

## LAMPIRAN

### Lampiran 1. Riwayat Hidup



Ekinnisura kaban, lahir di Jakarta, 27 September 2002. Penulis merupakan anak kedua dari tiga bersaudara. Pendidikan penulis berawal dari Taman Kanak – Kanak (TK) di TK Setia Bekasi Timur pada tahun 2007 sampai tahun 2008. Setelah itu, penulis melanjutkan pendidikan ke jenjang Sekolah Dasar (SD) di SD Setia Bekasi Timur dan lulus pada tahun 2014. Setelah menamatkan pendidikan SD, dilanjutkan dengan menempuh Sekolah Menengah Pertama (SMP) di SMP Negeri 8 Tambun Selatan hingga lulus pada tahun 2017. Kemudian, penulis melanjutkan pendidikan di SMA Yadika 13 Bekasi Timur dengan konsentrasi MIPA dan lulus pada tahun 2020. Kemudian, penulis menempuh pendidikan ke Perguruan Tinggi Universitas Pendidikan Ganesha dengan Program Studi Sistem Informasi (S1), Jurusan Teknik Informatika, Fakultas Teknik dan Kejuruan. Penulis berhasil menyelesaikan tugas akhir skripsi ini berkat ketekunan dan motivasi. Penulis berharap skripsi ini dapat memberikan manfaat bagi dunia pendidikan.

### Lampiran 2. Dokumentasi Wawancara



### Lampiran 3. Hasil Wawancara


|             |   |                         |
|-------------|---|-------------------------|
| Narasumber  | : | Kevin Alexander         |
| Jabatan     | : | Kepala Toko             |
| Pewawancara | : | Ekinnisura kaban        |
| Tanggal     | : | Minggu, 21 Januari 2024 |

|             |   |   |
|-------------|---|---|
| Pewawancara | : | Apakah toko ini memiliki masalah dengan strategi penjualan produk ?   |
| Narasumber  | : | Yaa, toko memiliki permasalahan yang dimana toko ingin merancang strategi penjualan paket produk untuk dijadikan promo tetapi masih kesulitan menentukan produk apa saja yang akan dijadikan satu paket dan bisa menarik perhatian pelanggan karena produk yang dijual oleh toko sangat banyak                |
| Pewawancara | : | Untuk apa toko ingin merancang strategi penjualan tersebut ?  |
| Narasumber  | : | Untuk menghadapi persaingan bisnis karena terdapat beberapa kompetitor disekitar toko dan toko berinisiatif merancang strategi penjualan tersebut agar membuat toko menjadi lebih menarik dan mampu bersaing. Selain itu, terdapat pelanggan yang suka menanyakan apakah terdapat promo produk pada toko ini. |
| Pewawancara | : | Apakah toko ini sudah menerapkan sistem transaksi yang terkomputerisasi ?   |
| Narasumber  | : | Yaa, toko ini sudah menerapkannya   |
| Pewawancara | : | Apakah data transaksi yang tersimpan dikomputer pernah digunakan untuk dianalisis ?   |
| Narasumber  | : | Tidak, data transaksi yang tersimpan dikomputer hanya dijadikan sebagai arsip saja  |
| Pewawancara | : | Apakah anda mengetahui bahwa data transaksi tersebut dapat dimanfaatkan untuk dianalisis dalam menentukan produk – produk yang bisa dijadikan satu paket penjualan ?  |
| Narasumber  | : | Tidak   |

|             |   |  |
|-------------|---|--|
| Pewawancara | : | Apakah saya bisa membantu dalam menganalisis data transaksi yang dimiliki toko dan memberikan hasil rekomendasi produk – produk yang bisa dijadikan satu paket penjualan ? |
| Narasumber  | : | Yaa, tentu saja bisa. Untuk data yang dibutuhkan hanya data transaksi ?  |
| Pewawancara | : | Yaa, data transaksi yang berisi produk – produk yang dibeli pelanggan  |
| Narasumber  | : | Baik, nanti akan kami siapkan data transaksi yang dibutuhkan   |
| Pewawancara | : | Terima kasih   |
| Narasumber  | : | Yaa, sama - sama   |



#### Lampiran 4. Surat Permintaan Permohonan Data

|   |  |                            |
|---|--|----------------------------|
|    | <b>KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,<br/>RISET, DAN TEKNOLOGI</b><br><b>UNIVERSITAS PENDIDIKAN GANESHA</b><br><b>FAKULTAS TEKNIK DAN KEJURUAN</b><br>Jalan Udayana Nomor 11 Singaraja Bali<br>Laman: <a href="http://fk.undiksha.ac.id">http://fk.undiksha.ac.id</a> |                            |
|   | Nomor : 1765/UN48.11.1/KM/2024<br>Perihal : Surat Permohonan Data  | Singaraja, 28 Agustus 2024 |
| Yth. Kepala Toko Kirana Selat<br>di tempat  |  |                            |
| <p>Dengan hormat, sehubungan dengan proses penyelesaian Tugas Akhir/Skripsi, maka melalui surat ini kami mohon Bapak/Ibu berkenan memberikan data yang dibutuhkan. Adapun mahasiswa yang akan melakukan pengambilan data seperti tersebut di bawah ini:</p>                                   |  |                            |
| Nama : Ekinnisura Kaban<br>NIM : 2115091076<br>Program Studi : Sistem Informasi<br>Jurusan : Teknik Informatika<br>Judul : Analisis Pola Pembelian Pelanggan dengan Teknik Association Rule menggunakan Algoritma Apriori untuk menentukan Rekomendasi Produk (Studi Kasus Toko Kirana Selat) |  |                            |
| Data yang dibutuhkan : Terkait data transaksi penjualan   |  |                            |
| Demikian kami sampaikan, atas perhatian dan kerjasamanya, diucapkan terima kasih.   |  |                            |
| a.n Dekan<br>Wakil Dekan Bidang Akademik,<br><br>Made Windu Antara Kesiman<br>NIP 198211112008121001   |  |                            |

#### Lampiran 5. Frequent 1-itemset

| No | Itemsets                 | Jumlah Transaksi | Support  |
|----|--------------------------|------------------|----------|
| 1  | TELUR AYAM/BUTIR         | 3562             | 0.121740 |
| 2  | CAMILAN BU KOMANG 3500   | 1385             | 0.047336 |
| 3  | MINYAK SUNCO 500ML POUCH | 1030             | 0.035203 |
| 4  | SOSIS SONICE             | 1020             | 0.034861 |
| 5  | AQUA GALON ISI           | 1016             | 0.034724 |
| 6  | MIE SEDAAP GORENG 90G    | 852              | 0.029119 |
| 7  | CAMILAN BU KOMANG 5000   | 846              | 0.028914 |



| No | Itemsets                           | Jumlah Transaksi | Support  |
|----|------------------------------------|------------------|----------|
| 8  | KERUPUK / KERIPIK/STIK1000         | 817              | 0.027923 |
| 9  | GAS ELPIJI 3KG                     | 812              | 0.027752 |
| 10 | MASAKO AYAM 9G (12/RTG) 500        | 806              | 0.027547 |
| 11 | GULA PASIR/KG                      | 797              | 0.027239 |
| 12 | GORENGAN ALL 1000                  | 760              | 0.025975 |
| 13 | TEH PUCUK HARUM JASMINE 350ML      | 722              | 0.024676 |
| 14 | INDOMIE GORENG SPECIAL 85G         | 710              | 0.024266 |
| 15 | KRESEK KILAT MERAH BESAR           | 687              | 0.023480 |
| 16 | GULA PASIR 1/2KG                   | 677              | 0.023138 |
| 17 | YAKULT                             | 630              | 0.021532 |
| 18 | BEAR BRAND STM 189ML ( 30 / SLOP ) | 621              | 0.021224 |
| 19 | AQUA BOTOL 1500ML                  | 594              | 0.020301 |
| 20 | AQUA BOTOL 600ML                   | 543              | 0.018558 |
| 21 | KERIPIK AYAM (3000)                | 506              | 0.017294 |
| 22 | GARAM YODIUM KARAPAN SAPI          | 506              | 0.017294 |
| 23 | SAMPOERNA MILD 16                  | 474              | 0.016200 |
| 24 | YOU C 1000 ORANGE 140ML            | 471              | 0.016098 |
| 25 | SEDAAP MIE AYAM BAWANG             | 458              | 0.015653 |
| 26 | DUNHILL MILD 16                    | 413              | 0.014115 |
| 27 | LE MINERAL 1500 ML                 | 396              | 0.013534 |
| 28 | SEDAAP MIE SOTO                    | 387              | 0.013227 |
| 29 | TEH PUCUK HARUM JASMINE 500ML      | 373              | 0.012748 |
| 30 | LUWAK WHITE COFFEE SACHET          | 373              | 0.012748 |
| 31 | ULTRA MILK COKLAT 250ML            | 368              | 0.012577 |
| 32 | IN MILD 16                         | 359              | 0.012270 |
| 33 | ROSE BRAND TEPUNG BERAS 500G       | 357              | 0.012201 |
| 34 | KOPI BANYUATIS 100G                | 354              | 0.012099 |
| 35 | LADAKU MERICA 1000 (12/ RTG)       | 337              | 0.011518 |
| 36 | TERIGU 1/2KG                       | 335              | 0.011449 |
| 37 | INDOMIE GORENG SPECIAL JUMBO 129G  | 333              | 0.011381 |
| 38 | USUS ORIGINAL (1000)               | 326              | 0.011142 |
| 39 | SPRITE MINI 250ML                  | 324              | 0.011074 |
| 40 | HOT HOT POP KAKI / PENDEKAR BIRU   | 322              | 0.011005 |
| 41 | BENG BENG (2) 20G                  | 320              | 0.010937 |
| 42 | TEH KOTAK JASMINE 300ML            | 315              | 0.010766 |
| 43 | YEH BLL GALON                      | 314              | 0.010732 |
| 44 | PADDLE POP MONKEY BANANA 42ML      | 313              | 0.010698 |
| 45 | SUN KARA 65ML ( 36 / DUS )         | 312              | 0.010663 |
| 46 | PADDLE POP RAINBOW 50ML            | 310              | 0.010595 |
| 47 | DANCOW INSTAN 27G ( 10/RCG )       | 307              | 0.010492 |
| 48 | MILKU COKELAT 200ML                | 306              | 0.010458 |
| 49 | SR SANDWICH COKLAT                 | 300              | 0.010253 |
| 50 | INDOMILK SKM PLAIN 37G SCH         | 299              | 0.010219 |
| 51 | SUNLIGHT LIME SQUASH 105ML         | 298              | 0.010185 |

| No | Itemsets                              | Jumlah Transaksi | Support  |
|----|---------------------------------------|------------------|----------|
| 52 | PISANGKEJU/MARTABAK                   | 296              | 0.010117 |
| 53 | SEDAAP MIE KOREAN SPICY CHICKEN       | 293              | 0.010014 |
| 54 | AJINOMOTO 19G (20 / RTG) 1000         | 290              | 0.009911 |
| 55 | SPHATIKA 6000                         | 287              | 0.009809 |
| 56 | KOPIKAP                               | 286              | 0.009775 |
| 57 | CAMILAN BU KOMANG 4000                | 285              | 0.009741 |
| 58 | NEXTAR CHOCO BROWNIES 34G             | 278              | 0.009501 |
| 59 | ULTRA MILK COKELAT 200ML              | 277              | 0.009467 |
| 60 | PASEO SMART 250S NON BARKODE          | 276              | 0.009433 |
| 61 | CAMILAN BU KOMANG 3000                | 268              | 0.009160 |
| 62 | ULTRA MILK COKELAT 125ML              | 266              | 0.009091 |
| 63 | SUKSES GORENG ISI 2 AYAM KREMES 133G  | 262              | 0.008955 |
| 64 | FRENCH FRIES 24G                      | 261              | 0.008920 |
| 65 | ROMA KELAPA 300G                      | 260              | 0.008886 |
| 66 | INDOMIE SOTO MIE 70G                  | 259              | 0.008852 |
| 67 | MARLBORO PUTIH 20                     | 258              | 0.008818 |
| 68 | SUPERSTAR TRIPLE CHOCOLATE 18G        | 257              | 0.008784 |
| 69 | TELUR PUYUH TUSUK 3000                | 254              | 0.008681 |
| 70 | SEDAAP MIE KARI SPESIAL               | 253              | 0.008647 |
| 71 | SAMPOERNA MILD 12                     | 249              | 0.008510 |
| 72 | LARUTAN CAP KAKI TIGA TAWAR BTL 500ML | 244              | 0.008339 |
| 73 | ORANGE WATER C 1000 BOTOL 500ML       | 239              | 0.008168 |
| 74 | WALLS FEAST VANILLA 65ML              | 237              | 0.008100 |
| 75 | SPRITE 390ML SERU                     | 231              | 0.007895 |
| 76 | YUPI STRAWBERRY KISS TOPLES           | 231              | 0.007895 |
| 77 | TERASI UDANG CAP GS BONANG KECIL      | 231              | 0.007895 |
| 78 | WALSS POPULAIRE STRAWBERRY 90ML       | 230              | 0.007861 |
| 79 | TRICO 60ML                            | 229              | 0.007827 |
| 80 | VANESSA TAWAR KUPAS                   | 227              | 0.007758 |
| 81 | VANESSA CREAM BALL                    | 227              | 0.007758 |
| 82 | LAYS RUMPUT LAUT 14G                  | 227              | 0.007758 |
| 83 | KOPI BANYUATIS 50G                    | 225              | 0.007690 |
| 84 | LE MINERAL 600ML                      | 219              | 0.007485 |
| 85 | BETTER VANILA CREAM 22G               | 216              | 0.007382 |
| 86 | SEDAAP MIE GORENG AYAM KRISPI         | 216              | 0.007382 |
| 87 | DONAT ASIAH                           | 212              | 0.007246 |
| 88 | TERIGU 1KG                            | 212              | 0.007246 |
| 89 | PADDLE POP CHOCO LAVA                 | 208              | 0.007109 |
| 90 | SUNLIGHT LIME 210ML                   | 208              | 0.007109 |
| 91 | GULA MERAH JAWA 500G                  | 201              | 0.006870 |

| No  | Itemsets                                      | Jumlah Transaksi | Support  |
|-----|---|------------------|----------|
| 92  | LARUTAN CAP BADAQ TAWAR BTL 500ML             | 199              | 0.006801 |
| 93  | NESCAFE SASSET 3 IN 1 (10RTG)                 | 198              | 0.006767 |
| 94  | ULTRA MILK FULL CREAM 200ML                   | 196              | 0.006699 |
| 95  | SOSIS KIMBO ALL 1000                          | 196              | 0.006699 |
| 96  | WALS POPULAIRE COKLAT 90ML                    | 196              | 0.006699 |
| 97  | BATU DUREN/PUTRI AYU                          | 192              | 0.006562 |
| 98  | SR TAWAR SPESIAL JUMBO                        | 190              | 0.006494 |
| 99  | INDOMIE AYAM BAWANG 69G                       | 189              | 0.006460 |
| 100 | ABC SUSU 30G SCH                              | 189              | 0.006460 |
| 101 | TEH PUCUK HARUM LESS SUGAR 350ML              | 189              | 0.006460 |
| 102 | FRENCH FRIES 62G                              | 187              | 0.006391 |
| 103 | PASEO SMART 50S                               | 184              | 0.006289 |
| 104 | KERUPUK 5000                                  | 182              | 0.006220 |
| 105 | KOPI BANYUATIS 200GR                          | 182              | 0.006220 |
| 106 | MI TELUR 3 AYAM 200G                          | 178              | 0.006084 |
| 107 | AOKA ROTI PANGGANG RASA VANILA 65G            | 178              | 0.006084 |
| 108 | FANTA MINI 250ML                              | 177              | 0.006049 |
| 109 | INDOMIE KARI AYAM 72G                         | 177              | 0.006049 |
| 110 | AHH COKELAT 5.5G                              | 177              | 0.006049 |
| 111 | INOMIE HYPE ABIS MIEGHETTI RASA BOLOGNESE 85G | 176              | 0.006015 |
| 112 | REGAL 15G                                     | 175              | 0.005981 |
| 113 | GOOD DAY CAPPUCCINO 25G SCH                   | 173              | 0.005913 |
| 114 | KRESEK TUNGGAL 15 BENING                      | 173              | 0.005913 |
| 115 | SUNCO 1 LT                                    | 172              | 0.005879 |
| 116 | SUPERSTAR SNAPS 28G                           | 172              | 0.005879 |
| 117 | MINI CORNETO ALL RASA                         | 171              | 0.005844 |
| 118 | INDOMILK SKM COKELAT 37G SCH                  | 169              | 0.005776 |
| 119 | ULTRA MILK STRAWBERRY 125ML                   | 169              | 0.005776 |
| 120 | WALLS FEAST COKELAT 65ML                      | 168              | 0.005742 |
| 121 | SPIX MIE GORENG 45G                           | 168              | 0.005742 |
| 122 | MILKU STRAWBERRY 200ML                        | 168              | 0.005742 |
| 123 | MARLBORO MERAH 20                             | 165              | 0.005639 |
| 124 | INDOMIE AYAM SPESIAL 68G                      | 165              | 0.005639 |
| 125 | KAPAS SELECTION 35G                           | 162              | 0.005537 |
| 126 | NABATI WAFER COKLAT 125G                      | 161              | 0.005503 |
| 127 | PIA CEMERLANG                                 | 160              | 0.005468 |
| 128 | ACCECORIS 2000                                | 160              | 0.005468 |
| 129 | SAORI SAUS TIRAM 23ML(10/RTG)                 | 159              | 0.005434 |
| 130 | ACCESORIS 1000                                | 158              | 0.005400 |
| 131 | TANGO WAFER LONG VANILA 130G                  | 158              | 0.005400 |
| 132 | ROTI GEPENG 2 JEMPOL                          | 158              | 0.005400 |

| No  | Itemsets   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 133 | SEGITIGA BIRU 500G                               | 157              | 0.005366 |
| 134 | BENG BENG MAX 32G                                | 157              | 0.005366 |
| 135 | MASKER DUCKBILL HITAM-PUTIH/PCS                  | 156              | 0.005332 |
| 136 | TEH PUCUK JASMINE MINI 250ML                     | 156              | 0.005332 |
| 137 | SAMPOERNA HIJAU 12                               | 154              | 0.005263 |
| 138 | ROMA SARI GANDUM COKELAT 115G                    | 154              | 0.005263 |
| 139 | FORTUNE BANTAL 1 LT                              | 154              | 0.005263 |
| 140 | ROMA SARI GANDUM COKELAT 39G                     | 154              | 0.005263 |
| 141 | EMPING JAGUNG (PACK)                             | 154              | 0.005263 |
| 142 | TAS BELANJA 38 x 45                              | 153              | 0.005229 |
| 143 | CAMILAN BU KOMANG 6000                           | 153              | 0.005229 |
| 144 | AOKA ROTI PANGGANG RASA BLUEBERRY/STRAWBERRY 65G | 153              | 0.005229 |
| 145 | INDOMILK COKLAT BTL 190ML                        | 151              | 0.005161 |
| 146 | MILKITA LOLIPOP ASSORTED/1PCS                    | 151              | 0.005161 |
| 147 | BETTER FUN BITES ISI 4 48G                       | 150              | 0.005127 |
| 148 | PADDLE POP CHOCO MAGMA 55ML                      | 149              | 0.005092 |
| 149 | KOPI BANYUATIS 250G                              | 149              | 0.005092 |
| 150 | ULTRA MILK FULL CREAM 250ML                      | 148              | 0.005058 |
| 151 | CHEETOS JAGUNG BAKAR 15G                         | 148              | 0.005058 |
| 152 | FF SKM 38G                                       | 145              | 0.004956 |
| 153 | GG SURYA 12                                      | 145              | 0.004956 |
| 154 | CANNON BALL 5.4G                                 | 144              | 0.004922 |
| 155 | INDOMILK MELON BTL 190ML                         | 144              | 0.004922 |
| 156 | AQUA BTL 330ML                                   | 143              | 0.004887 |
| 157 | FF MILKY COKELAT UHT 115ML                       | 143              | 0.004887 |
| 158 | INDOMIE GORENG RASA AYAM GEPREK 85G              | 142              | 0.004853 |
| 159 | LEMPOG DAN DADAR 1000                            | 141              | 0.004819 |
| 160 | MASAKO SAPI 9G (12/RTG) 500                      | 141              | 0.004819 |
| 161 | INDOMIE GORENG JUMBO AYAM PANGGANG 127G          | 141              | 0.004819 |
| 162 | SUNLIGHT LIME 400ML                              | 141              | 0.004819 |
| 163 | YUPI DINO 12G                                    | 141              | 0.004819 |
| 164 | SARIWANGI TB ASLI ISI 25                         | 139              | 0.004751 |
| 165 | ULTRA MILK STRAWBERRY 250ML                      | 139              | 0.004751 |
| 166 | SARI KACANG IJO 250ML                            | 138              | 0.004716 |
| 167 | SR SOBEK COKELAT                                 | 138              | 0.004716 |
| 168 | TEPUNG PUTRI SEJATI 500G                         | 138              | 0.004716 |
| 169 | TEH PUCUK HARUM JASMINE 1360ML                   | 137              | 0.004682 |
| 170 | COUNTRY  | 137              | 0.004682 |
| 171 | AOKA ROTI PANGGANG RASA COKELAT 65G              | 135              | 0.004614 |
| 172 | GG INTERNASIONAL                                 | 135              | 0.004614 |
| 173 | TANGO ROYAL CHOCOLATE 130G                       | 134              | 0.004580 |



| <b>No</b> | <b>Itemsets</b>                         | <b>Jumlah Transaksi</b> | <b>Support</b> |
|-----------|---|-------------------------|----------------|
| 174       | PEPSODENT WHITE 75 G                    | 134                     | 0.004580       |
| 175       | EKO MIE 2 110G                          | 133                     | 0.004546       |
| 176       | HAPPY TOS MERAH 25G                     | 133                     | 0.004546       |
| 177       | MOMOGI COKELAT 6G                       | 133                     | 0.004546       |
| 178       | MOMOGI TUTTI FRUTTI 6G ( 20 PCS / KTK ) | 132                     | 0.004511       |
| 179       | PADDLE POP TWISTER MERMAID 55ML         | 132                     | 0.004511       |
| 180       | SEDAAP MIE KARI AYAM                    | 131                     | 0.004477       |
| 181       | WALS DORAEMON 60ML                      | 131                     | 0.004477       |
| 182       | TOTOLE KALDU RASA JAMUR 80 G            | 131                     | 0.004477       |
| 183       | TOBELO GOLDEN BALLS TOPLES              | 130                     | 0.004443       |
| 184       | SARIMI RASA AYAM BAWANG 75G             | 130                     | 0.004443       |
| 185       | DANCOW COKLAT 39G SCH                   | 130                     | 0.004443       |
| 186       | PADDLE POP MOCHI CHOCOLATE VANILA 45ML  | 130                     | 0.004443       |
| 187       | SPRITE 1 L                              | 130                     | 0.004443       |
| 188       | AJINOMOTO 50G                           | 130                     | 0.004443       |
| 189       | CHOKI CHOKI 10G                         | 129                     | 0.004409       |
| 190       | BAGUS SOYA / BAGUS MILK SOYA            | 129                     | 0.004409       |
| 191       | INDOMILK STRWB BTL 190ML                | 129                     | 0.004409       |
| 192       | AQUA GELAS/DUS                          | 128                     | 0.004375       |
| 193       | CRICKET                                 | 128                     | 0.004375       |
| 194       | COCA COLA MINI 250ML                    | 125                     | 0.004272       |
| 195       | KEMIRI 2000                             | 125                     | 0.004272       |
| 196       | AOKA ROTI PANGGANG RASA DURIAN 65G      | 125                     | 0.004272       |
| 197       | AHH KEJU 5.5G                           | 125                     | 0.004272       |
| 198       | KRUPUK RAMBAK NAMIRA 2000               | 124                     | 0.004238       |
| 199       | MIMIN PEYEK KACANG                      | 124                     | 0.004238       |
| 200       | POCARI SWEET 500ML                      | 124                     | 0.004238       |
| 201       | CHEETOS JAGUNG BAKAR 40G                | 124                     | 0.004238       |
| 202       | MINI OREO ORIGINAL 20.4G                | 123                     | 0.004204       |
| 203       | CHITATO AYAM BUMBU 15G                  | 123                     | 0.004204       |
| 204       | INDOMIE RASA SOTO LAMONGAN 80G          | 123                     | 0.004204       |
| 205       | PLASTIK RAJAWALI 1KG                    | 122                     | 0.004170       |
| 206       | BAYGON COIL JUMBO LAVENDER              | 122                     | 0.004170       |
| 207       | TEH GELAS ORIGINAL 170ML CUP            | 121                     | 0.004135       |
| 208       | COCA COLA 390ML SERU                    | 121                     | 0.004135       |
| 209       | SATYA KERIPIK TEMPE                     | 121                     | 0.004135       |
| 210       | EXTRA JOSS/SCH                          | 120                     | 0.004101       |
| 211       | SUNLIGHT LIME 48ML                      | 119                     | 0.004067       |
| 212       | ULTRA MILK STRAWBERRY 200ML             | 119                     | 0.004067       |
| 213       | PANDA GRASS JELLY CAN 310ML             | 119                     | 0.004067       |
| 214       | POCARI SWEET 350ML                      | 117                     | 0.003999       |
| 215       | RACIK NASI GORENG 20G                   | 117                     | 0.003999       |

| <b>No</b> | <b>Itemsets</b>                  | <b>Jumlah Transaksi</b> | <b>Support</b> |
|-----------|----------------------------------|-------------------------|----------------|
| 216       | PADDLE POP MILKY DUO 36ML        | 117                     | 0.003999       |
| 217       | MARLBORO ICE BLAST               | 116                     | 0.003965       |
| 218       | SILVER QUEEN CASHEW 25G          | 116                     | 0.003965       |
| 219       | KOKO KRUNCH SEREAL 15GR (10/RTG) | 116                     | 0.003965       |
| 220       | ROYCO RASA AYAM 9G               | 116                     | 0.003965       |
| 221       | NUTRISARI JERUK PERAS 14G SCH    | 115                     | 0.003930       |
| 222       | BLUE BAND 200G                   | 115                     | 0.003930       |
| 223       | MIKO RASA NANGKA 10G             | 114                     | 0.003896       |
| 224       | CHITATO SAPI PANGGANG 15G        | 114                     | 0.003896       |
| 225       | BRIO GO POTATO ORIGINAL 60G      | 113                     | 0.003862       |
| 226       | MY JELLY 5CUP @14G               | 113                     | 0.003862       |
| 227       | TEH BOTOL ORIGINAL 450ML         | 113                     | 0.003862       |
| 228       | CHIKI BALLS COKELAT 10G          | 112                     | 0.003828       |
| 229       | ULTRA MIMI COKLAT 125ML          | 112                     | 0.003828       |
| 230       | KOPIKO COFFE CANDY TOPLES        | 112                     | 0.003828       |
| 231       | JET Z COKLAT 12GR                | 112                     | 0.003828       |
| 232       | MILO COKELAT 22 G                | 112                     | 0.003828       |
| 233       | NEXTAR PINEAPPLE JAM 34G         | 112                     | 0.003828       |
| 234       | SARIWANGI SCT(288X1.85G) RP1500  | 111                     | 0.003794       |
| 235       | KRIPIK BAWANG AZARO 5000         | 111                     | 0.003794       |
| 236       | KERUPUK RAMBAK KERBAU            | 111                     | 0.003794       |
| 237       | RINSO MOLTO ROSE FRESH LIQ 38 ML | 110                     | 0.003760       |
| 238       | MOMOGI JAGUNG BAKAR 6G           | 110                     | 0.003760       |
| 239       | DJI SAM SOE 12                   | 110                     | 0.003760       |
| 240       | FLORIDINA ORANGE BTL 350ML       | 110                     | 0.003760       |
| 241       | SOVIA 1LT                        | 110                     | 0.003760       |
| 242       | AHH KEJU 15G                     | 109                     | 0.003725       |
| 243       | CENDOLITA 250ML                  | 109                     | 0.003725       |
| 244       | SASA SANTAN CAIR 65ML            | 109                     | 0.003725       |
| 245       | ENERGEN COKLAT SCH 34G           | 108                     | 0.003691       |
| 246       | CAMILAN BU KOMANG 2500           | 108                     | 0.003691       |
| 247       | GO POTATO RASA 20G               | 107                     | 0.003657       |
| 248       | MILO UHT 180ML                   | 107                     | 0.003657       |
| 249       | SUNLIGHT LIME NEW REFILL 435ML   | 106                     | 0.003623       |
| 250       | OREO ORIGINAL 27,6G              | 106                     | 0.003623       |
| 251       | PRINGLES ORIGINAL 42G CAN        | 106                     | 0.003623       |
| 252       | RACIK AYAM GORENG 26G            | 106                     | 0.003623       |
| 253       | AKSESORIS 3000                   | 106                     | 0.003623       |
| 254       | VICEE JERUK /STRIP               | 106                     | 0.003623       |
| 255       | SR TAWAR SPECIAL                 | 105                     | 0.003589       |
| 256       | KECAP MANIS SEDAAP POUCH 63ML    | 105                     | 0.003589       |
| 257       | SUKSES GORENG AYAM KECAP 129G    | 105                     | 0.003589       |
| 258       | KG SALT CHEESE COMBO 17G         | 105                     | 0.003589       |
| 259       | MINYAK FORTUNE 250ML BANTAL      | 104                     | 0.003554       |

| No  | Itemsets                               | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 260 | ROTI PISCOK 3000                       | 104              | 0.003554 |
| 261 | REGAL 25GRM                            | 104              | 0.003554 |
| 262 | BUAVITA GUAVA 245 ML                   | 104              | 0.003554 |
| 263 | FERMIPAN 11G ( 4 / KOTAK )             | 103              | 0.003520 |
| 264 | PEPSODENT WHITE 190 G                  | 103              | 0.003520 |
| 265 | SR SOBEK BLUBERRY                      | 103              | 0.003520 |
| 266 | CHEETOS NET BBQ 30G                    | 102              | 0.003486 |
| 267 | AOKA ROTI PANGGANG RASA KEJU 65G       | 102              | 0.003486 |
| 268 | CHOCOLATOS GRANDE 9G                   | 102              | 0.003486 |
| 269 | WALLS SOLERO FRUIT MANGGA 65ML         | 102              | 0.003486 |
| 270 | CORNETO STRAWBERRY 82ML                | 102              | 0.003486 |
| 271 | PUSH POP CANDY 14G                     | 101              | 0.003452 |
| 272 | SUPERSTAR TRIPLE CHOCOCLATE ISI 6      | 101              | 0.003452 |
| 273 | KERIPIK KELADI BU YANTI                | 101              | 0.003452 |
| 274 | NEONAPACIN/TBL                         | 101              | 0.003452 |
| 275 | YOU C 1000 LEMON 140ML                 | 100              | 0.003418 |
| 276 | TEH PUCUK LESS SUGAR 500ML             | 100              | 0.003418 |
| 277 | FF JUNIO COKELAT UHT 110ML             | 99               | 0.003384 |
| 278 | CLOUD 9 CRUNCHY CHOCOLATE 8G           | 99               | 0.003384 |
| 279 | TEH BOTOL ORIGINAL KOTAK 330ML         | 99               | 0.003384 |
| 280 | GEMEZ ENAK 22G                         | 98               | 0.003349 |
| 281 | KUE PIA BALI DEWATA                    | 98               | 0.003349 |
| 282 | DUPA JULUNGWANGI 941 3ONS (28CM) PEPEL | 98               | 0.003349 |
| 283 | VANESSA TAWAR KUPAS PANDAN             | 98               | 0.003349 |
| 284 | MIE LEMONILO GORENG 80G                | 98               | 0.003349 |
| 285 | PUYUH MIKA                             | 97               | 0.003315 |
| 286 | MENTOS MINT / PCS                      | 97               | 0.003315 |
| 287 | SARIMI RASA KALDU AYAM 70G             | 96               | 0.003281 |
| 288 | BONCABE LEVEL 30 ( 24 / PACK )         | 96               | 0.003281 |
| 289 | VEGETA HERBAL SCH                      | 96               | 0.003281 |
| 290 | PERMEN KOPYOS                          | 95               | 0.003247 |
| 291 | COCA COLA 1 L                          | 95               | 0.003247 |
| 292 | BISKITOP VEGETABLE & CHEESE 60G        | 95               | 0.003247 |
| 293 | KOKO KRUNCH RASA CEKELAT 30GR          | 95               | 0.003247 |
| 294 | SAOS LOMBOK SACHET (2PCS)              | 95               | 0.003247 |
| 295 | RK BULLS KRETEK 12                     | 94               | 0.003213 |
| 296 | PUKIS 2000                             | 94               | 0.003213 |
| 297 | BAYGON COIL MERAH                      | 94               | 0.003213 |
| 298 | VICEE LEMON /2PCS                      | 94               | 0.003213 |
| 299 | LAYS SEAWEED 68G                       | 93               | 0.003179 |
| 300 | SAJIKU TP SERBAGUNA 220G               | 93               | 0.003179 |
| 301 | ASTOR SINGLES 18G                      | 93               | 0.003179 |
| 302 | TEH KOTAK RASA LEMON 200ML             | 93               | 0.003179 |

| No  | Itemsets                                 | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 303 | HAPPY TOS MERAH 160G                     | 92               | 0.003144 |
| 304 | NABATI SIIP KEJU 5G                      | 92               | 0.003144 |
| 305 | SEDAAP KOREAN SPICY SOUP 77G             | 92               | 0.003144 |
| 306 | ADEM SARI CINGKU 350ML BOTOL             | 92               | 0.003144 |
| 307 | OREO SOFT CAKE 16G (12/KTK)              | 92               | 0.003144 |
| 308 | ROMA MALKIST COKELAT 21G                 | 91               | 0.003110 |
| 309 | INDOMILK UHT KIDS COKELAT 115ML          | 91               | 0.003110 |
| 310 | ADEM SARI SCH                            | 91               | 0.003110 |
| 311 | KN KOTAK NAGA 80S                        | 91               | 0.003110 |
| 312 | FRUIT TEA BLACKCURRANT BTL 500ML         | 91               | 0.003110 |
| 313 | AJINOMOTO 7,5G (24 / RTG) 500            | 91               | 0.003110 |
| 314 | SELFIE MINYAK GORENG 200ML CUP           | 90               | 0.003076 |
| 315 | SEDAAP MIE GORENG SALERO PADANG          | 90               | 0.003076 |
| 316 | YUPI SWEET HEART 15G                     | 90               | 0.003076 |
| 317 | BETTER VANILA CREAM FUN BITES ISI 10120G | 89               | 0.003042 |
| 318 | ACCESORIS 2500                           | 89               | 0.003042 |
| 319 | H&S SHP CLEAN BLANCED SCH 10ML           | 89               | 0.003042 |
| 320 | INDOMIE GORENG PEDAS                     | 89               | 0.003042 |
| 321 | KRESEK TUNGGAL TANGGUNG 24               | 88               | 0.003008 |
| 322 | SR SOBEK STRAWBERRY                      | 88               | 0.003008 |
| 323 | INDOMIE MIE GORENG ACEH 90G              | 88               | 0.003008 |
| 324 | SEGITIGA BIRU 1KG                        | 88               | 0.003008 |
| 325 | SUNCO 2 LT                               | 88               | 0.003008 |
| 326 | RUJAK 5000                               | 87               | 0.002973 |
| 327 | WALLS CAPPUCCINO 55ML                    | 87               | 0.002973 |
| 328 | TAS BELANJA BESAR                        | 87               | 0.002973 |
| 329 | MARLBORO CRAFTED 12 (MERAH)              | 86               | 0.002939 |
| 330 | BIMOLI CLASIC 1L RFL                     | 86               | 0.002939 |
| 331 | NABATI WAFER COKLAT 43G                  | 86               | 0.002939 |
| 332 | INDOMIE SEBLAK HOT JELETOT 75G           | 86               | 0.002939 |
| 333 | LAYS SEAWEED 35G                         | 86               | 0.002939 |
| 334 | PERMEN POGY POGY /PARAGO                 | 85               | 0.002905 |
| 335 | RK LA BOLD 20                            | 85               | 0.002905 |
| 336 | NUTRIBOOST STRAWBERRY 300ML BTL          | 85               | 0.002905 |
| 337 | CHIKI BALLS CHICKEN 10G                  | 85               | 0.002905 |
| 338 | BISKUAT COKELAT 15,2G                    | 85               | 0.002905 |
| 339 | NASI BUNGKUS 5000                        | 85               | 0.002905 |
| 340 | INDOMIE GORENG SAMBAL MATAH              | 85               | 0.002905 |
| 341 | CHOCOLATOS DARK 16G                      | 84               | 0.002871 |
| 342 | FLORIDINA COCO BTL 350ML                 | 84               | 0.002871 |
| 343 | TRESSMME SHP SCALP CARE 9ML              | 84               | 0.002871 |



| No  | Itemsets                               | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 344 | POP MIE MINI AYAM BAWANG 40G           | 84               | 0.002871 |
| 345 | VANESSA LIMA RASA                      | 84               | 0.002871 |
| 346 | QTELA SINGKONG BBQ 23G                 | 84               | 0.002871 |
| 347 | ENERGEN KACANG HIJAU SCH 34G           | 83               | 0.002837 |
| 348 | SIIP ROASTED CORN 5G                   | 83               | 0.002837 |
| 349 | ACCESORIS 5000                         | 83               | 0.002837 |
| 350 | FORTUNE 1 LT                           | 83               | 0.002837 |
| 351 | BANGO KECAP MANIS 59ML                 | 82               | 0.002803 |
| 352 | CORNETO BLACK WHITE 80ML               | 82               | 0.002803 |
| 353 | GEKIKARA RAMEN HOT CARBO 81G           | 82               | 0.002803 |
| 354 | YUPI BURGER MINI 7G                    | 82               | 0.002803 |
| 355 | ROMA SANDWICH COKELAT BONBON 216G      | 82               | 0.002803 |
| 356 | YUPI SEA WORLD 7G                      | 82               | 0.002803 |
| 357 | MILO 3IN1 35G SCH                      | 81               | 0.002768 |
| 358 | VANESSA KEJU COKLAT                    | 81               | 0.002768 |
| 359 | KACANG GANGSAR 50GR                    | 81               | 0.002768 |
| 360 | LIFEBUOY TS LEMONFRESH 70G             | 81               | 0.002768 |
| 361 | ENERGEN VANILA SCH 34G                 | 81               | 0.002768 |
| 362 | BI JAG 150G                            | 81               | 0.002768 |
| 363 | OREO ROLL ORIGINAL 119,6G              | 81               | 0.002768 |
| 364 | ACCESORIS 1500                         | 81               | 0.002768 |
| 365 | YUPI BOLICIOS SWEET STRAWBERRY 5G      | 81               | 0.002768 |
| 366 | FF UHT STRAWBERRY MILKY 115ML          | 80               | 0.002734 |
| 367 | KRAFT CHEDDAR MINI 30GR                | 80               | 0.002734 |
| 368 | AJINOMOTO 40G                          | 80               | 0.002734 |
| 369 | MINYAK FORTUNE 500ML BANTAL            | 80               | 0.002734 |
| 370 | YUPI JUST FOR FUN 18G                  | 80               | 0.002734 |
| 371 | NABATI WAFER KEJU 43G                  | 80               | 0.002734 |
| 372 | CHAMP CHICKEN NUAGET                   | 80               | 0.002734 |
| 373 | DOVE COND RAMBUT RONTOK 9ML            | 79               | 0.002700 |
| 374 | SARIMI KUAH RASA AYAM 75G              | 79               | 0.002700 |
| 375 | DESAKU KUNYIT BUBUK 7.5G ( 12 / RCNG ) | 79               | 0.002700 |
| 376 | ULTRA MILK FULL CREAM 1000ML           | 79               | 0.002700 |
| 377 | HE SHP COND ALOE MELON SCH             | 79               | 0.002700 |
| 378 | YUPI JUNGLE FUN 7G                     | 78               | 0.002666 |
| 379 | FF JUNIO STRAWBERRY UHT 110 ML         | 78               | 0.002666 |
| 380 | MERRIES PANTS L1                       | 78               | 0.002666 |
| 381 | TIC TAC SAPI PANGGANG 80 G             | 78               | 0.002666 |
| 382 | TOLAK ANGIN +MADU SCT 15ML(12/KTK)     | 78               | 0.002666 |
| 383 | TORA BIKA CREAMY LATTE SCH 25G         | 78               | 0.002666 |
| 384 | FRENCH FRIES 138G                      | 77               | 0.002632 |

| No  | Itemsets                                   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 385 | RINSO MOLTO PERFUME ESENCE PWD 40G         | 77               | 0.002632 |
| 386 | POP MIE RASA AYAM 75G                      | 77               | 0.002632 |
| 387 | SANIA 1 LT                                 | 77               | 0.002632 |
| 388 | YUPI ICE CREAM 7G                          | 77               | 0.002632 |
| 389 | BENG BENG SHARE IT 10PCS                   | 77               | 0.002632 |
| 390 | SASA TP BUMBU SERBAGUNA ORIGINAL 225G      | 77               | 0.002632 |
| 391 | OREO ROLL COKLAT CREME 119,6G              | 77               | 0.002632 |
| 392 | PANTENE SHP BLACK 10ML                     | 77               | 0.002632 |
| 393 | RACIK SAYUR SOP 20G                        | 76               | 0.002597 |
| 394 | KERUPUK BU AMINAH 5000                     | 76               | 0.002597 |
| 395 | SAJIKU NASI GORENG SUPER PEDAS 20G(10/RTG) | 76               | 0.002597 |
| 396 | CHITATO AYAM BUMBU 35G                     | 76               | 0.002597 |
| 397 | VANESSA ROTI SISIR                         | 76               | 0.002597 |
| 398 | SLAI OLAI STRWBRY 128G ROL                 | 76               | 0.002597 |
| 399 | BATERAI ABC AA BIJIAN                      | 76               | 0.002597 |
| 400 | GEKIKARA HOT CHIKEN 80G                    | 76               | 0.002597 |
| 401 | RINSO MOLTO PERFUME ESSENCE CAIR 38ML      | 76               | 0.002597 |
| 402 | DOWNY MYSTIQUE SCH 18ML                    | 76               | 0.002597 |
| 403 | OPPS AYAM TOMAT PANGGANG 40G               | 76               | 0.002597 |
| 404 | YUPI BEAT ME 15G                           | 76               | 0.002597 |
| 405 | SAORI SAUS TIRAM 133ML                     | 76               | 0.002597 |
| 406 | INACO MINI JELLY 5 CUP                     | 75               | 0.002563 |
| 407 | TRESEMME SAMPO KERATIN SMOOTH 9ML(1000)    | 75               | 0.002563 |
| 408 | MINYAK TIGA UDANG 500ML BTL                | 75               | 0.002563 |
| 409 | AIR MAWAR 100ML                            | 75               | 0.002563 |
| 410 | HE SHP COND ROYAL JELLY SCH                | 75               | 0.002563 |
| 411 | H&S SHP LEMON FRESH 10ML                   | 75               | 0.002563 |
| 412 | ROMA MALKIST ABON 27G                      | 75               | 0.002563 |
| 413 | FANTA STRAWBERRY 390ML SERU                | 75               | 0.002563 |
| 414 | PANTENE SHP SILKY SMOOTH SCH 10ML          | 75               | 0.002563 |
| 415 | SR DOUBLE SOFT                             | 75               | 0.002563 |
| 416 | KIKO                                       | 75               | 0.002563 |
| 417 | MAMA LIME POUCH 105ML                      | 74               | 0.002529 |
| 418 | TEH KOTAK LESS SUGAR 300ML                 | 74               | 0.002529 |
| 419 | GERY SNACK SEREAL 26G BANTAL               | 73               | 0.002495 |
| 420 | QTELA SINGKONG BARBEQUE 60G                | 73               | 0.002495 |
| 421 | TIC TIC RASA BAWANG 25G                    | 73               | 0.002495 |
| 422 | KAPAS SELECTION 50G                        | 73               | 0.002495 |
| 423 | DOVE SHP DANDRUFF CARE 9ML(1000)           | 73               | 0.002495 |

| No  | Itemsets                              | Jumlah Transaksi | Support  |
|-----|---------------------------------------|------------------|----------|
| 424 | LIFEBUOY TS MILD CARE 70 G            | 73               | 0.002495 |
| 425 | SOBA MIE BALADO 21G                   | 73               | 0.002495 |
| 426 | DAIA PINK 55G SCH                     | 73               | 0.002495 |
| 427 | TEH KOTAK BLACKCURANT 200ML           | 72               | 0.002461 |
| 428 | DUPA JULUNGWANGI 932 KECIL            | 72               | 0.002461 |
| 429 | KOPI ABC PLUS 18G SCH                 | 72               | 0.002461 |
| 430 | VANESSA KEJU SUSU                     | 72               | 0.002461 |
| 431 | BISKUAT ORIGINAL 15,2G                | 71               | 0.002427 |
| 432 | PANTENE SHP HAIRFAL 10ML SCH          | 71               | 0.002427 |
| 433 | SUGUS STIK BLACKCURRANT 30G           | 71               | 0.002427 |
| 434 | PLASTIK RAJAWALI 1/4 KG               | 71               | 0.002427 |
| 435 | ISI KACIP HONAGA UKURAN 10            | 71               | 0.002427 |
| 436 | CAMILAN BUNDA 2000                    | 71               | 0.002427 |
| 437 | NICE TISSUE 60S                       | 70               | 0.002392 |
| 438 | REGAL 120G                            | 70               | 0.002392 |
| 439 | BIMOLI SPESIAL 1L RFL                 | 69               | 0.002358 |
| 440 | MY JELLY 15CUP @14G                   | 69               | 0.002358 |
| 441 | DOVE COND TOTAL DAMAGE TREATMENT 10ML | 69               | 0.002358 |
| 442 | FRUIT TEA BLACKCURRANT BTL 350ML      | 69               | 0.002358 |
| 443 | SUNSILK SHAMPOO BLACK SHINE 10ML      | 69               | 0.002358 |
| 444 | CHUPA CHUPS                           | 68               | 0.002324 |
| 445 | TEBS BTL 500ML                        | 68               | 0.002324 |
| 446 | RALITHA MENTE ORIGINAL                | 68               | 0.002324 |
| 447 | MI KUDA MENJANGAN PIPIH 200G          | 68               | 0.002324 |
| 448 | DOUBLEMINT STIK 13.5G                 | 67               | 0.002290 |
| 449 | PROCHIZ GOLD CHEDDAR 160G             | 67               | 0.002290 |
| 450 | LOKA DORAEMON MARSHALLOW 7G           | 67               | 0.002290 |
| 451 | SUKI AYAM KECAP 15G                   | 67               | 0.002290 |
| 452 | PANTENE SHP ANTI DANDRUF 5MLX2        | 66               | 0.002256 |
| 453 | SAJIKU TP BUMBU GOLDEN CRISPY 200G    | 66               | 0.002256 |
| 454 | XON CE 500MG                          | 66               | 0.002256 |
| 455 | PARFUM LAUNDRY SUPER 600 ML           | 66               | 0.002256 |
| 456 | LEM G REG.NO 15179344                 | 66               | 0.002256 |
| 457 | GULA MERAH PEDAWA 500G                | 66               | 0.002256 |
| 458 | SALONPAS REGULAR / PACK               | 66               | 0.002256 |
| 459 | BLUE BAND CAKE & COOKIE 200GR         | 66               | 0.002256 |
| 460 | AMPLOP BESAR/KECILPUTIH               | 65               | 0.002222 |
| 461 | KISPRAY GOLD 300ML REFILL             | 64               | 0.002187 |
| 462 | WALS MICKEY MOUSE 75ML                | 64               | 0.002187 |
| 463 | TEH KOTAK RASA APEL 200ML             | 64               | 0.002187 |
| 464 | PLASTIK BETUL 1KG                     | 64               | 0.002187 |

| No  | Itemsets                                | Jumlah Transaksi | Support  |
|-----|---|------------------|----------|
| 465 | ES LILIN BU AMINAH (2000)               | 62               | 0.002119 |
| 466 | ULTRA MILK CKLT 1000ML                  | 62               | 0.002119 |
| 467 | PULPEN GEL KOREA ALL SHI ZIN            | 61               | 0.002085 |
| 468 | JELLY MODI TOOTH P. & BRUSH 10G(24/KTK) | 61               | 0.002085 |
| 469 | GELLETTE BLUE 2                         | 61               | 0.002085 |
| 470 | PEPSODENT WHITE 120 G                   | 60               | 0.002051 |
| 471 | SUNLIGHT LIME 755/700ML                 | 59               | 0.002016 |
| 472 | ABC TERASI UDANG 84G                    | 56               | 0.001914 |
| 473 | TAMARIN TOPLES /1PCS                    | 54               | 0.001846 |
| 474 | CLEO GALON BESAR ISI                    | 50               | 0.001709 |
| 475 | SURYA PROFESIONAL                       | 49               | 0.001675 |
| 476 | GAS 12KG                                | 48               | 0.001641 |
| 477 | LUCKY STRIKE MERAH                      | 48               | 0.001641 |
| 478 | MAINAN BOLA WARNA JARING BESAR          | 47               | 0.001606 |
| 479 | ANGGUR MERAH CAP OT 620ML               | 46               | 0.001572 |
| 480 | ALPENLIEBE ECLAIR TOPLES                | 45               | 0.001538 |
| 481 | RK DUNHILL MILD 20 NEW MODERN           | 45               | 0.001538 |
| 482 | HANSAPLAST /LEMBAR                      | 45               | 0.001538 |
| 483 | KANCING PENITI 1.000                    | 45               | 0.001538 |
| 484 | SAMPOERNA MENTOL BURST                  | 44               | 0.001504 |
| 485 | DUNHILL BLACK 12                        | 44               | 0.001504 |
| 486 | PEWARNA MAKANAN MERAH TUA ( 12 / KTK )  | 44               | 0.001504 |
| 487 | DOUBLE FOLIO SIDU / LEMBAR              | 43               | 0.001470 |
| 488 | GG MERAH KRETEK 12                      | 43               | 0.001470 |
| 489 | PULPEN STANDARD AE7 ALL WARNA           | 38               | 0.001299 |
| 490 | DJI SAM SOE 16                          | 38               | 0.001299 |
| 491 | DJI SAM SOE /SNAPBOX 12                 | 37               | 0.001265 |
| 492 | RK IN MILD MENTOL                       | 33               | 0.001128 |
| 493 | RK ARDATH 20                            | 29               | 0.000991 |
| 494 | KIS MINT CHERRY TOPLES                  | 20               | 0.000684 |
| 495 | KIS MIT BARLEY TOPLES                   | 18               | 0.000615 |

#### Lampiran 6. Frequent 2-itemset

| No | Itemsets                                      | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 1  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH    | 829              | 0.028333 |
| 2  | GAS ELPIJI 3KG, AQUA GALON ISI                | 309              | 0.010561 |
| 3  | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G       | 230              | 0.007861 |
| 4  | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500 | 203              | 0.006938 |



| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 5  | CAMILAN BU KOMANG 5000, CAMILAN BU KOMANG 3500                    | 201              | 0.006870 |
| 6  | MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 19G (20 / RTG) 1000        | 192              | 0.006562 |
| 7  | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL 85G                      | 142              | 0.004853 |
| 8  | TELUR AYAM/BUTIR, SOSIS SONICE                                    | 140              | 0.004785 |
| 9  | SEDAAP MIE AYAM BAWANG , TELUR AYAM/BUTIR                         | 137              | 0.004682 |
| 10 | TELUR AYAM/BUTIR, SUKSES GORENG ISI 2 AYAM KREMES 133G            | 133              | 0.004546 |
| 11 | SEDAAP MIE AYAM BAWANG , MIE SEDAAP GORENG 90G                    | 128              | 0.004375 |
| 12 | PISANGKEJU/MARTABAK, KERIPIK AYAM (3000)                          | 115              | 0.003930 |
| 13 | SEDAAP MIE SOTO , MIE SEDAAP GORENG 90G                           | 105              | 0.003589 |
| 14 | MASAKO AYAM 9G (12/RTG) 500, SUKSES GORENG ISI 2 AYAM KREMES 133G | 101              | 0.003452 |
| 15 | GULA PASIR 1/2KG, TELUR AYAM/BUTIR                                | 97               | 0.003315 |
| 16 | GARAM YODIUM KARAPAN SAPI, TELUR AYAM/BUTIR                       | 96               | 0.003281 |
| 17 | GAS ELPIJI 3KG, YEH BLL GALON                                     | 95               | 0.003247 |
| 18 | SEDAAP MIE SOTO , TELUR AYAM/BUTIR                                | 89               | 0.003042 |
| 19 | MI TELUR 3 AYAM 200G, GULA PASIR/KG                               | 87               | 0.002973 |
| 20 | GULA PASIR 1/2KG, KOPI BANYUATIS 100G                             | 86               | 0.002939 |
| 21 | KRESEK KILAT MERAH BESAR, TELUR AYAM/BUTIR                        | 85               | 0.002905 |
| 22 | TELUR AYAM/BUTIR, LADAKU MERICA 1000 (12/ RTG)                    | 84               | 0.002871 |
| 23 | AQUA GALON ISI, TELUR AYAM/BUTIR                                  | 83               | 0.002837 |
| 24 | ROSE BRAND TEPUNG BERAS 500G, TERIGU 1KG                          | 82               | 0.002803 |
| 25 | FANTA MINI 250ML, SPRITE MINI 250ML                               | 77               | 0.002632 |
| 26 | KRESEK TUNGGAL 15 BENING, MASAKO AYAM 9G (12/RTG) 500             | 77               | 0.002632 |
| 27 | MASAKO AYAM 9G (12/RTG) 500, MINYAK SUNCO 500ML POUCH             | 77               | 0.002632 |
| 28 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500                          | 76               | 0.002597 |
| 29 | TERIGU 1/2KG, ROSE BRAND TEPUNG BERAS 500G                        | 75               | 0.002563 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 30 | MILKU COKELAT 200ML, MILKU STRAWBERRY 200ML                 | 74               | 0.002529 |
| 31 | INDOMIE AYAM BAWANG 69G, INDOMIE GORENG SPECIAL 85G         | 72               | 0.002461 |
| 32 | TELUR AYAM/BUTIR, INDOMILK SKM PLAIN 37G SCH                | 72               | 0.002461 |
| 33 | TELUR AYAM/BUTIR, GULA PASIR/KG                             | 72               | 0.002461 |
| 34 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 3000              | 71               | 0.002427 |
| 35 | GARAM YODIUM KARAPAN SAPI, MASAKO AYAM 9G (12/RTG) 500      | 71               | 0.002427 |
| 36 | TELUR AYAM/BUTIR, TERIGU 1/2KG                              | 68               | 0.002324 |
| 37 | INDOMIE SOTO MIE 70G, INDOMIE GORENG SPECIAL 85G            | 67               | 0.002290 |
| 38 | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL JUMBO 129G         | 66               | 0.002256 |
| 39 | MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 50G                  | 65               | 0.002222 |
| 40 | KOPI BANYUATIS 250G, GULA PASIR/KG                          | 64               | 0.002187 |
| 41 | TELUR AYAM/BUTIR, KERUPUK / KERIPIK/STIK1000                | 64               | 0.002187 |
| 42 | TELUR AYAM/BUTIR, AJINOMOTO 19G (20 / RTG) 1000             | 64               | 0.002187 |
| 43 | TELUR AYAM/BUTIR, SEDAAP MIE KARI SPESIAL                   | 63               | 0.002153 |
| 44 | INDOMIE AYAM SPESIAL 68G, INDOMIE GORENG SPECIAL 85G        | 63               | 0.002153 |
| 45 | TELUR AYAM/BUTIR, ROYCO RASA AYAM 9G                        | 62               | 0.002119 |
| 46 | GARAM YODIUM KARAPAN SAPI, TERASI UDANG CAP GS BONANG KECIL | 62               | 0.002119 |
| 47 | FORTUNE BANTAL 1 LT, TERIGU 1KG                             | 61               | 0.002085 |
| 48 | MASAKO AYAM 9G (12/RTG) 500, TERIGU 1KG                     | 60               | 0.002051 |
| 49 | MIE SEDAAP GORENG 90G, SEDAAP MIE KOREAN SPICY CHICKEN      | 60               | 0.002051 |
| 50 | NUTRISARI JERUK PERAS 14G SCH , LUWAK WHITE COFFEE SACHET   | 58               | 0.001982 |
| 51 | TELUR AYAM/BUTIR, INDOMILK SKM COKELAT 37G SCH              | 58               | 0.001982 |
| 52 | SEDAAP MIE SOTO , SEDAAP MIE AYAM BAWANG                    | 58               | 0.001982 |
| 53 | TELUR AYAM/BUTIR, SEDAAP MIE KOREAN SPICY CHICKEN           | 57               | 0.001948 |
| 54 | TELUR AYAM/BUTIR, PASEO SMART 50S                           | 57               | 0.001948 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 55 | TELUR AYAM/BUTIR, SEDAAP MIE GORENG AYAM KRISPI                     | 55               | 0.001880 |
| 56 | KRESEK TUNGGAL 15 BENING, AJINOMOTO 19G (20 / RTG) 1000             | 54               | 0.001846 |
| 57 | MASAKO AYAM 9G (12/RTG) 500, SUNLIGHT LIME SQUASH 105ML             | 54               | 0.001846 |
| 58 | INDOMIE KARI AYAM 72G, INDOMIE GORENG SPECIAL 85G                   | 54               | 0.001846 |
| 59 | AJINOMOTO 19G (20 / RTG) 1000, SUKSES GORENG ISI 2 AYAM KREMES 133G | 53               | 0.001811 |
| 60 | KOPI BANYUATIS 200GR, GULA PASIR/KG                                 | 53               | 0.001811 |
| 61 | LEMPOG DAN DADAR 1000, GORENGAN ALL 1000                            | 52               | 0.001777 |
| 62 | YAKULT, SOSIS SONICE  | 52               | 0.001777 |
| 63 | TEH PUCUK HARUM JASMINE 350ML, TEH PUCUK HARUM LESS SUGAR 350ML     | 52               | 0.001777 |
| 64 | MASAKO AYAM 9G (12/RTG) 500, TERIGU 1/2KG                           | 52               | 0.001777 |
| 65 | SUN KARA 65ML ( 36 / DUS ), TELUR AYAM/BUTIR                        | 52               | 0.001777 |
| 66 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 4000                      | 51               | 0.001743 |
| 67 | KERIPIK AYAM (3000), GORENGAN ALL 1000                              | 51               | 0.001743 |
| 68 | MASAKO AYAM 9G (12/RTG) 500, LADAKU MERICA 1000 (12/ RTG)           | 50               | 0.001709 |
| 69 | MIE SEDAAP GORENG 90G, SEDAAP MIE KARI SPESIAL                      | 50               | 0.001709 |
| 70 | CAMILAN BU KOMANG 5000, CAMILAN BU KOMANG 3000                      | 50               | 0.001709 |
| 71 | MASAKO AYAM 9G (12/RTG) 500, ROSE BRAND TEPUNG BERAS 500G           | 49               | 0.001675 |
| 72 | SEDAAP MIE SOTO , SEDAAP MIE GORENG AYAM KRISPI                     | 49               | 0.001675 |
| 73 | CAMILAN BU KOMANG 3500, KERUPUK / KERIPIK/STIK1000                  | 48               | 0.001641 |
| 74 | BATU DUREN/PUTRI AYU, GORENGAN ALL 1000                             | 48               | 0.001641 |
| 75 | TELUR AYAM/BUTIR, NEONAPACIN/TBL                                    | 47               | 0.001606 |
| 76 | WALSS POPULAIRE STRAWBERRY 90ML, WALS POPULAIRE COKLAT 90ML         | 47               | 0.001606 |
| 77 | ULTRA MILK COKELAT 125ML, ULTRA MILK STRAWBERRY 125ML               | 46               | 0.001572 |

| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 78 | TELUR AYAM/BUTIR, ROSE BRAND<br>TEPUNG BERAS 500G  | 45               | 0.001538 |
| 79 | KRESEK KILAT MERAH BESAR, MINYAK<br>SUNCO 500ML POUCH                                    | 45               | 0.001538 |
| 80 | GULA MERAH JAWA 500G, TERIGU 1KG   | 45               | 0.001538 |
| 81 | COCA COLA MINI 250ML, SPRITE MINI<br>250ML   | 45               | 0.001538 |
| 82 | AOKA ROTI PANGGANG RASA KEJU 65G,<br>AOKA ROTI PANGGANG RASA<br>BLUEBERRY/STRAWBERRY 65G | 45               | 0.001538 |
| 83 | MIE SEDAAP GORENG 90G, MINYAK<br>SUNCO 500ML POUCH                                       | 45               | 0.001538 |
| 84 | GAS ELPIJI 3KG, TELUR AYAM/BUTIR   | 45               | 0.001538 |
| 85 | TELUR AYAM/BUTIR, SUNLIGHT LIME<br>SQUASH 105ML  | 45               | 0.001538 |
| 86 | RACIK NASI GORENG 20G, TELUR<br>AYAM/BUTIR   | 44               | 0.001504 |
| 87 | AOKA ROTI PANGGANG RASA VANILA<br>65G, AOKA ROTI PANGGANG RASA<br>COKELAT 65G            | 44               | 0.001504 |
| 88 | FORTUNE BANTAL 1 LT, MASAKO AYAM<br>9G (12/RTG) 500                                      | 43               | 0.001470 |
| 89 | TEPUNG PUTRI SEJATI 500G, TELUR<br>AYAM/BUTIR  | 43               | 0.001470 |
| 90 | TERASI UDANG CAP GS BONANG KECIL ,<br>MASAKO AYAM 9G (12/RTG) 500                        | 43               | 0.001470 |
| 91 | TELUR AYAM/BUTIR, MASAKO SAPI 9G<br>(12/RTG) 500   | 43               | 0.001470 |
| 92 | MASAKO AYAM 9G (12/RTG) 500,<br>AJINOMOTO 7,5G (24 / RTG) 500                            | 43               | 0.001470 |
| 93 | CAMILAN BU KOMANG 5000, CAMILAN<br>BU KOMANG 4000  | 43               | 0.001470 |
| 94 | TELUR AYAM/BUTIR, DANCOW INSTAN<br>27G ( 10/RCG )  | 42               | 0.001435 |
| 95 | CAMILAN BU KOMANG 3500, SOSIS<br>SONICE  | 42               | 0.001435 |
| 96 | TELUR AYAM/BUTIR, GORENGAN ALL<br>1000   | 41               | 0.001401 |
| 97 | GULA PASIR 1/2KG, KOPI BANYUATIS<br>50G  | 41               | 0.001401 |
| 98 | WALLS FEAST COKELAT 65ML, WALLS<br>FEAST VANILLA 65ML                                    | 40               | 0.001367 |
| 99 | CAMILAN BU KOMANG 3500, LE<br>MINERAL 1500 ML  | 40               | 0.001367 |



| No  | Itemsets   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 100 | GARAM YODIUM KARAPAN SAPI, AJINOMOTO 19G (20 / RTG) 1000                             | 40               | 0.001367 |
| 101 | EKO MIE 2 110G, TELUR AYAM/BUTIR   | 40               | 0.001367 |
| 102 | SUKSES GORENG ISI 2 AYAM KREMES 133G, MINYAK SUNCO 500ML POUCH                       | 40               | 0.001367 |
| 103 | TELUR AYAM/BUTIR, TEH PUCUK HARUM JASMINE 350ML                                      | 39               | 0.001333 |
| 104 | TELUR AYAM/BUTIR, SAJIKU NASI GORENG SUPER PEDAS 20G(10/RTG)                         | 39               | 0.001333 |
| 105 | MASAKO SAPI 9G (12/RTG) 500, LADAKU MERICA 1000 (12/ RTG)                            | 39               | 0.001333 |
| 106 | COCA COLA MINI 250ML, FANTA MINI 250ML   | 38               | 0.001299 |
| 107 | TELUR AYAM/BUTIR, LUWAK WHITE COFFEE SACHET  | 38               | 0.001299 |
| 108 | BEAR BRAND STM 189ML ( 30 / SLOP ), YOU C 1000 ORANGE 140ML                          | 38               | 0.001299 |
| 109 | GULA PASIR 1/2KG, TERIGU 1KG   | 38               | 0.001299 |
| 110 | INDOMILK COKLAT BTL 190ML, INDOMILK STRWB BTL 190ML                                  | 38               | 0.001299 |
| 111 | MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G                                    | 38               | 0.001299 |
| 112 | GULA PASIR 1/2KG, ROSE BRAND TEPUNG BERAS 500G                                       | 37               | 0.001265 |
| 113 | MOMOGI COKELAT 6G, MOMOGI JAGUNG BAKAR 6G  | 37               | 0.001265 |
| 114 | TEPUNG PUTRI SEJATI 500G, MINYAK SUNCO 500ML POUCH                                   | 37               | 0.001265 |
| 115 | DANCOW COKLAT 39G SCH, DANCOW INSTAN 27G ( 10/RCG )                                  | 37               | 0.001265 |
| 116 | TELUR AYAM/BUTIR, FF SKM 38G   | 37               | 0.001265 |
| 117 | GULA MERAH JAWA 500G, ROSE BRAND TEPUNG BERAS 500G                                   | 37               | 0.001265 |
| 118 | YAKULT, CAMILAN BU KOMANG 3500   | 36               | 0.001230 |
| 119 | TELUR AYAM/BUTIR, INDOMIE AYAM BAWANG 69G  | 36               | 0.001230 |
| 120 | AJINOMOTO 19G (20 / RTG) 1000, MINYAK SUNCO 500ML POUCH                              | 36               | 0.001230 |
| 121 | MIE SEDAAP GORENG 90G, SOSIS SONICE  | 36               | 0.001230 |
| 122 | AOKA ROTI PANGGANG RASA BLUEBERRY/STRAWBERRY 65G, AOKA ROTI PANGGANG RASA VANILA 65G | 36               | 0.001230 |
| 123 | TELUR AYAM/BUTIR, KOPI BANYUATIS 50G   | 36               | 0.001230 |

| No  | Itemsets   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 124 | TERASI UDANG CAP GS BONANG KECIL ,<br>TELUR AYAM/BUTIR                                     | 36               | 0.001230 |
| 125 | INDOMIE GORENG SPECIAL JUMBO<br>129G, INDOMIE GORENG SPECIAL 85G                           | 35               | 0.001196 |
| 126 | KRESEK KILAT MERAH BESAR, INDOMIE<br>GORENG SPECIAL 85G                                    | 35               | 0.001196 |
| 127 | TELUR AYAM/BUTIR, SAORI SAUS<br>TIRAM 23ML(10/RTG)   | 35               | 0.001196 |
| 128 | AQUA GALON ISI, YEH BLL GALON  | 35               | 0.001196 |
| 129 | AQUA GALON ISI, GULA PASIR/KG  | 35               | 0.001196 |
| 130 | TELUR AYAM/BUTIR, SELFIE MINYAK<br>GORENG 200ML CUP  | 35               | 0.001196 |
| 131 | AQUA GALON ISI, AQUA GELAS/DUS   | 35               | 0.001196 |
| 132 | SEDAAP MIE SOTO , SEDAAP MIE KARI<br>SPESIAL   | 34               | 0.001162 |
| 133 | CAMILAN BU KOMANG 3500, AQUA<br>BOTOL 1500ML   | 34               | 0.001162 |
| 134 | TELUR AYAM/BUTIR, SEDAAP MIE KARI<br>AYAM  | 34               | 0.001162 |
| 135 | KRESEK TUNGGAL 15 BENING, TELUR<br>AYAM/BUTIR  | 34               | 0.001162 |
| 136 | PADDLE POP RAINBOW 50ML, TRICO<br>60ML   | 34               | 0.001162 |
| 137 | AQUA BOTOL 600ML, AQUA BOTOL<br>1500ML   | 34               | 0.001162 |
| 138 | TEH PUCUK HARUM JASMINE 350ML,<br>KERUPUK / KERIPIK/STIK1000                               | 33               | 0.001128 |
| 139 | TEPUNG PUTRI SEJATI 500G, SUKSES<br>GORENG ISI 2 AYAM KREMES 133G                          | 33               | 0.001128 |
| 140 | BEAR BRAND STM 189ML ( 30 / SLOP ),<br>LARUTAN CAP KAKI TIGA TAWAR BTL<br>500ML            | 33               | 0.001128 |
| 141 | SEDAAP MIE GORENG AYAM KRISPI ,<br>MIE SEDAAP GORENG 90G                                   | 33               | 0.001128 |
| 142 | INDOMIE AYAM BAWANG 69G, INDOMIE<br>SOTO MIE 70G   | 32               | 0.001094 |
| 143 | AOKA ROTI PANGGANG RASA<br>BLUEBERRY/STRAWBERRY 65G, AOKA<br>ROTI PANGGANG RASA DURIAN 65G | 32               | 0.001094 |
| 144 | GULA PASIR 1/2KG, TERIGU 1/2KG   | 32               | 0.001094 |
| 145 | KN KOTAK NAGA 80S , MASAKO SAPI 9G<br>(12/RTG) 500   | 32               | 0.001094 |
| 146 | KRESEK KILAT MERAH BESAR, GULA<br>PASIR/KG   | 32               | 0.001094 |
| 147 | AHH COKELAT 5.5G, AHH KEJU 5.5G  | 32               | 0.001094 |

| No  | Itemsets  | Jumlah Transaksi | Support  |
|-----|---|------------------|----------|
| 148 | SOSIS SONICE, KERUPUK / KERIPIK/STIK1000                | 32               | 0.001094 |
| 149 | TELUR AYAM/BUTIR, INDOMIE GORENG RASA AYAM GEPREK 85G   | 32               | 0.001094 |
| 150 | SUNLIGHT LIME SQUASH 105ML, MINYAK SUNCO 500ML POUCH    | 32               | 0.001094 |
| 151 | GULA PASIR 1/2KG, SUN KARA 65ML ( 36 / DUS )            | 32               | 0.001094 |
| 152 | TELUR AYAM/BUTIR, INDOMIE RASA SOTO LAMONGAN 80G        | 32               | 0.001094 |
| 153 | TELUR AYAM/BUTIR, INDOMIE SOTO MIE 70G                  | 32               | 0.001094 |
| 154 | YAKULT, TELUR AYAM/BUTIR                                | 31               | 0.001060 |
| 155 | SEDAAP MIE AYAM BAWANG , INDOMIE GORENG SPECIAL 85G     | 31               | 0.001060 |
| 156 | LUWAK WHITE COFFEE SACHET, IN MILD 16                   | 31               | 0.001060 |
| 157 | MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 40G              | 31               | 0.001060 |
| 158 | NEXTAR PINEAPPLE JAM 34G, NEXTAR CHOCO BROWNIES 34G     | 31               | 0.001060 |
| 159 | TELUR AYAM/BUTIR, MI TELUR 3 AYAM 200G                  | 31               | 0.001060 |
| 160 | TEPUNG PUTRI SEJATI 500G, MASAKO AYAM 9G (12/RTG) 500   | 31               | 0.001060 |
| 161 | KERUPUK / KERIPIK/STIK1000, KRUPUK RAMBAK NAMIRA 2000   | 31               | 0.001060 |
| 162 | CAMILAN BU KOMANG 3500, TEH PUCUK HARUM JASMINE 350ML   | 31               | 0.001060 |
| 163 | KRESEK KILAT MERAH BESAR, CAMILAN BU KOMANG 5000        | 31               | 0.001060 |
| 164 | INDOMIE AYAM SPESIAL 68G, INDOMIE AYAM BAWANG 69G       | 31               | 0.001060 |
| 165 | GULA PASIR 1/2KG, GULA PASIR/KG                         | 31               | 0.001060 |
| 166 | GARAM YODIUM KARAPAN SAPI, LADAKU MERICA 1000 (12/ RTG) | 31               | 0.001060 |
| 167 | MASAKO AYAM 9G (12/RTG) 500, GULA MERAH JAWA 500G       | 31               | 0.001060 |
| 168 | PISANGKEJU/MARTABAK, GORENGAN ALL 1000                  | 30               | 0.001025 |
| 169 | AQUA GALON ISI, MINYAK SUNCO 500ML POUCH                | 30               | 0.001025 |
| 170 | SOSIS SONICE, TEH PUCUK HARUM JASMINE 350ML             | 30               | 0.001025 |

| No  | Itemsets   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 171 | SEGITIGA BIRU 500G, TELUR AYAM/BUTIR                           | 30               | 0.001025 |
| 172 | INDOMIE SOTO MIE 70G, INDOMIE KARI AYAM 72G                    | 30               | 0.001025 |
| 173 | INDOMIE SOTO MIE 70G, MIE SEDAAP GORENG 90G                    | 30               | 0.001025 |
| 174 | KRESEK TUNGGAL 15 BENING, SUKSES GORENG ISI 2 AYAM KREMES 133G | 30               | 0.001025 |
| 175 | TEH PUCUK HARUM JASMINE 350ML, TEH PUCUK HARUM JASMINE 500ML   | 30               | 0.001025 |

### Lampiran 7. Frequent 3-itemset

| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 1  | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, SUKSES GORENG ISI 2 AYAM KREMES 133G              | 69               | 0.002358 |
| 2  | MASAKO AYAM 9G (12/RTG) 500, SUKSES GORENG ISI 2 AYAM KREMES 133G, AJINOMOTO 19G (20 / RTG) 1000 | 47               | 0.001606 |
| 3  | KRESEK TUNGGAL 15 BENING, MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 19G (20 / RTG) 1000             | 45               | 0.001538 |
| 4  | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 19G (20 / RTG) 1000                     | 44               | 0.001504 |
| 5  | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, MINYAK SUNCO 500ML POUCH                                | 36               | 0.001230 |
| 6  | KRESEK KILAT MERAH BESAR, TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH                             | 34               | 0.001162 |
| 7  | TELUR AYAM/BUTIR, AJINOMOTO 19G (20 / RTG) 1000, SUKSES GORENG ISI 2 AYAM KREMES 133G            | 34               | 0.001162 |
| 8  | SEDAAP MIE AYAM BAWANG , TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G                                 | 33               | 0.001128 |
| 9  | AQUA GALON ISI, TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH                                       | 30               | 0.001025 |
| 10 | MASAKO AYAM 9G (12/RTG) 500, MINYAK SUNCO 500ML POUCH, AJINOMOTO 19G (20 / RTG) 1000             | 30               | 0.001025 |
| 11 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GULA PASIR/KG  | 23               | 0.000786 |



| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 12 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G    | 20               | 0.000684 |
| 13 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MASAKO AYAM 9G (12/RTG) 500   | 20               | 0.000684 |
| 14 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GAS ELPIJI 3KG                | 17               | 0.000581 |
| 15 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, MINYAK SUNCO 500ML POUCH        | 12               | 0.000410 |
| 16 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000        | 12               | 0.000410 |
| 17 | TELUR AYAM/BUTIR, AQUA GALON ISI, GAS ELPIJI 3KG                          | 11               | 0.000376 |
| 18 | TELUR AYAM/BUTIR, SOSIS SONICE, MIE SEDAAP GORENG 90G                     | 10               | 0.000342 |
| 19 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, KERUPUK / KERIPIK/STIK1000    | 9                | 0.000308 |
| 20 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, KRESEK KILAT MERAH BESAR  | 8                | 0.000273 |
| 21 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR         | 7                | 0.000239 |
| 22 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G       | 7                | 0.000239 |
| 23 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML    | 7                | 0.000239 |
| 24 | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR    | 7                | 0.000239 |
| 25 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, TEH PUCUK HARUM JASMINE 350ML | 6                | 0.000205 |
| 26 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, SOSIS SONICE                  | 6                | 0.000205 |
| 27 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GORENGAN ALL 1000             | 6                | 0.000205 |
| 28 | TELUR AYAM/BUTIR, AQUA GALON ISI, INDOMIE GORENG SPECIAL 85G              | 6                | 0.000205 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 29 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, GAS ELPIJI 3KG                          | 6                | 0.000205 |
| 30 | MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR         | 5                | 0.000171 |
| 31 | TELUR AYAM/BUTIR, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G       | 4                | 0.000137 |
| 32 | CAMILAN BU KOMANG 3500, AQUA GALON ISI, GAS ELPIJI 3KG                            | 4                | 0.000137 |
| 33 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, MASAKO AYAM 9G (12/RTG) 500              | 4                | 0.000137 |
| 34 | TELUR AYAM/BUTIR, SOSIS SONICE, KRESEK KILAT MERAH BESAR                          | 4                | 0.000137 |
| 35 | TELUR AYAM/BUTIR, SOSIS SONICE, INDOMIE GORENG SPECIAL 85G                        | 4                | 0.000137 |
| 36 | TELUR AYAM/BUTIR, AQUA GALON ISI, MIE SEDAAP GORENG 90G                           | 3                | 0.000103 |
| 37 | TELUR AYAM/BUTIR, SOSIS SONICE, KERUPUK / KERIPIK/STIK1000                        | 3                | 0.000103 |
| 38 | CAMILAN BU KOMANG 3500, AQUA GALON ISI, CAMILAN BU KOMANG 5000                    | 3                | 0.000103 |
| 39 | TELUR AYAM/BUTIR, SOSIS SONICE, MASAKO AYAM 9G (12/RTG) 500                       | 3                | 0.000103 |
| 40 | AQUA GALON ISI, GAS ELPIJI 3KG, INDOMIE GORENG SPECIAL 85G                        | 3                | 0.000103 |
| 41 | SOSIS SONICE, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML                | 3                | 0.000103 |
| 42 | AQUA GALON ISI, GAS ELPIJI 3KG, TEH PUCUK HARUM JASMINE 350ML                     | 3                | 0.000103 |
| 43 | AQUA GALON ISI, GAS ELPIJI 3KG, GULA PASIR/KG                                     | 3                | 0.000103 |
| 44 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, GORENGAN ALL 1000                 | 3                | 0.000103 |
| 45 | CAMILAN BU KOMANG 3500, SOSIS SONICE, CAMILAN BU KOMANG 5000                      | 3                | 0.000103 |
| 46 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, GORENGAN ALL 1000                        | 3                | 0.000103 |
| 47 | TELUR AYAM/BUTIR, SOSIS SONICE, GULA PASIR/KG                                     | 3                | 0.000103 |
| 48 | CAMILAN BU KOMANG 3500, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML | 3                | 0.000103 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 49 | TELUR AYAM/BUTIR, SOSIS SONICE, GORENGAN ALL 1000                               | 3                | 0.000103 |
| 50 | TELUR AYAM/BUTIR, SOSIS SONICE, TEH PUCUK HARUM JASMINE 350ML                   | 3                | 0.000103 |
| 51 | MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR  | 3                | 0.000103 |
| 52 | MINYAK SUNCO 500ML POUCH, MASAKO AYAM 9G (12/RTG) 500, KRESEK KILAT MERAH BESAR | 2                | 0.000068 |
| 53 | MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000, KRESEK KILAT MERAH BESAR      | 2                | 0.000068 |
| 54 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G      | 2                | 0.000068 |
| 55 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, KERUPUK / KERIPIK/STIK1000      | 2                | 0.000068 |
| 56 | SOSIS SONICE, KERUPUK / KERIPIK/STIK1000, KRESEK KILAT MERAH BESAR              | 2                | 0.000068 |
| 57 | CAMILAN BU KOMANG 3500, MIE SEDAAP GORENG 90G, CAMILAN BU KOMANG 5000           | 2                | 0.000068 |
| 58 | MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G     | 2                | 0.000068 |
| 59 | CAMILAN BU KOMANG 3500, SOSIS SONICE, TEH PUCUK HARUM JASMINE 350ML             | 2                | 0.000068 |
| 60 | SOSIS SONICE, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR                   | 2                | 0.000068 |
| 61 | MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000, GORENGAN ALL 1000            | 2                | 0.000068 |
| 62 | MIE SEDAAP GORENG 90G, GORENGAN ALL 1000, INDOMIE GORENG SPECIAL 85G            | 2                | 0.000068 |
| 63 | TELUR AYAM/BUTIR, AQUA GALON ISI, MASAKO AYAM 9G (12/RTG) 500                   | 2                | 0.000068 |
| 64 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000             | 2                | 0.000068 |
| 65 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, GAS ELPIJI 3KG                         | 2                | 0.000068 |

| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 66 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, INDOMIE GORENG SPECIAL 85G         | 2                | 0.000068 |
| 67 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, TEH PUCUK HARUM JASMINE 350ML      | 2                | 0.000068 |
| 68 | TELUR AYAM/BUTIR, KERUPUK / KERIPIK/STIK1000, INDOMIE GORENG SPECIAL 85G     | 2                | 0.000068 |
| 69 | MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR  | 2                | 0.000068 |
| 70 | TELUR AYAM/BUTIR, GULA PASIR/KG, KRESEK KILAT MERAH BESAR                    | 2                | 0.000068 |
| 71 | TELUR AYAM/BUTIR, GORENGAN ALL 1000, INDOMIE GORENG SPECIAL 85G              | 2                | 0.000068 |
| 72 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, MIE SEDAAP GORENG 90G              | 2                | 0.000068 |
| 73 | CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR | 2                | 0.000068 |
| 74 | GAS ELPIJI 3KG, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G    | 1                | 0.000034 |
| 75 | SOSIS SONICE, TEH PUCUK HARUM JASMINE 350ML, KRESEK KILAT MERAH BESAR        | 1                | 0.000034 |
| 76 | SOSIS SONICE, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML      | 1                | 0.000034 |
| 77 | SOSIS SONICE, KERUPUK / KERIPIK/STIK1000, GORENGAN ALL 1000                  | 1                | 0.000034 |
| 78 | GAS ELPIJI 3KG, GULA PASIR/KG, INDOMIE GORENG SPECIAL 85G                    | 1                | 0.000034 |
| 79 | SOSIS SONICE, CAMILAN BU KOMANG 5000, KRESEK KILAT MERAH BESAR               | 1                | 0.000034 |
| 80 | SOSIS SONICE, GAS ELPIJI 3KG, MASAKO AYAM 9G (12/RTG) 500                    | 1                | 0.000034 |
| 81 | SOSIS SONICE, MASAKO AYAM 9G (12/RTG) 500, KRESEK KILAT MERAH BESAR          | 1                | 0.000034 |
| 82 | AQUA GALON ISI, KERUPUK / KERIPIK/STIK1000, GAS ELPIJI 3KG                   | 1                | 0.000034 |



| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 83 | AQUA GALON ISI, MIE SEDAAP GORENG 90G, GAS ELPIJI 3KG                            | 1                | 0.000034 |
| 84 | AQUA GALON ISI, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR                  | 1                | 0.000034 |
| 85 | AQUA GALON ISI, CAMILAN BU KOMANG 5000, GAS ELPIJI 3KG                           | 1                | 0.000034 |
| 86 | MIE SEDAAP GORENG 90G, CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G        | 1                | 0.000034 |
| 87 | CAMILAN BU KOMANG 5000, GORENGAN ALL 1000, INDOMIE GORENG SPECIAL 85G            | 1                | 0.000034 |
| 88 | AQUA GALON ISI, GAS ELPIJI 3KG, MASAKO AYAM 9G (12/RTG) 500                      | 1                | 0.000034 |
| 89 | CAMILAN BU KOMANG 5000, GULA PASIR/KG, KRESEK KILAT MERAH BESAR                  | 1                | 0.000034 |
| 90 | CAMILAN BU KOMANG 5000, KERUPUK / KERIPIK/STIK1000, KRESEK KILAT MERAH BESAR     | 1                | 0.000034 |
| 91 | AQUA GALON ISI, GAS ELPIJI 3KG, KRESEK KILAT MERAH BESAR                         | 1                | 0.000034 |
| 92 | MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000, INDOMIE GORENG SPECIAL 85G    | 1                | 0.000034 |
| 93 | MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML | 1                | 0.000034 |
| 94 | AQUA GALON ISI, GULA PASIR/KG, INDOMIE GORENG SPECIAL 85G                        | 1                | 0.000034 |
| 95 | MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML, KRESEK KILAT MERAH BESAR   | 1                | 0.000034 |
| 96 | CAMILAN BU KOMANG 3500, MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G        | 1                | 0.000034 |
| 97 | SOSIS SONICE, MIE SEDAAP GORENG 90G, MASAKO AYAM 9G (12/RTG) 500                 | 1                | 0.000034 |
| 98 | CAMILAN BU KOMANG 3500, MIE SEDAAP GORENG 90G, GORENGAN ALL 1000                 | 1                | 0.000034 |
| 99 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000                 | 1                | 0.000034 |

| No  | Itemsets  | Jumlah Transaksi | Support  |
|-----|---|------------------|----------|
| 100 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, KRESEK KILAT MERAH BESAR            | 1                | 0.000034 |
| 101 | TELUR AYAM/BUTIR, AQUA GALON ISI, GULA PASIR/KG                               | 1                | 0.000034 |
| 102 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, GULA PASIR/KG                        | 1                | 0.000034 |
| 103 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 5000, GAS ELPIJI 3KG                      | 1                | 0.000034 |
| 104 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 5000, KRESEK KILAT MERAH BESAR            | 1                | 0.000034 |
| 105 | TELUR AYAM/BUTIR, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML   | 1                | 0.000034 |
| 106 | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, GORENGAN ALL 1000              | 1                | 0.000034 |
| 107 | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, INDOMIE GORENG SPECIAL 85G     | 1                | 0.000034 |
| 108 | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, KRESEK KILAT MERAH BESAR       | 1                | 0.000034 |
| 109 | TELUR AYAM/BUTIR, TEH PUCUK HARUM JASMINE 350ML, KRESEK KILAT MERAH BESAR     | 1                | 0.000034 |
| 110 | CAMILAN BU KOMANG 3500, MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000      | 1                | 0.000034 |
| 111 | CAMILAN BU KOMANG 3500, SOSIS SONICE, KERUPUK / KERIPIK/STIK1000              | 1                | 0.000034 |
| 112 | CAMILAN BU KOMANG 3500, SOSIS SONICE, GORENGAN ALL 1000                       | 1                | 0.000034 |
| 113 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, SOSIS SONICE                        | 1                | 0.000034 |
| 114 | SOSIS SONICE, MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000               | 1                | 0.000034 |
| 115 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, GAS ELPIJI 3KG                | 1                | 0.000034 |
| 116 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, GULA PASIR/KG                 | 1                | 0.000034 |
| 117 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, TEH PUCUK HARUM JASMINE 350ML | 1                | 0.000034 |

| No  | Itemsets  | Jumlah Transaksi | Support  |
|-----|---|------------------|----------|
| 118 | CAMILAN BU KOMANG 3500, GAS ELPIJI 3KG, TEH PUCUK HARUM JASMINE 350ML               | 1                | 0.000034 |
| 119 | CAMILAN BU KOMANG 3500, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR        | 1                | 0.000034 |
| 120 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, MIE SEDAAP GORENG 90G                     | 1                | 0.000034 |
| 121 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, MASAKO AYAM 9G (12/RTG) 500               | 1                | 0.000034 |
| 122 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, INDOMIE GORENG SPECIAL 85G                | 1                | 0.000034 |
| 123 | MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, GULA PASIR/KG                      | 1                | 0.000034 |
| 124 | MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML      | 1                | 0.000034 |
| 125 | MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G        | 1                | 0.000034 |
| 126 | MINYAK SUNCO 500ML POUCH, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML | 1                | 0.000034 |
| 127 | MINYAK SUNCO 500ML POUCH, GULA PASIR/KG, KRESEK KILAT MERAH BESAR                   | 1                | 0.000034 |
| 128 | MINYAK SUNCO 500ML POUCH, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G | 1                | 0.000034 |
| 129 | GULA PASIR/KG, TEH PUCUK HARUM JASMINE 350ML, KRESEK KILAT MERAH BESAR              | 1                | 0.000034 |

#### Lampiran 8. Frequent 4-itemset

| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 1  | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, SUKSES GORENG ISI 2 AYAM KREMES 133G, AJINOMOTO 19G (20 / RTG) 1000 | 30               | 0.001025 |
| 2  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, GAS ELPIJI 3KG   | 6                | 0.000205 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 3  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, SEDAAP MIE AYAM BAWANG         | 5                | 0.000171 |
| 4  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR       | 4                | 0.000137 |
| 5  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, KRESEK KILAT MERAH BESAR, GULA PASIR 1/2KG            | 3                | 0.000103 |
| 6  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR  | 2                | 0.000068 |
| 7  | TELUR AYAM/BUTIR, AQUA GALON ISI, GAS ELPIJI 3KG, BEAR BRAND STM 189ML ( 30 / SLOP )              | 2                | 0.000068 |
| 8  | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, GORENGAN ALL 1000, SEDAAP MIE AYAM BAWANG                | 2                | 0.000068 |
| 9  | TELUR AYAM/BUTIR, SOSIS SONICE, MIE SEDAAP GORENG 90G, SEDAAP MIE AYAM BAWANG                     | 2                | 0.000068 |
| 10 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, BEAR BRAND STM 189ML ( 30 / SLOP )    | 2                | 0.000068 |
| 11 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, INDOMIE GORENG SPECIAL 85G     | 2                | 0.000068 |
| 12 | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR, YOU C 1000 ORANGE 140ML   | 1                | 0.000034 |
| 13 | CAMILAN BU KOMANG 3500, MIE SEDAAP GORENG 90G, CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G | 1                | 0.000034 |
| 14 | CAMILAN BU KOMANG 3500, SOSIS SONICE, GORENGAN ALL 1000, KERIPIK AYAM (3000)                      | 1                | 0.000034 |
| 15 | CAMILAN BU KOMANG 3500, SOSIS SONICE, CAMILAN BU KOMANG 5000, YOU C 1000 ORANGE 140ML             | 1                | 0.000034 |
| 16 | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL 85G, YAKULT, BEAR BRAND STM 189ML ( 30 / SLOP )          | 1                | 0.000034 |



| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 17 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000                  | 1                | 0.000034 |
| 18 | TELUR AYAM/BUTIR, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G, SAMPOERNA MILD 16              | 1                | 0.000034 |
| 19 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, BEAR BRAND STM 189ML ( 30 / SLOP ), YOU C 1000 ORANGE 140ML | 1                | 0.000034 |
| 20 | TELUR AYAM/BUTIR, GULA PASIR/KG, BEAR BRAND STM 189ML ( 30 / SLOP ), GARAM YODIUM KARAPAN SAPI              | 1                | 0.000034 |
| 21 | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500, GULA PASIR 1/2KG, GARAM YODIUM KARAPAN SAPI                  | 1                | 0.000034 |
| 22 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR, SEDAAP MIE AYAM BAWANG                   | 1                | 0.000034 |
| 23 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, GORENGAN ALL 1000, INDOMIE GORENG SPECIAL 85G                      | 1                | 0.000034 |
| 24 | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G, MASAKO AYAM 9G (12/RTG) 500, SEDAAP MIE AYAM BAWANG                | 1                | 0.000034 |
| 25 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, GULA PASIR 1/2KG, BEAR BRAND STM 189ML ( 30 / SLOP )        | 1                | 0.000034 |
| 26 | CAMILAN BU KOMANG 3500, BEAR BRAND STM 189ML ( 30 / SLOP ), AQUA BOTOL 1500ML, YOU C 1000 ORANGE 140ML      | 1                | 0.000034 |
| 27 | CAMILAN BU KOMANG 3500, CAMILAN BU KOMANG 5000, AQUA BOTOL 1500ML, AQUA BOTOL 600ML                         | 1                | 0.000034 |
| 28 | SOSIS SONICE, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML, KRESEK KILAT MERAH BESAR                | 1                | 0.000034 |
| 29 | GULA PASIR/KG, KRESEK KILAT MERAH BESAR, YAKULT, BEAR BRAND STM 189ML ( 30 / SLOP )                         | 1                | 0.000034 |
| 30 | CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT  | 1                | 0.000034 |

| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
|    | MERAH BESAR, SEDAAP MIE AYAM BAWANG  |                  |          |
| 31 | CAMILAN BU KOMANG 5000, GORENGAN ALL 1000, GULA PASIR 1/2KG, SAMPOERNA MILD 16                           | 1                | 0.000034 |
| 32 | MIE SEDAAP GORENG 90G, KERUPUK / KERIPIK/STIK1000, GORENGAN ALL 1000, GARAM YODIUM KARAPAN SAPI          | 1                | 0.000034 |
| 33 | SOSIS SONICE, KRESEK KILAT MERAH BESAR, GARAM YODIUM KARAPAN SAPI, SEDAAP MIE AYAM BAWANG                | 1                | 0.000034 |
| 34 | SOSIS SONICE, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR, SEDAAP MIE AYAM BAWANG                    | 1                | 0.000034 |
| 35 | SOSIS SONICE, MIE SEDAAP GORENG 90G, MASAKO AYAM 9G (12/RTG) 500, SEDAAP MIE AYAM BAWANG                 | 1                | 0.000034 |
| 36 | CAMILAN BU KOMANG 3500, KERUPUK / KERIPIK/STIK1000, GULA PASIR 1/2KG, BEAR BRAND STM 189ML ( 30 / SLOP ) | 1                | 0.000034 |
| 37 | MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR, YOU C 1000 ORANGE 140ML  | 1                | 0.000034 |
| 38 | MINYAK SUNCO 500ML POUCH, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G, SAMPOERNA MILD 16   | 1                | 0.000034 |
| 39 | MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000, INDOMIE GORENG SPECIAL 85G, KRESEK KILAT MERAH BESAR   | 1                | 0.000034 |
| 40 | MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, KRESEK KILAT MERAH BESAR, SEDAAP MIE AYAM BAWANG        | 1                | 0.000034 |
| 41 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, GAS ELPIJI 3KG, BEAR BRAND STM 189ML ( 30 / SLOP )             | 1                | 0.000034 |
| 42 | MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, MIE SEDAAP GORENG 90G, GULA PASIR 1/2KG                        | 1                | 0.000034 |
| 43 | TELUR AYAM/BUTIR, AQUA GALON ISI, INDOMIE GORENG SPECIAL 85G, GARAM YODIUM KARAPAN SAPI                  | 1                | 0.000034 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 44 | TELUR AYAM/BUTIR, SOSIS SONICE, MASAKO AYAM 9G (12/RTG) 500, KRESEK KILAT MERAH BESAR                       | 1                | 0.000034 |
| 45 | TELUR AYAM/BUTIR, AQUA GALON ISI, MIE SEDAAP GORENG 90G, SEDAAP MIE AYAM BAWANG                             | 1                | 0.000034 |
| 46 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, GULA PASIR 1/2KG                         | 1                | 0.000034 |
| 47 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MASAKO AYAM 9G (12/RTG) 500, BEAR BRAND STM 189ML ( 30 / SLOP ) | 1                | 0.000034 |
| 48 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GAS ELPIJI 3KG, BEAR BRAND STM 189ML ( 30 / SLOP )              | 1                | 0.000034 |
| 49 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, KERUPUK / KERIPIK/STIK1000, BEAR BRAND STM 189ML ( 30 / SLOP )  | 1                | 0.000034 |
| 50 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, KERUPUK / KERIPIK/STIK1000, TEH PUCUK HARUM JASMINE 350ML       | 1                | 0.000034 |
| 51 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000, SEDAAP MIE AYAM BAWANG                  | 1                | 0.000034 |
| 52 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, CAMILAN BU KOMANG 5000, KRESEK KILAT MERAH BESAR                | 1                | 0.000034 |
| 53 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML            | 1                | 0.000034 |
| 54 | TELUR AYAM/BUTIR, AQUA GALON ISI, MIE SEDAAP GORENG 90G, GULA PASIR 1/2KG                                   | 1                | 0.000034 |
| 55 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MIE SEDAAP GORENG 90G, GULA PASIR/KG                            | 1                | 0.000034 |
| 56 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, KERIPIK AYAM (3000)                             | 1                | 0.000034 |
| 57 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, GULA PASIR 1/2KG                                | 1                | 0.000034 |

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 58 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, INDOMIE GORENG SPECIAL 85G                | 1                | 0.000034 |
| 59 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, MASAKO AYAM 9G (12/RTG) 500               | 1                | 0.000034 |
| 60 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, AQUA GALON ISI, MIE SEDAAP GORENG 90G                     | 1                | 0.000034 |
| 61 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, MASAKO AYAM 9G (12/RTG) 500, AQUA BOTOL 1500ML            | 1                | 0.000034 |
| 62 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GULA PASIR/KG, KRESEK KILAT MERAH BESAR                   | 1                | 0.000034 |
| 63 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GORENGAN ALL 1000, GARAM YODIUM KARAPAN SAPI              | 1                | 0.000034 |
| 64 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, TEH PUCUK HARUM JASMINE 350ML, INDOMIE GORENG SPECIAL 85G | 1                | 0.000034 |
| 65 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, TEH PUCUK HARUM JASMINE 350ML, SAMPOERNA MILD 16          | 1                | 0.000034 |
| 66 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, SAMPOERNA MILD 16             | 1                | 0.000034 |
| 67 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, YOU C 1000 ORANGE 140ML       | 1                | 0.000034 |
| 68 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, INDOMIE GORENG SPECIAL 85G, SEDAAP MIE AYAM BAWANG        | 1                | 0.000034 |
| 69 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, KRESEK KILAT MERAH BESAR, YOU C 1000 ORANGE 140ML         | 1                | 0.000034 |
| 70 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GULA PASIR 1/2KG, KERIPIK AYAM (3000)                     | 1                | 0.000034 |
| 71 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, YAKULT, YOU C 1000 ORANGE 140ML                           | 1                | 0.000034 |



| No | Itemsets   | Jumlah Transaksi | Support  |
|----|--|------------------|----------|
| 72 | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH, GARAM YODIUM KARAPAN SAPI, SEDAAP MIE AYAM BAWANG          | 1                | 0.000034 |
| 73 | TELUR AYAM/BUTIR, SOSIS SONICE, MIE SEDAAP GORENG 90G, MASAKO AYAM 9G (12/RTG) 500                     | 1                | 0.000034 |
| 74 | TELUR AYAM/BUTIR, SOSIS SONICE, MIE SEDAAP GORENG 90G, TEH PUCUK HARUM JASMINE 350ML                   | 1                | 0.000034 |
| 75 | TELUR AYAM/BUTIR, CAMILAN BU KOMANG 3500, GULA PASIR 1/2KG, SAMPOERNA MILD 16                          | 1                | 0.000034 |
| 76 | TELUR AYAM/BUTIR, SOSIS SONICE, MASAKO AYAM 9G (12/RTG) 500, SEDAAP MIE AYAM BAWANG                    | 1                | 0.000034 |
| 77 | TELUR AYAM/BUTIR, SOSIS SONICE, KRESEK KILAT MERAH BESAR, GARAM YODIUM KARAPAN SAPI                    | 1                | 0.000034 |
| 78 | GORENGAN ALL 1000, INDOMIE GORENG SPECIAL 85G, BEAR BRAND STM 189ML ( 30 / SLOP ), KERIPIK AYAM (3000) | 1                | 0.000034 |

#### Lampiran 9. Frequent 1-itemset Support 0.003

| No | Itemsets                           | Jumlah Transaksi | Support  |
|----|------------------------------------|------------------|----------|
| 1  | TELUR AYAM/BUTIR                   | 3562             | 0.121740 |
| 2  | CAMILAN BU KOMANG 3500             | 1385             | 0.047336 |
| 3  | MINYAK SUNCO 500ML POUCH           | 1030             | 0.035203 |
| 4  | SOSIS SONICE                       | 1020             | 0.034861 |
| 5  | AQUA GALON ISI                     | 1016             | 0.034724 |
| 6  | MIE SEDAAP GORENG 90G              | 852              | 0.029119 |
| 7  | CAMILAN BU KOMANG 5000             | 846              | 0.028914 |
| 8  | KERUPUK / KERIPIK/STIK1000         | 817              | 0.027923 |
| 9  | GAS ELPIJI 3KG                     | 812              | 0.027752 |
| 10 | MASAKO AYAM 9G (12/RTG) 500        | 806              | 0.027547 |
| 11 | GULA PASIR/KG                      | 797              | 0.027239 |
| 12 | GORENGAN ALL 1000                  | 760              | 0.025975 |
| 13 | TEH PUCUK HARUM JASMINE 350ML      | 722              | 0.024676 |
| 14 | INDOMIE GORENG SPECIAL 85G         | 710              | 0.024266 |
| 15 | KRESEK KILAT MERAH BESAR           | 687              | 0.023480 |
| 16 | GULA PASIR 1/2KG                   | 677              | 0.023138 |
| 17 | YAKULT                             | 630              | 0.021532 |
| 18 | BEAR BRAND STM 189ML ( 30 / SLOP ) | 621              | 0.021224 |
| 19 | AQUA BOTOL 1500ML                  | 594              | 0.020301 |

| <b>No</b> | <b>Itemsets</b>                   | <b>Jumlah Transaksi</b> | <b>Support</b> |
|-----------|-----------------------------------|-------------------------|----------------|
| 20        | AQUA BOTOL 600ML                  | 543                     | 0.018558       |
| 21        | KERIPIK AYAM (3000)               | 506                     | 0.017294       |
| 22        | GARAM YODIUM KARAPAN SAPI         | 506                     | 0.017294       |
| 23        | SAMPOERNA MILD 16                 | 474                     | 0.016200       |
| 24        | YOU C 1000 ORANGE 140ML           | 471                     | 0.016098       |
| 25        | SEDAAP MIE AYAM BAWANG            | 458                     | 0.015653       |
| 26        | DUNHILL MILD 16                   | 413                     | 0.014115       |
| 27        | LE MINERAL 1500 ML                | 396                     | 0.013534       |
| 28        | SEDAAP MIE SOTO                   | 387                     | 0.013227       |
| 29        | TEH PUCUK HARUM JASMINE 500ML     | 373                     | 0.012748       |
| 30        | LUWAK WHITE COFFEE SACHET         | 373                     | 0.012748       |
| 31        | ULTRA MILK COKLAT 250ML           | 368                     | 0.012577       |
| 32        | IN MILD 16                        | 359                     | 0.012270       |
| 33        | ROSE BRAND TEPUNG BERAS 500G      | 357                     | 0.012201       |
| 34        | KOPI BANYUATIS 100G               | 354                     | 0.012099       |
| 35        | LADAKU MERICA 1000 (12/ RTG)      | 337                     | 0.011518       |
| 36        | TERIGU 1/2KG                      | 335                     | 0.011449       |
| 37        | INDOMIE GORENG SPECIAL JUMBO 129G | 333                     | 0.011381       |
| 38        | USUS ORIGINAL (1000)              | 326                     | 0.011142       |
| 39        | SPRITE MINI 250ML                 | 324                     | 0.011074       |
| 40        | HOT HOT POP KAKI / PENDEKAR BIRU  | 322                     | 0.011005       |
| 41        | BENG BENG (2) 20G                 | 320                     | 0.010937       |
| 42        | TEH KOTAK JASMINE 300ML           | 315                     | 0.010766       |
| 43        | YEH BLL GALON                     | 314                     | 0.010732       |
| 44        | PADDLE POP MONKEY BANANA 42ML     | 313                     | 0.010698       |
| 45        | SUN KARA 65ML ( 36 / DUS )        | 312                     | 0.010663       |
| 46        | PADDLE POP RAINBOW 50ML           | 310                     | 0.010595       |
| 47        | DANCOW INSTAN 27G ( 10/RCG )      | 307                     | 0.010492       |
| 48        | MILKU COKELAT 200ML               | 306                     | 0.010458       |
| 49        | SR SANDWICH COKLAT                | 300                     | 0.010253       |
| 50        | INDOMILK SKM PLAIN 37G SCH        | 299                     | 0.010219       |
| 51        | SUNLIGHT LIME SQUASH 105ML        | 298                     | 0.010185       |
| 52        | PISANGKEJU/MARTABAK               | 296                     | 0.010117       |
| 53        | SEDAAP MIE KOREAN SPICY CHICKEN   | 293                     | 0.010014       |
| 54        | AJINOMOTO 19G (20 / RTG) 1000     | 290                     | 0.009911       |
| 55        | SPHATIKA 6000                     | 287                     | 0.009809       |
| 56        | KOPIKAP                           | 286                     | 0.009775       |
| 57        | CAMILAN BU KOMANG 4000            | 285                     | 0.009741       |
| 58        | NEXTAR CHOCO BROWNIES 34G         | 278                     | 0.009501       |
| 59        | ULTRA MILK COKELAT 200ML          | 277                     | 0.009467       |
| 60        | PASEO SMART 250S NON BARKODE      | 276                     | 0.009433       |
| 61        | CAMILAN BU KOMANG 3000            | 268                     | 0.009160       |
| 62        | ULTRA MILK COKELAT 125ML          | 266                     | 0.009091       |

| No  | Itemsets                              | Jumlah Transaksi | Support  |
|-----|---------------------------------------|------------------|----------|
| 63  | SUKSES GORENG ISI 2 AYAM KREMES 133G  | 262              | 0.008955 |
| 64  | FRENCH FRIES 24G                      | 261              | 0.008920 |
| 65  | ROMA KELAPA 300G                      | 260              | 0.008886 |
| 66  | INDOMIE SOTO MIE 70G                  | 259              | 0.008852 |
| 67  | MARLBORO PUTIH 20                     | 258              | 0.008818 |
| 68  | SUPERSTAR TRIPLE CHOCOLATE 18G        | 257              | 0.008784 |
| 69  | TELUR PUYUH TUSUK 3000                | 254              | 0.008681 |
| 70  | SEDAAP MIE KARI SPESIAL               | 253              | 0.008647 |
| 71  | SAMPOERNA MILD 12                     | 249              | 0.008510 |
| 72  | LARUTAN CAP KAKI TIGA TAWAR BTL 500ML | 244              | 0.008339 |
| 73  | ORANGE WATER C 1000 BOTOL 500ML       | 239              | 0.008168 |
| 74  | WALLS FEAST VANILLA 65ML              | 237              | 0.008100 |
| 75  | YUPI STRAWBERRY KISS TOPLES           | 231              | 0.007895 |
| 76  | SPRITE 390ML SERU                     | 231              | 0.007895 |
| 77  | TERASI UDANG CAP GS BONANG KECIL      | 231              | 0.007895 |
| 78  | WALSS POPULAIRE STRAWBERRY 90ML       | 230              | 0.007861 |
| 79  | TRICO 60ML                            | 229              | 0.007827 |
| 80  | VANESSA CREAM BALL                    | 227              | 0.007758 |
| 81  | LAYS RUMPUT LAUT 14G                  | 227              | 0.007758 |
| 82  | VANESSA TAWAR KUPAS                   | 227              | 0.007758 |
| 83  | KOPI BANYUATIS 50G                    | 225              | 0.007690 |
| 84  | LE MINERAL 600ML                      | 219              | 0.007485 |
| 85  | SEDAAP MIE GORENG AYAM KRISPI         | 216              | 0.007382 |
| 86  | BETTER VANILA CREAM 22G               | 216              | 0.007382 |
| 87  | DONAT ASIAH                           | 212              | 0.007246 |
| 88  | TERIGU 1KG                            | 212              | 0.007246 |
| 89  | SUNLIGHT LIME 210ML                   | 208              | 0.007109 |
| 90  | PADDLE POP CHOCO LAVA                 | 208              | 0.007109 |
| 91  | GULA MERAH JAWA 500G                  | 201              | 0.006870 |
| 92  | LARUTAN CAP BADAK TAWAR BTL 500ML     | 199              | 0.006801 |
| 93  | NESCAFE SASET 3 IN 1 (10RTG)          | 198              | 0.006767 |
| 94  | WALS POPULAIRE COKLAT 90ML            | 196              | 0.006699 |
| 95  | SOSIS KIMBO ALL 1000                  | 196              | 0.006699 |
| 96  | ULTRA MILK FULL CREAM 200ML           | 196              | 0.006699 |
| 97  | BATU DUREN/PUTRI AYU                  | 192              | 0.006562 |
| 98  | SR TAWAR SPESIAL JUMBO                | 190              | 0.006494 |
| 99  | ABC SUSU 30G SCH                      | 189              | 0.006460 |
| 100 | TEH PUCUK HARUM LESS SUGAR 350ML      | 189              | 0.006460 |
| 101 | INDOMIE AYAM BAWANG 69G               | 189              | 0.006460 |

| <b>No</b> | <b>Itemsets</b>                               | <b>Jumlah Transaksi</b> | <b>Support</b> |
|-----------|---|-------------------------|----------------|
| 102       | FRENCH FRIES 62G                              | 187                     | 0.006391       |
| 103       | PASEO SMART 50S                               | 184                     | 0.006289       |
| 104       | KOPI BANYUATIS 200GR                          | 182                     | 0.006220       |
| 105       | KERUPUK 5000                                  | 182                     | 0.006220       |
| 106       | MI TELUR 3 AYAM 200G                          | 178                     | 0.006084       |
| 107       | AOKA ROTI PANGGANG RASA VANILA 65G            | 178                     | 0.006084       |
| 108       | INDOMIE KARI AYAM 72G                         | 177                     | 0.006049       |
| 109       | AHH COKELAT 5.5G                              | 177                     | 0.006049       |
| 110       | FANTA MINI 250ML                              | 177                     | 0.006049       |
| 111       | INOMIE HYPE ABIS MIEGHETTI RASA BOLOGNESE 85G | 176                     | 0.006015       |
| 112       | REGAL 15G                                     | 175                     | 0.005981       |
| 113       | KRESEK TUNGGAL 15 BENING                      | 173                     | 0.005913       |
| 114       | GOOD DAY CAPPUCINO 25G SCH                    | 173                     | 0.005913       |
| 115       | SUPERSTAR SNAPS 28G                           | 172                     | 0.005879       |
| 116       | SUNCO 1 LT                                    | 172                     | 0.005879       |
| 117       | MINI CORNETO ALL RASA                         | 171                     | 0.005844       |
| 118       | ULTRA MILK STRAWBERRY 125ML                   | 169                     | 0.005776       |
| 119       | INDOMILK SKM COKELAT 37G SCH                  | 169                     | 0.005776       |
| 120       | MILKU STRAWBERRY 200ML                        | 168                     | 0.005742       |
| 121       | SPIX MIE GORENG 45G                           | 168                     | 0.005742       |
| 122       | WALLS FEAST COKELAT 65ML                      | 168                     | 0.005742       |
| 123       | MARLBORO MERAH 20                             | 165                     | 0.005639       |
| 124       | INDOMIE AYAM SPESIAL 68G                      | 165                     | 0.005639       |
| 125       | KAPAS SELECTION 35G                           | 162                     | 0.005537       |
| 126       | NABATI WAFER COKLAT 125G                      | 161                     | 0.005503       |
| 127       | ACCECORIS 2000                                | 160                     | 0.005468       |
| 128       | PIA CEMERLANG                                 | 160                     | 0.005468       |
| 129       | SAORI SAUS TIRAM 23ML(10/RTG)                 | 159                     | 0.005434       |
| 130       | ACCESORIS 1000                                | 158                     | 0.005400       |
| 131       | ROTI GEPENG 2 JEMPOL                          | 158                     | 0.005400       |
| 132       | TANGO WAFER LONG VANILA 130G                  | 158                     | 0.005400       |
| 133       | SEGITIGA BIRU 500G                            | 157                     | 0.005366       |
| 134       | BENG BENG MAX 32G                             | 157                     | 0.005366       |
| 135       | MASKER DUCKBILL HITAM-PUTIH/PCS               | 156                     | 0.005332       |
| 136       | TEH PUCUK JASMINE MINI 250ML                  | 156                     | 0.005332       |
| 137       | ROMA SARI GANDUM COKELAT 115G                 | 154                     | 0.005263       |
| 138       | SAMPOERNA HIJAU 12                            | 154                     | 0.005263       |
| 139       | FORTUNE BANTAL 1 LT                           | 154                     | 0.005263       |
| 140       | ROMA SARI GANDUM COKELAT 39G                  | 154                     | 0.005263       |
| 141       | EMPING JAGUNG (PACK)                          | 154                     | 0.005263       |
| 142       | CAMILAN BU KOMANG 6000                        | 153                     | 0.005229       |
| 143       | TAS BELANJA 38 x 45                           | 153                     | 0.005229       |



| No  | Itemsets   | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 144 | AOKA ROTI PANGGANG RASA BLUEBERRY/STRAWBERRY 65G | 153              | 0.005229 |
| 145 | INDOMILK COKLAT BTL 190ML                        | 151              | 0.005161 |
| 146 | MILKITA LOLIPOP ASSORTED/1PCS                    | 151              | 0.005161 |
| 147 | BETTER FUN BITES ISI 4 48G                       | 150              | 0.005127 |
| 148 | KOPI BANYUATIS 250G                              | 149              | 0.005092 |
| 149 | PADDLE POP CHOCO MAGMA 55ML                      | 149              | 0.005092 |
| 150 | ULTRA MILK FULL CREAM 250ML                      | 148              | 0.005058 |
| 151 | CHEETOS JAGUNG BAKAR 15G                         | 148              | 0.005058 |
| 152 | GG SURYA 12                                      | 145              | 0.004956 |
| 153 | FF SKM 38G                                       | 145              | 0.004956 |
| 154 | CANNON BALL 5.4G                                 | 144              | 0.004922 |
| 155 | INDOMILK MELON BTL 190ML                         | 144              | 0.004922 |
| 156 | FF MILKY COKELAT UHT 115ML                       | 143              | 0.004887 |
| 157 | AQUA BTL 330ML                                   | 143              | 0.004887 |
| 158 | INDOMIE GORENG RASA AYAM GEPREK 85G              | 142              | 0.004853 |
| 159 | LEMPOG DAN DADAR 1000                            | 141              | 0.004819 |
| 160 | YUPI DINO 12G                                    | 141              | 0.004819 |
| 161 | SUNLIGHT LIME 400ML                              | 141              | 0.004819 |
| 162 | MASAKO SAPI 9G (12/RTG) 500                      | 141              | 0.004819 |
| 163 | INDOMIE GORENG JUMBO AYAM PANGGANG 127G          | 141              | 0.004819 |
| 164 | ULTRA MILK STRAWBERRY 250ML                      | 139              | 0.004751 |
| 165 | SARIWANGI TB ASLI ISI 25                         | 139              | 0.004751 |
| 166 | SARI KACANG IJO 250ML                            | 138              | 0.004716 |
| 167 | TEPUNG PUTRI SEJATI 500G                         | 138              | 0.004716 |
| 168 | SR SOBEK COKELAT                                 | 138              | 0.004716 |
| 169 | COUNTRY  | 137              | 0.004682 |
| 170 | TEH PUCUK HARUM JASMINE 1360ML                   | 137              | 0.004682 |
| 171 | AOKA ROTI PANGGANG RASA COKELAT 65G              | 135              | 0.004614 |
| 172 | GG INTERNASIONAL                                 | 135              | 0.004614 |
| 173 | TANGO ROYAL CHOCOLATE 130G                       | 134              | 0.004580 |
| 174 | PEPSODENT WHITE 75 G                             | 134              | 0.004580 |
| 175 | MOMOGI COKELAT 6G                                | 133              | 0.004546 |
| 176 | EKO MIE 2 110G                                   | 133              | 0.004546 |
| 177 | HAPPY TOS MERAH 25G                              | 133              | 0.004546 |
| 178 | PADDLE POP TWISTER MERMAID 55ML                  | 132              | 0.004511 |
| 179 | MOMOGI TUTTI FRUTTI 6G ( 20 PCS / KTK )          | 132              | 0.004511 |
| 180 | WALS DORAEMON 60ML                               | 131              | 0.004477 |
| 181 | TOTOLE KALDU RASA JAMUR 80 G                     | 131              | 0.004477 |
| 182 | SEDAAP MIE KARI AYAM                             | 131              | 0.004477 |
| 183 | SARIMI RASA AYAM BAWANG 75G                      | 130              | 0.004443 |

| No  | Itemsets                               | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 184 | PADDLE POP MOCHI CHOCOLATE VANILA 45ML | 130              | 0.004443 |
| 185 | TOBELO GOLDEN BALLS TOPLES             | 130              | 0.004443 |
| 186 | DANCOW COKLAT 39G SCH                  | 130              | 0.004443 |
| 187 | SPRITE 1 L                             | 130              | 0.004443 |
| 188 | AJINOMOTO 50G                          | 130              | 0.004443 |
| 189 | CHOKI CHOKI 10G                        | 129              | 0.004409 |
| 190 | INDOMILK STRWB BTL 190ML               | 129              | 0.004409 |
| 191 | BAGUS SOYA / BAGUS MILK SOYA           | 129              | 0.004409 |
| 192 | AQUA GELAS/DUS                         | 128              | 0.004375 |
| 193 | CRICKET                                | 128              | 0.004375 |
| 194 | AHH KEJU 5.5G                          | 125              | 0.004272 |
| 195 | AOKA ROTI PANGGANG RASA DURIAN 65G     | 125              | 0.004272 |
| 196 | COCA COLA MINI 250ML                   | 125              | 0.004272 |
| 197 | KEMIRI 2000                            | 125              | 0.004272 |
| 198 | POCARI SWEET 500ML                     | 124              | 0.004238 |
| 199 | CHEETOS JAGUNG BAKAR 40G               | 124              | 0.004238 |
| 200 | KRUPUK RAMBAK NAMIRA 2000              | 124              | 0.004238 |
| 201 | MIMIN PEYEK KACANG                     | 124              | 0.004238 |
| 202 | INDOMIE RASA SOTO LAMONGAN 80G         | 123              | 0.004204 |
| 203 | CHITATO AYAM BUMBU 15G                 | 123              | 0.004204 |
| 204 | MINI OREO ORIGINAL 20.4G               | 123              | 0.004204 |
| 205 | BAYGON COIL JUMBO LAVENDER             | 122              | 0.004170 |
| 206 | PLASTIK RAJAWALI 1KG                   | 122              | 0.004170 |
| 207 | COCA COLA 390ML SERU                   | 121              | 0.004135 |
| 208 | SATYA KERIPIK TEMPE                    | 121              | 0.004135 |
| 209 | TEH GELAS ORIGINAL 170ML CUP           | 121              | 0.004135 |
| 210 | EXTRA JOSS/SCH                         | 120              | 0.004101 |
| 211 | SUNLIGHT LIME 48ML                     | 119              | 0.004067 |
| 212 | PANDA GRASS JELLY CAN 310ML            | 119              | 0.004067 |
| 213 | ULTRA MILK STRAWBERRY 200ML            | 119              | 0.004067 |
| 214 | POCARI SWEET 350ML                     | 117              | 0.003999 |
| 215 | PADDLE POP MILKY DUO 36ML              | 117              | 0.003999 |
| 216 | RACIK NASI GORENG 20G                  | 117              | 0.003999 |
| 217 | MARLBORO ICE BLAST                     | 116              | 0.003965 |
| 218 | KOKO KRUNCH SEREAL 15GR (10/RTG)       | 116              | 0.003965 |
| 219 | SILVER QUEEN CASHEW 25G                | 116              | 0.003965 |
| 220 | ROYCO RASA AYAM 9G                     | 116              | 0.003965 |
| 221 | BLUE BAND 200G                         | 115              | 0.003930 |
| 222 | NUTRISARI JERUK PERAS 14G SCH          | 115              | 0.003930 |
| 223 | MIKO RASA NANGKA 10G                   | 114              | 0.003896 |
| 224 | CHITATO SAPI PANGGANG 15G              | 114              | 0.003896 |
| 225 | TEH BOTOL ORIGINAL 450ML               | 113              | 0.003862 |
| 226 | MY JELLY 5CUP @14G                     | 113              | 0.003862 |

| <b>No</b> | <b>Itemsets</b>                  | <b>Jumlah Transaksi</b> | <b>Support</b> |
|-----------|----------------------------------|-------------------------|----------------|
| 227       | BRIO GO POTATO ORIGINAL 60G      | 113                     | 0.003862       |
| 228       | NEXTAR PINEAPPLE JAM 34G         | 112                     | 0.003828       |
| 229       | ULTRA MIMI COKLAT 125ML          | 112                     | 0.003828       |
| 230       | CHIKI BALLS COKELAT 10G          | 112                     | 0.003828       |
| 231       | JET Z COKLAT 12GR                | 112                     | 0.003828       |
| 232       | MILO COKELAT 22 G                | 112                     | 0.003828       |
| 233       | KOPIKO COFFE CANDY TOPLES        | 112                     | 0.003828       |
| 234       | KERUPUK RAMBAK KERBAU            | 111                     | 0.003794       |
| 235       | SARIWANGI SCT(288X1.85G) RP1500  | 111                     | 0.003794       |
| 236       | KRIPIK BAWANG AZARO 5000         | 111                     | 0.003794       |
| 237       | SOVIA 1LT                        | 110                     | 0.003760       |
| 238       | RINSO MOLTO ROSE FRESH LIQ 38 ML | 110                     | 0.003760       |
| 239       | FLORIDINA ORANGE BTL 350ML       | 110                     | 0.003760       |
| 240       | DJI SAM SOE 12                   | 110                     | 0.003760       |
| 241       | MOMOGI JAGUNG BAKAR 6G           | 110                     | 0.003760       |
| 242       | SASA SANTAN CAIR 65ML            | 109                     | 0.003725       |
| 243       | CENDOLITA 250ML                  | 109                     | 0.003725       |
| 244       | AHH KEJU 15G                     | 109                     | 0.003725       |
| 245       | ENERGEN COKLAT SCH 34G           | 108                     | 0.003691       |
| 246       | CAMILAN BU KOMANG 2500           | 108                     | 0.003691       |
| 247       | GO POTATO RASA 20G               | 107                     | 0.003657       |
| 248       | MILO UHT 180ML                   | 107                     | 0.003657       |
| 249       | RACIK AYAM GORENG 26G            | 106                     | 0.003623       |
| 250       | AKSESORIS 3000                   | 106                     | 0.003623       |
| 251       | VICEE JERUK /STRIP               | 106                     | 0.003623       |
| 252       | OREO ORIGINAL 27,6G              | 106                     | 0.003623       |
| 253       | PRINGLES ORIGINAL 42G CAN        | 106                     | 0.003623       |
| 254       | SUNLIGHT LIME NEW REFILL 435ML   | 106                     | 0.003623       |
| 255       | KG SALTCHIEESE COMBO 17G         | 105                     | 0.003589       |
| 256       | SUKSES GORENG AYAM KECAP 129G    | 105                     | 0.003589       |
| 257       | KECAP MANIS SEDAAP POUCH 63ML    | 105                     | 0.003589       |
| 258       | SR TAWAR SPECIAL                 | 105                     | 0.003589       |
| 259       | MINYAK FORTUNE 250ML BANTAL      | 104                     | 0.003554       |
| 260       | BUAVITA GUAVA 245 ML             | 104                     | 0.003554       |
| 261       | REGAL 25GRM                      | 104                     | 0.003554       |
| 262       | ROTI PISCOK 3000                 | 104                     | 0.003554       |
| 263       | SR SOBEK BLUBERRY                | 103                     | 0.003520       |
| 264       | FERMIPAN 11G ( 4 / KOTAK )       | 103                     | 0.003520       |
| 265       | PEPSODENT WHITE 190 G            | 103                     | 0.003520       |
| 266       | WALLS SOLERO FRUIT MANGGA 65ML   | 102                     | 0.003486       |
| 267       | CHEETOS NET BBQ 30G              | 102                     | 0.003486       |
| 268       | CHOCOLATOS GRANDE 9G             | 102                     | 0.003486       |
| 269       | CORNETO STRAWBERRY 82ML          | 102                     | 0.003486       |
| 270       | AOKA ROTI PANGGANG RASA KEJU 65G | 102                     | 0.003486       |

| No  | Itemsets                               | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 271 | SUPERSTAR TRIPLE CHOCOCLATE ISI 6      | 101              | 0.003452 |
| 272 | PUSH POP CANDY 14G                     | 101              | 0.003452 |
| 273 | NEONAPACIN/TBL                         | 101              | 0.003452 |
| 274 | KERIPIK KELADI BU YANTI                | 101              | 0.003452 |
| 275 | TEH PUCUK LESS SUGAR 500ML             | 100              | 0.003418 |
| 276 | YOU C 1000 LEMON 140ML                 | 100              | 0.003418 |
| 277 | TEH BOTOL ORIGINAL KOTAK 330ML         | 99               | 0.003384 |
| 278 | FF JUNIO COKELAT UHT 110ML             | 99               | 0.003384 |
| 279 | CLOUD 9 CRUNCHY CHOCOLATE 8G           | 99               | 0.003384 |
| 280 | DUPA JULUNGWANGI 941 3ONS (28CM) PEPEL | 98               | 0.003349 |
| 281 | VANESSA TAWAR KUPAS PANDAN             | 98               | 0.003349 |
| 282 | GEMEZ ENAK 22G                         | 98               | 0.003349 |
| 283 | KUE PIA BALI DEWATA                    | 98               | 0.003349 |
| 284 | MIE LEMONILO GORENG 80G                | 98               | 0.003349 |
| 285 | PUYUH MIKA                             | 97               | 0.003315 |
| 286 | MENTOS MINT / PCS                      | 97               | 0.003315 |
| 287 | VEGETA HERBAL SCH                      | 96               | 0.003281 |
| 288 | SARIMI RASA KALDU AYAM 70G             | 96               | 0.003281 |
| 289 | BONCABE LEVEL 30 ( 24 / PACK )         | 96               | 0.003281 |
| 290 | BISKITOP VEGETABLE & CHEESE 60G        | 95               | 0.003247 |
| 291 | PERMEN KOPYOS                          | 95               | 0.003247 |
| 292 | KOKO KRUNCH RASA CEKELAT 30GR          | 95               | 0.003247 |
| 293 | SAOS LOMBOK SACHET (2PCS)              | 95               | 0.003247 |
| 294 | COCA COLA 1 L                          | 95               | 0.003247 |
| 295 | RK BULLS KRETEK 12                     | 94               | 0.003213 |
| 296 | VICEE LEMON /2PCS                      | 94               | 0.003213 |
| 297 | PUKIS 2000                             | 94               | 0.003213 |
| 298 | BAYGON COIL MERAH                      | 94               | 0.003213 |
| 299 | LAYS SEAWEED 68G                       | 93               | 0.003179 |
| 300 | TEH KOTAK RASA LEMON 200ML             | 93               | 0.003179 |
| 301 | SAJIKU TP SERBAGUNA 220G               | 93               | 0.003179 |
| 302 | ASTOR SINGLES 18G                      | 93               | 0.003179 |
| 303 | ADEM SARI CINGKU 350ML BOTOL           | 92               | 0.003144 |
| 304 | OREO SOFT CAKE 16G (12/KTK)            | 92               | 0.003144 |
| 305 | HAPPY TOS MERAH 160G                   | 92               | 0.003144 |
| 306 | SEDAAP KOREAN SPICY SOUP 77G           | 92               | 0.003144 |
| 307 | NABATI SIIP KEJU 5G                    | 92               | 0.003144 |
| 308 | AJINOMOTO 7,5G (24 / RTG) 500          | 91               | 0.003110 |
| 309 | ADEM SARI SCH                          | 91               | 0.003110 |
| 310 | ROMA MALKIST COKELAT 21G               | 91               | 0.003110 |
| 311 | INDOMILK UHT KIDS COKELAT 115ML        | 91               | 0.003110 |
| 312 | FRUIT TEA BLACKCURRANT BTL 500ML       | 91               | 0.003110 |
| 313 | KN KOTAK NAGA 80S                      | 91               | 0.003110 |



| No  | Itemsets                                 | Jumlah Transaksi | Support  |
|-----|--|------------------|----------|
| 314 | YUPI SWEET HEART 15G                     | 90               | 0.003076 |
| 315 | SELFIE MINYAK GORENG 200ML CUP           | 90               | 0.003076 |
| 316 | SEDAAP MIE GORENG SALERO PADANG          | 90               | 0.003076 |
| 317 | ACCESORIS 2500                           | 89               | 0.003042 |
| 318 | BETTER VANILA CREAM FUN BITES ISI 10120G | 89               | 0.003042 |
| 319 | INDOMIE GORENG PEDAS                     | 89               | 0.003042 |
| 320 | H&S SHP CLEAN BLANCED SCH 10ML           | 89               | 0.003042 |
| 321 | KRESEK TUNGGAL TANGGUNG 24               | 88               | 0.003008 |
| 322 | SR SOBEK STRAWBERRY                      | 88               | 0.003008 |
| 323 | INDOMIE MIE GORENG ACEH 90G              | 88               | 0.003008 |
| 324 | SUNCO 2 LT                               | 88               | 0.003008 |
| 325 | SEGITIGA BIRU 1KG                        | 88               | 0.003008 |

#### Lampiran 10. Frequent 2-itemset Support 0.003

| No | Itemsets  | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 1  | TELUR AYAM/BUTIR, MINYAK SUNCO 500ML POUCH                        | 829              | 0.028333 |
| 2  | GAS ELPIJI 3KG, AQUA GALON ISI                                    | 309              | 0.010561 |
| 3  | TELUR AYAM/BUTIR, MIE SEDAAP GORENG 90G                           | 230              | 0.007861 |
| 4  | TELUR AYAM/BUTIR, MASAKO AYAM 9G (12/RTG) 500                     | 203              | 0.006938 |
| 5  | CAMILAN BU KOMANG 5000, CAMILAN BU KOMANG 3500                    | 201              | 0.006870 |
| 6  | MASAKO AYAM 9G (12/RTG) 500, AJINOMOTO 19G (20 / RTG) 1000        | 192              | 0.006562 |
| 7  | TELUR AYAM/BUTIR, INDOMIE GORENG SPECIAL 85G                      | 142              | 0.004853 |
| 8  | TELUR AYAM/BUTIR, SOSIS SONICE                                    | 140              | 0.004785 |
| 9  | TELUR AYAM/BUTIR, SEDAAP MIE AYAM BAWANG                          | 137              | 0.004682 |
| 10 | TELUR AYAM/BUTIR, SUKSES GORENG ISI 2 AYAM KREMES 133G            | 133              | 0.004546 |
| 11 | MIE SEDAAP GORENG 90G, SEDAAP MIE AYAM BAWANG                     | 128              | 0.004375 |
| 12 | PISANGKEJU/MARTABAK, KERIPIK AYAM (3000)                          | 115              | 0.003930 |
| 13 | SEDAAP MIE SOTO , MIE SEDAAP GORENG 90G                           | 105              | 0.003589 |
| 14 | SUKSES GORENG ISI 2 AYAM KREMES 133G, MASAKO AYAM 9G (12/RTG) 500 | 101              | 0.003452 |
| 15 | TELUR AYAM/BUTIR, GULA PASIR 1/2KG                                | 97               | 0.003315 |

| No | Itemsets                                    | Jumlah Transaksi | Support  |
|----|---|------------------|----------|
| 16 | TELUR AYAM/BUTIR, GARAM YODIUM KARAPAN SAPI | 96               | 0.003281 |
| 17 | YEH BLL GALON, GAS ELPIJI 3KG               | 95               | 0.003247 |
| 18 | SEDAAP MIE SOTO , TELUR AYAM/BUTIR          | 89               | 0.003042 |

### Lampiran 11. Pembentukan Aturan Asosiasi

| No | antecedents                          | consequents                          | antecedent support | support  | confidence |
|----|--------------------------------------|--------------------------------------|--------------------|----------|------------|
| 1  | TELUR AYAM/BUTIR                     | MINYAK SUNCO 500ML POUCH             | 0.12174            | 0.028333 | 0.232734   |
| 2  | MINYAK SUNCO 500ML POUCH             | TELUR AYAM/BUTIR                     | 0.035203           | 0.028333 | 0.804854   |
| 3  | GAS ELPIJI 3KG                       | AQUA GALON ISI                       | 0.027752           | 0.010561 | 0.380542   |
| 4  | AQUA GALON ISI                       | GAS ELPIJI 3KG                       | 0.034724           | 0.010561 | 0.304134   |
| 5  | TELUR AYAM/BUTIR                     | MIE SEDAAP GORENG 90G                | 0.12174            | 0.007861 | 0.06457    |
| 6  | MIE SEDAAP GORENG 90G                | TELUR AYAM/BUTIR                     | 0.029119           | 0.007861 | 0.269953   |
| 7  | TELUR AYAM/BUTIR                     | MASAKO AYAM 9G (12/RTG) 500          | 0.12174            | 0.006938 | 0.05699    |
| 8  | MASAKO AYAM 9G (12/RTG) 500          | TELUR AYAM/BUTIR                     | 0.027547           | 0.006938 | 0.251861   |
| 9  | CAMILAN BU KOMANG 5000               | CAMILAN BU KOMANG 3500               | 0.028914           | 0.00687  | 0.237589   |
| 10 | CAMILAN BU KOMANG 3500               | CAMILAN BU KOMANG 5000               | 0.047336           | 0.00687  | 0.145126   |
| 11 | MASAKO AYAM 9G (12/RTG) 500          | AJINOMOTO 19G (20 / RTG) 1000        | 0.027547           | 0.006562 | 0.238213   |
| 12 | AJINOMOTO 19G (20 / RTG) 1000        | MASAKO AYAM 9G (12/RTG) 500          | 0.009911           | 0.006562 | 0.662069   |
| 13 | TELUR AYAM/BUTIR                     | INDOMIE GORENG SPECIAL 85G           | 0.12174            | 0.004853 | 0.039865   |
| 14 | INDOMIE GORENG SPECIAL 85G           | TELUR AYAM/BUTIR                     | 0.024266           | 0.004853 | 0.2        |
| 15 | TELUR AYAM/BUTIR                     | SOSIS SONICE                         | 0.12174            | 0.004785 | 0.039304   |
| 16 | SOSIS SONICE                         | TELUR AYAM/BUTIR                     | 0.034861           | 0.004785 | 0.137255   |
| 17 | SEDAAP MIE AYAM BAWANG               | TELUR AYAM/BUTIR                     | 0.015653           | 0.004682 | 0.299127   |
| 18 | TELUR AYAM/BUTIR                     | SEDAAP MIE AYAM BAWANG               | 0.12174            | 0.004682 | 0.038462   |
| 19 | TELUR AYAM/BUTIR                     | SUKSES GORENG ISI 2 AYAM KREMES 133G | 0.12174            | 0.004546 | 0.037339   |
| 20 | SUKSES GORENG ISI 2 AYAM KREMES 133G | TELUR AYAM/BUTIR                     | 0.008955           | 0.004546 | 0.507634   |

| No | antecedents                          | consequents                          | antecedent support | support  | confidence |
|----|--------------------------------------|--------------------------------------|--------------------|----------|------------|
| 21 | SEDAAP MIE AYAM BAWANG               | MIE SEDAAP GORENG 90G                | 0.015653           | 0.004375 | 0.279476   |
| 22 | MIE SEDAAP GORENG 90G                | SEDAAP MIE AYAM BAWANG               | 0.029119           | 0.004375 | 0.150235   |
| 23 | KERIPIK AYAM (3000)                  | PISANGKEJU/MARTABAK                  | 0.017294           | 0.00393  | 0.227273   |
| 24 | PISANGKEJU/MARTABAK                  | KERIPIK AYAM (3000)                  | 0.010117           | 0.00393  | 0.388514   |
| 25 | MIE SEDAAP GORENG 90G                | SEDAAP MIE SOTO                      | 0.029119           | 0.003589 | 0.123239   |
| 26 | SEDAAP MIE SOTO                      | MIE SEDAAP GORENG 90G                | 0.013227           | 0.003589 | 0.271318   |
| 27 | SUKSES GORENG ISI 2 AYAM KREMES 133G | MASAKO AYAM 9G (12/RTG) 500          | 0.008955           | 0.003452 | 0.385496   |
| 28 | MASAKO AYAM 9G (12/RTG) 500          | SUKSES GORENG ISI 2 AYAM KREMES 133G | 0.027547           | 0.003452 | 0.12531    |
| 29 | TELUR AYAM/BUTIR                     | GULA PASIR 1/2KG                     | 0.12174            | 0.003315 | 0.027232   |
| 30 | GULA PASIR 1/2KG                     | TELUR AYAM/BUTIR                     | 0.023138           | 0.003315 | 0.143279   |
| 31 | TELUR AYAM/BUTIR                     | GARAM YODIUM KARAPAN SAPI            | 0.12174            | 0.003281 | 0.026951   |
| 32 | GARAM YODIUM KARAPAN SAPI            | TELUR AYAM/BUTIR                     | 0.017294           | 0.003281 | 0.189723   |
| 33 | GAS ELPIJI 3KG                       | YEH BLL GALON                        | 0.027752           | 0.003247 | 0.116995   |
| 34 | YEH BLL GALON                        | GAS ELPIJI 3KG                       | 0.010732           | 0.003247 | 0.302548   |
| 35 | TELUR AYAM/BUTIR                     | SEDAAP MIE SOTO                      | 0.12174            | 0.003042 | 0.024986   |
| 36 | SEDAAP MIE SOTO                      | TELUR AYAM/BUTIR                     | 0.013227           | 0.003042 | 0.229974   |

### Lampiran 12. Pembentukan Aturan Asosiasi Confidence 0.5

| No | antecedents                          | consequents                 | antecedent support | support  | confidence |
|----|--------------------------------------|-----------------------------|--------------------|----------|------------|
| 1  | MINYAK SUNCO 500ML POUCH             | TELUR AYAM/BUTIR            | 0.035203           | 0.028333 | 0.804854   |
| 2  | AJINOMOTO 19G (20 / RTG) 1000        | MASAKO AYAM 9G (12/RTG) 500 | 0.009911           | 0.006562 | 0.662069   |
| 3  | SUKSES GORENG ISI 2 AYAM KREMES 133G | TELUR AYAM/BUTIR            | 0.008955           | 0.004546 | 0.507634   |

**Lampiran 13. Perhitungan Nilai Lift**

| No | antecedents                          | consequents                 | consequent support | confidence | lift      |
|----|--------------------------------------|-----------------------------|--------------------|------------|-----------|
| 1  | MINYAK SUNCO 500ML POUCH             | TELUR AYAM/BUTIR            | 0.12174            | 0.804854   | 6.611239  |
| 2  | AJINOMOTO 19G (20 / RTG) 1000        | MASAKO AYAM 9G (12/RTG) 500 | 0.027547           | 0.662069   | 24.034089 |
| 3  | SUKSES GORENG ISI 2 AYAM KREMES 133G | TELUR AYAM/BUTIR            | 0.12174            | 0.507634   | 4.169807  |

**Lampiran 14. Hasil Akhir Aturan Asosiasi**

| No | antecedents                          | consequents                 | support  | confidence | lift      |
|----|--------------------------------------|-----------------------------|----------|------------|-----------|
| 1  | MINYAK SUNCO 500ML POUCH             | TELUR AYAM/BUTIR            | 0.028333 | 0.804854   | 6.611239  |
| 2  | AJINOMOTO 19G (20 / RTG) 1000        | MASAKO AYAM 9G (12/RTG) 500 | 0.006562 | 0.662069   | 24.034089 |
| 3  | SUKSES GORENG ISI 2 AYAM KREMES 133G | TELUR AYAM/BUTIR            | 0.004546 | 0.507634   | 4.169807  |



### Lampiran 15. Hasil Pengujian Fungsional Sistem


**Pengujian Fungsional Sistem Rekomendasi Paket Produk**

Nama Penguji : Kevin Alexander  
 Jabatan : Kepala Toko

| No | Deskripsi Pengujian               | Langkah – langkah Pengujian  | Hasil yang Diharapkan   | Hasil Pengujian |
|----|-----------------------------------|--|---|-----------------|
| 1  | Melakukan import data transaksi   | <ol style="list-style-type: none"> <li>Buka halaman import data transaksi</li> <li>Unggah data transaksi excel</li> </ol>  | Data transaksi berhasil diimport ke dalam website             | Berhasil        |
| 2  | Melakukan proses asosiasi apriori | <ol style="list-style-type: none"> <li>Masukan Start Date &amp; End Date</li> <li>Masukan nama asosiasi</li> <li>Masukan minimum nilai support</li> <li>Masukan minimum nilai confidence</li> <li>Klik tombol “Proses Data”</li> </ol> | Hasil asosiasi berhasil diproses dan ditampilkan pada website | Berhasil        |
| 3  | Melihat daftar hasil asosiasi     | Klik menu “Riwayat Hasil”  | Website menampilkan daftar hasil asosiasi                     | Berhasil        |
| 4  | Mendownload hasil asosiasi        | <ol style="list-style-type: none"> <li>Klik menu “Riwayat Hasil”</li> <li>Pilih hasil asosiasi yang ingin didownload</li> <li>Klik tombol “Export PDF” untuk mendownload hasil asosiasi dalam bentuk PDF</li> </ol>                    | Hasil asosiasi berhasil didownload dalam bentuk PDF           | Berhasil        |

Setelah dilakukan pengujian fungsional, dapat dipastikan sistem rekomendasi paket produk dapat berjalan sesuai dengan kebutuhan pengguna.

Singaraja, 14 Oktober 2024

  
 Kevin Alexander

**Lampiran 16. Hasil *Deployment* Sistem**