

## DAFTAR PUSTAKA

- Abdelgwad, M. M. (2021). Arabic aspect based sentiment classification using BERT. *ArXiv Preprint ArXiv:2107.13290*.
- Baldwin, T. (2020). IndoLEM and IndoBERT: A Benchmark Dataset and Pre-trained Language Model for Indonesian NLP. *COLING 2020 - 28th International Conference on Computational Linguistics, Proceedings of the Conference*, 757–770. <https://doi.org/10.18653/v1/2020.coling-main.66>
- Baqi, M. H., Sibaroni, Y., & Suryani Prasetiyowati, S. (2023). Comparative Analysis of Naive Bayes Model Performance in Hate Speech Detection in Media Social Twitter. *Jurnal Riset Komputer*, 10(1), 2407–389. <https://doi.org/10.30865/jurikom.v10i1.5493>
- Berrar, D. (2018). Cross-validation. *Encyclopedia of Bioinformatics and Computational Biology: ABC of Bioinformatics*, 1–3(January 2018), 542–545. <https://doi.org/10.1016/B978-0-12-809633-8.20349-X>
- Braja, P., Kodar, A., Sander, A., Komputer, F. I., Mercu, U., & Jakarta, B. (2023). Implementasi Fine-Tuning BERT untuk Analisis Sentimen terhadap Review Aplikasi PUBG Mobile di Google Play Store. *JIMP-Jurnal Informatika Merdeka Pasuruan*, 7(3), 120–128. <https://doi.org/10.51213/jimp.v7i3.779>
- Cahyo, P. W., & Aesy, U. S. (2023). Perbandingan LSTM dengan Support Vector Machine dan Multinomial Naïve Bayes pada Klasifikasi Kategori Hoax. *Jurnal Transformatika*, 20(2), 23-29. <https://doi.org/10.26623/transformatika.v20i2.5880>
- Devlin, J., Chang, M.-W., Lee, K., & Toutanova, K. (2019). BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding. *ArXiv Preprint, Mlm*.
- Fauzi, M. A. (2019). Word2Vec model for sentiment analysis of product reviews in Indonesian language. *International Journal of Electrical and Computer Engineering (IJECE)*, 9(1), 525-530. <https://doi.org/10.11591/ijece.v9i1.pp525-530>

- Fayyad, U., Piatetsky-Shapiro, G., & Smyth, P. (1996). The KDD Process for Extracting Useful Knowledge from Volumes of Data. *Communications of the ACM*, 39(11), 27–34. <https://doi.org/10.1145/240455.240464>
- Fransiska, S., & Gufroni, A. I. (2020). Sentiment Analysis Provider by.U on Google Play Store Reviews with TF-IDF and Support Vector Machine (SVM) Method. *Scientific Journal of Informatics*, 7(2), 2407–7658. <http://journal.unnes.ac.id/nju/index.php/sji>
- Geni, L., Yulianti, E., & Sensuse, D. I. (2023). Sentiment Analysis of Tweets Before the 2024 Elections in Indonesia Using Sentiment Analysis of Tweets Before the 2024 Elections in Indonesia Using IndoBERT Language Models. *Jurnal Ilmiah Teknik Elektro Komputer Dan Informatika (JITEKI)*, 9(August 2023), 746–757. <https://doi.org/10.26555/jiteki.v9i3.26490>
- Giovani, A. P., Haryanti, T., & Kurniawati, L. (2020). Analisis Sentimen Aplikasi Ruang Guru di Twitter Menggunakan Algoritma Klasifikasi. *Jurnal Teknoinfo*, 14(2), 116–124. <https://doi.org/10.33365/jti.v14i2.679>
- Ikhsanti, A. Y., Fauziah, Y., & Perwira, R. I. (2021). Implementation of the c4.5 decision tree learning algorithm for sentiment analysis in e-commerce application reviews on google play store. *Computing and Information Processing Letters*, 1(1), 25. <https://doi.org/10.31315/cip.v1i1.6128>
- Ikram, M., Sinapoy, K., Sibaroni, Y., & Prasetyowati, S. S. (2023). Comparison of LSTM and IndoBERT Method. *JURNAL RESTI*, 5(158), 2–6. <https://doi.org/10.29207/resti.v7i3.4830>
- Imron, S., Setiawan, E. I., & Santoso, J. (2023). Deteksi Aspek Review E-Commerce Menggunakan IndoBERT Embedding dan CNN. *INSYST: Journal of Intelligent System and Computation*, 05(01), 10–16. <https://doi.org/10.52985/insyst.v5i1.267>
- Ingkafi, Aryana, G. A., Putra, A. K., & Kusumaningrum, R. (2023). Sentiment Analysis of The National COVID-19 Vaccination Program on Twitter Using The Bidirectional Encoder Representation From Transformer. *ICIC Express Letters*, 17(2), 201–208. <https://doi.org/10.24507/icicel.17.02.201>

- Isa, S. M., Nico, G., & Permana, M. (2022). Indobert for Indonesian fake news detection. *ICIC Express Letters*, 16(3), 289-297. <https://doi.org/10.24507/icic.el.16.03.289>
- Jayadianti, H., Kaswidjanti, W., Tri, A., & Saifullah, S. (2022). Sentiment analysis of Indonesian reviews using fine-tuning IndoBERT and R-CNN. *ILKOM Jurnal Ilmiah*, 14(3), 348-354. <https://doi.org/10.33096/ilkom.v14i3.1505.348-354>
- Kenang, H., Alivian, C., Suharso, W., & Qurrota, A. (2022). Pengklasifikasian Kanker Payudara Dan Kanker Paru-Paru Dengan Metode Gaussian Naïve Bayes, Multinomial Naïve Bayes, Dan Bernoulli Naïve Bayes. *Jurnal Smart Teknologi*, 3(4), 350–355.
- Kusnadi, R., Yaputra, R. A., & Caintan, M. (2021). Analisis Sentimen Terhadap Game Genshin Impact Menggunakan Bert. *Rabit: Jurnal Teknologi Dan Sistem Informasi Univrab*, 6(2), 122-129. <https://doi.org/10.36341/rabit.v6i2.1765>
- Liu, L., & Özsu, M. T. (2009). *Encyclopedia of database systems* (Vol. 6). New York, NY, USA::Springer.
- Locarso, G. K. (2022). Analisis Sentimen Review Aplikasi PeduliLindungi Pada Google Play Store Menggunakan NBC. *JTIK (Jurnal Teknik Informatika Kaputama)*, 6(2), 353–361.
- Mandasari, S., Hayadi, B. H., & Gunawan, R. (2022). Analisis Sentimen Pengguna Transportasi Online Terhadap Layanan Grab Indonesia Menggunakan Multinomial Naive Bayes Classifier. *Jurnal Teknologi Sistem Informasi Dan Sistem Komputer TGD*, 5(2), 118–126. <https://doi.org/10.53513/jsk.v5i2.5635>
- Muis, A., & Muhammad, F. (2023). Pelatihan Text Mining Menggunakan Bahasa Pemrograman Python. *Abdimas Langkanae*, 3(1), 36-46. <https://doi.org/10.53769/abdimas.3.1.2023.83>
- Nissa, N. K., & Yulianti, E. (2023). Multi-label text classification of Indonesian customer reviews using bidirectional encoder representations from

transformers language model. *International Journal of Electrical & Computer Engineering*, 13(5), 5641–5652. <https://doi.org/10.11591/ijece.v13i5.pp5641-5652>

Ordila, R., Wahyuni, R., Irawan, Y., & Sari, M. Y. (2020). Penerapan Data Mining Untuk Pengelompokan Data Rekam Medis Pasien Berdasarkan Jenis Penyakit Dengan Algoritma Clustering (Studi Kasus : Poli Klinik PT.Inecda). *Jurnal Ilmu Komputer*, 9(2), 148-153. <https://doi.org/10.33060/JIK/2020/Vol9.Iss2.181>

Pernanda, A. B. S. M., Prasetyowati, S. S., & Sibaroni, Y. (2023). Hoax Detection of Indonesian News Media on Twitter Using IndoBERT with Word Embedding Word2Vec. *Jurnal Media Informatika Budidarma*, 7(3), 1088–1096. <https://doi.org/10.30865/mib.v7i3.6367>

Pratmanto, D., Rousyati, R., Wati, F. F., Andrian, Widodo, E., Suleman, S., & Wijianto, R. (2020). App Review Sentiment Analysis Shopee Application In Google Play Store Using Naive Bayes Algorithm App Review Sentiment Analysis Shopee Application In Google Play Store Using Naive Bayes Algorithm. *Journal of Physics: Conference Series*, 1641. <https://doi.org/10.1088/1742-6596/1641/1/012043>

Putra, T., Suprpto, & Bukhori, A. (2022). Model Klasifikasi Berbasis Multiclass Classification dengan Kombinasi Indobert Embedding dan Long Short-Term Memory untuk Tweet Berbahasa Indonesia. *Jurnal Ilmu Siber Dan Teknologi Digital (JISTED)*, 1(1), 1-28. <https://penerbitgoodwood.com/index.php/jisted/article/view/1509/369>

Rachman, F. F., & Pramana, S. (2020). Analisis Sentimen Pro dan Kontra Masyarakat Indonesia tentang Vaksin COVID-19 pada Media Sosial Twitter. *Indonesian of Health Information Management Journal (INOHIM)*, 8(2), 100–109.

Rahayu, A. S., & Fauzi, A. (2022). Komparasi Algoritma Naïve Bayes Dan Support Vector Machine (SVM) Pada Analisis Sentimen Spotify. *Jurnal Sistem Komputer Dan Informatika (JSON)*, 4(2), 349-354. <https://doi.org/10.30865/j>

- Ramdani, C. M. S., Rachman, A. N., & Setiawan, R. (2022). Comparison of the Multinomial Naive Bayes Algorithm and Decision Tree with the Application of AdaBoost in Sentiment Analysis Reviews PeduliLindungi Application. *International Journal of Information System & Technology Akreditasi*, 6(4), 419–430.
- Sabilirryad, I., Hasan, Z., & Hermansyah, M. (2023). Sentiment Analysis of Twitter Discussions on Rafael Alun : Multinomial Naïve Bayes and Decision Tree Approach. *Proceeding International Conference On Economic, Business and Information Technology(ICEBIT), 2020*, 803–809.
- Salazar, J., Liang, D., Nguyen, T. Q., & Kirchhoff, K. (2019). Masked Language Model Scoring. *ArXiv Preprint, Figure 1*.
- Samrin, N., & Akbar, M. N. (2023). Analisis Sentimen Komentar Pengguna Aplikasi Threads Pada Google Play Store Menggunakan Algoritma Multinomial Naïve Bayes. *AGENTS: Journal of Artificial Intelligence and Data Science*, 3(2), 1–9. <https://doi.org/10.24252/jagti.v3i2.67>
- Siniwi, L. M., Prahutama, A., Hakim, A. R., Statistika, D., & Diponegoro, U. (2021). Query Expansion Ranking Pada Analisis Sentimen Menggunakan Klasifikasi Multinomial Naive Bayes (Studi Kasus : Ulasan Aplikasi Shopee pada Hari Belanja Online Nasional 2020) 1, 2, 3. *Jurnal Gaussian*, 10(3), 377–387. <https://doi.org/10.14710/j.gauss.v10i3.32795>
- Trio, I. K., Pinajeng, P., Sukarsa, I. M., & Suwija, I. M. (2020). *Perbaikan Kata pada Sistem Chatbot dengan Metode Jaro Winkler*. 1(2).
- Veltman, A., Pulle, D. W. J., & De Doncker, R. W. (2016). The Transformer. *Power Systems, Nips*, 47–82. [https://doi.org/10.1007/978-3-319-29409-4\\_3](https://doi.org/10.1007/978-3-319-29409-4_3)
- Wahyudi, R., & Kusumawardana, G. (2021). Analisis Sentimen pada Aplikasi Grab di Google Play Store Menggunakan Support Vector Machine. *Jurnal Informatika*, 8(2), 200–207. <https://doi.org/10.31294/ji.v8i2.9681>
- Wasil, M., Harianto, H., & Fathurrahman, F. (2022). Pengaruh Epoch pada Akurasi

menggunakan Convolutional Neural Network untuk Klasifikasi fashion dan Furniture. *Info J. Inform. Dan Teknol*, 5(1), 53-61. <https://doi.org/10.29408/jit.v5i1.4393>

Wu, Y., Schuster, M., Chen, Z., Le, Q. V, Norouzi, M., Macherey, W., Krikun, M., Cao, Y., Gao, Q., Macherey, K., Klingner, J., Shah, A., Johnson, M., Liu, X., Kaiser, Ł., Gouws, S., Kato, Y., Kudo, T., Kazawa, H., ... Dean, J. (2016). Google's neural machine translation system: Bridging the gap between human and machine translation. *ArXiv Preprint*, 1–23.

Žižka, J., Dařena, F., & Svoboda, A. (2019). Introduction to Text Mining with Machine Learning. In *Text Mining with Machine Learning*. <https://doi.org/10.1201/9780429469275-1>

Zulfikar, W. B., Atmadja, A. R., & Pratama, S. F. (2023). Sentiment Analysis on Social Media Against Public Policy Using Multinomial Naive Bayes. *Scientific Journal of Informatics*, 10(1), 25-34. <https://doi.org/10.15294/sji.v10i1.39952>

