INVESTIGATION OF VOCATIONAL TEACHERS' AND STUDENTS' PERCEPTION OF ARTIFICIAL INTELLIGENCE TECHNOLOGY IN ENGLISH LANGUAGE LEARNING IN SMK NEGERI 1 SINGARAJA

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ABSTRACT

This study aims to investigate what are the challenges and how teachers and students of SMK Negeri 1 Singaraja perceive the use of Artificial Intelligence (AI) technology in English language learning. Explanatory Sequential Mixed Method was used for this study, involving 129 students and 4 English teachers as research subjects. Data were collected through survey method with questionnaire instrument and interview, which were then analyzed using descriptive statistical analysis method. The results showed that students and teachers of SMK Negeri 1 Singaraja have a positive view towards the use of AI technology in English language learning. In this study, qualitative results showed that both teachers and students at SMK Negeri 1 Singaraja have a positive view of the use of Artificial Intelligence (AI) Technology in English learning. They acknowledge the benefits of AI in increasing the interactivity and effectiveness of learning. However, there are several challenges identified, such as unstable internet connections that hinder the optimal use of AI, limitations of AI in accommodating regional languages, and constraints related to paid features that affect the use of AI. In addition, continuous adaptation to the development of AI technology is also needed so that the implementation of AI in learning can run effectively.

Keywords: Artificial Intelligence (AI), English Learning, SMK Negeri 1 Singaraja, Perceptions of Teachers and Students, Challenges of Using AI

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui apa saja tantangan dan bagaimana persepsi guru dan siswa SMK Negeri 1 Singaraja terhadap penggunaan teknologi Artificial Intelligence (AI) dalam pembelajaran bahasa Inggris. Metode Campuran Sekuensial Penjelasan digunakan untuk penelitian ini, yang melibatkan 129 siswa dan 4 guru bahasa Inggris sebagai subjek penelitian. Data dikumpulkan melalui metode survei dengan instrumen kuesioner dan wawancara, yang kemudian dianalisis menggunakan metode analisis statistik deskriptif. Hasil penelitian menunjukkan bahwa siswa dan guru SMK Negeri 1 Singaraja mempunyai pandangan positif terhadap penggunaan teknologi AI dalam pembelajaran bahasa Inggris. Dalam penelitian ini, hasil kualitatif menunjukkan bahwa baik guru maupun siswa di SMK Negeri 1 Singaraja mempunyai pandangan positif terhadap penggunaan Teknologi Artificial Intelligence (AI) dalam pembelajaran bahasa Inggris. Mereka menyadari manfaat AI dalam meningkatkan interaktivitas dan efektivitas pembelajaran. Namun terdapat beberapa tantangan yang teridentifikasi, seperti koneksi internet yang tidak stabil sehingga menghambat penggunaan AI secara optimal, keterbatasan AI dalam mengakomodasi bahasa daerah, dan kendala terkait fitur berbayar yang mempengaruhi penggunaan AI. Selain itu, adaptasi berkelanjutan terhadap perkembangan teknologi AI juga diperlukan agar penerapan AI dalam pembelajaran dapat berjalan efektif.

Keywords: *Artificial Intelligence (AI), Pembelajaran Bahasa Inggris, SMK Negeri 1 Singaraja, Persepsi Guru dan Siswa, Tantangan Penggunaan AI*