

Transforming Language Education: Opportunities and Challenges of AI

Dr. Aslıcan Çopur Bilgi

Research Assistant, Faculty of Education, Department of Foreign Languages Education,
University of Pamukkale, Pamukkale, Denizli, Turkey

Abstract:

This study explores the diverse applications of artificial intelligence (AI) in language education and its potential to create more engaging, accessible, and efficient learning environments. A descriptive research methodology is employed in this study to explore the applications and impacts of AI in language education. A comprehensive review of existing literature forms the backbone of the research, allowing for an assessment of various AI-driven technologies and their effectiveness in enhancing learner engagement and language proficiency. Data is collected from a range of sources, including academic journals, case studies, and reports on the implementation of AI in educational settings. With rapid technological advancements, AI has become an integral part of daily life, including the education sector, which has embraced these developments. As AI technologies evolve, their role in education has expanded, introducing innovative approaches to language learning. The integration of AI into language education is transforming traditional teaching and learning methods by offering advanced tools that support and enhance the educational process. This study examines various AI-driven technologies, such as intelligent tutoring systems, language learning applications, and conversational agents, and evaluates their effectiveness in improving learner engagement and language proficiency. In addition to its benefits, the study addresses the challenges and limitations of AI in language instruction. Key issues include accessibility, data privacy concerns, and the irreplaceable value of human interaction in the learning process. While AI provides significant advantages, the findings emphasize that it should be used to complement, rather than replace, traditional teaching methods. Ultimately, AI has the potential to reshape education by enhancing learning experiences, improving accessibility, and increasing efficiency. Neglecting its integration would mean missing significant opportunities for growth and innovation. Therefore, educators and institutions are encouraged to adopt AI responsibly and effectively to maximize its benefits in language education.

Keywords:

AI in Education, Language Learning, EdTech, AI Tools, Digital Learning.