USE OF ARTIFICIAL INTELLIGENCE IN PERSONALIZED LANGUAGE LEARNING

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Abstract

This thesis examines the role of artificial intelligence (AI) in personalized language learning within the modern educational environment. The rapid development of digital technologies has significantly transformed traditional teaching methods, enabling more adaptive and student-centered approaches. In this context, AI-based tools provide opportunities for tailoring educational content to individual learner needs.

Keywords: *artificial intelligence, personalized learning, language acquisition, educational technology, learner autonomy*

The study aims to analyze the effectiveness of AI in enhancing language acquisition and to evaluate its impact on learners' performance. The research is based on descriptive and analytical methods, focusing on the functional features of AI-driven educational platforms. These systems continuously monitor learners' progress by analyzing errors, response time, and behavioral patterns, allowing for the creation of customized learning paths.

The findings indicate that AI technologies contribute to improved comprehension of linguistic structures, increased learner engagement, and greater autonomy. Features such as instant feedback, pronunciation evaluation, and interactive exercises enhance the overall learning experience. However, the study also highlights certain challenges, including dependence on technology and unequal access to digital resources. In conclusion, artificial intelligence represents an effective tool for supporting personalized language learning and reflects the ongoing shift toward individualized and flexible educational models.

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