



Analysis of the Use of Artificial Intelligence Tools in the Training of Future Teachers

Jarassova Gulzhan S¹, Abdigapbarova Ulzharkyn², Issabayeva Darazha N³,
Abdulkarimova Glyussya A⁴, Zhiyenbayeva Saira N⁵, Aitenova Elmira⁶

^{1-4,6}Abai Kazakh National pedagogical university, Kazakhstan

⁵Eurazian National university, Kazakhstan

Abstract

The study is aimed at identifying and predicting factors that positively or negatively affect the attitudes of future teachers-philologists about the use of artificial intelligence technology for learning and teaching. Based on the components of the technology adoption model, the authors developed a questionnaire for Kazakh students of the pedagogical specialty studying at Abai University. The results of the survey confirm the high intention of future teachers to the use of AI applications for learning and teaching. Self-efficacy, anxiety, expected benefit, and ease of use were considered as factors.

Keywords: artificial intelligence, future teachers-philologists, practical training, technology adoption model, self-efficacy