

Application of Intelligent Models in E-Education Systems

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Graduation thesis · 2026

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The thesis explores the application of intelligent models in e-education systems, focusing on opportunities for improved personalisation, analysis of student activities, and support for the teaching process. A combined research approach is applied, encompassing theoretical analysis, quantitative research, and qualitative interpretation of the obtained results. The empirical section examines attitudes and experiences related to the use of intelligent technologies in educational environments and their impact on the efficiency and quality of learning. The results indicate that intelligent models can contribute to more adaptive and better-informed educational systems, but their application should be carefully designed, with a clear pedagogical purpose, high-quality data, and an appropriate role for the teacher.

Keywords: Intelligent models · E-education · Personalised learning