



ARTIFICIAL INTELLIGENCE & UNIVERSITY STUDENTS

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Abstract: *In this study, the authors investigate the relationship between Artificial Intelligence and students. The main key aspects related to Artificial Intelligence and students are reviewed, and the key aspects of Artificial Intelligence are detailed in an attempt to identify those aspects that help students continue their education and prepare for their careers and lives. The results of the analysis of the articles show that the most useful key aspect in this regard is natural language processing.*

Artificial intelligence has become an integral part of many industries – from healthcare to entertainment – which continue to evolve rapidly, offering new opportunities and challenges. Artificial Intelligence refers to the simulation of human intelligence using machines programmed to think and learn like humans (Qawqzeh, 2024). These intelligent systems can perform a wide range of tasks, such as learning from experience, decision-making, speech recognition, and problem solving (Bearman & Ajjawi, 2023).

• Results and discussions

Machine learning Machine learning is a subset of Artificial Intelligence that allows computers to learn and make decisions based on data, without being explicitly programmed for each specific task. Essentially, machine learning means creating systems that learn and adapt from experience, improving their performance over time.

• Conclusions

- Of all the key aspects that can help students continue their education and prepare for their careers and lives, natural language processing seems to be the most useful (as evidenced by the large number of articles on the topic) because it has the potential to help students stay engaged in the course material and feel more connected to their learning experience, can simulate conversations with students to provide feedback, answer questions, and provide support, and uses a large data set to generate answers to student questions, feedback, and requests.