Integration of Artificial Intelligence in Teaching and Learning: Opportunities and Challenges

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Abstract

The incorporation of Artificial Intelligence in education offers numerous possibilities. It can support wider access to high-quality education and contribute to the development of effective pedagogical approaches and deeper learning outcomes. However, the adoption of AI technologies in education also brings certain challenges. Issues related to ethical implementation, the evolving role of teachers, and the psychological well-being of learners have emerged as significant concerns. This research paper examines both the opportunities and challenges associated with integrating AI into teaching and learning processes. It also highlights the importance of ethical practices and the suitability of AI integration within educational contexts.

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