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Role of Artificial Intelligence in Transforming Teaching, Learning and Assessment

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Abstract

The integration of Artificial Intelligence (AI) in education is revolutionizing the traditional paradigms of teaching, learning, and assessment. This paper explores the multifaceted impact of AI on educational practices, highlighting its potential to provide personalized learning experiences, enhance teaching quality, and redefine assessment methodologies. While the benefits of AI in education are significant, including improved student outcomes and increased access to quality education, the challenges associated with its implementation, such as equity and access, must also be addressed. This paper aims to provide a comprehensive overview of the role of AI in transforming education, discussing both its advantages and the obstacles that need to be overcome for successful integration.

