

# The Impact of Artificial Intelligence on Education

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**Abstract:** *Artificial intelligence (AI) is developing and its application is spreading at an alarming rate, and AI has become part of our daily lives. As a matter of fact, AI has changed the way people learn. However, its adoption in the educational sector has been saddled with challenges and ethical issues. This study investigates how artificial intelligence (AI) is affecting teaching and learning, assessment, morals, necessary skills, and future employment in education. The purpose of this study is to analyse the opportunities, benefits, and challenges of AI in education. A review of available and relevant literature was done using the systematic review method to identify the current research focus and provide an in-depth understanding of AI technology in education for educators and future research directions. Findings showed that AI's adoption in education has advanced in the developed countries and most research became popular within the Industry 4.0 Other challenges, as well as recommendations, are discussed in the study.*

**Keywords:** Artificial intelligence