Managing Educational Systems and Sector in the Context of Artificial Intelligence: An Overview

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Abstract

Technology has always played a significant role in the evolution and development of societies everywhere. Artificial intelligence is emerging as the next game changer in the field of technology. It is the simulation of human cognitive processes by computers, specifically computer systems. The use of artificial intelligence might considerably improve the overall functioning of the educational system. The key goals of integrating artificial intelligence in educational management and administration are to improve educational and administrative quality. In the classroom, virtual and augmented reality provides students and teachers with real-time teaching and learning experiences. There is an urgent need to expand educational access, provide technical support and guidance to universities, and include provisions for technology-based online learning management systems that support lifelong learning, as well as online administration and management activities that meet the needs of researchers and academicians. The current paper describes how AI can automatically change existing administrative and management systems at the institutional level, as well as electronically modifies traditional teaching and learning techniques by seamlessly integrating with E-learning technology and online Learning Management Systems.

Keywords: Technological Era, Artificial Intelligence, Educational System, Global learners, Educational Management and Administration

Introduction

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support to enhance their learning skills. AI technology will go a long way in the field of education and benefit the human race in times to come.

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