EXPLORING ARTIFICIAL INTELLIGENCE IN EDUCATION

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Artificial intelligence has infiltrated every sector, including education. As we've seen, AI is being used in several ways to achieve similar goals by administrative staff, school leaders, teachers, and students. Additionally, from kindergarten through graduate school, one significant way artificial intelligence will influence education would be through the increased use of instructional strategies. Adaptive learning systems, simulations, and software are already achieving most of this. And there's no denying that AI's roots in this industry have grown much broader and more profound in recent years.

The majority of artificial intelligence and machine learning applications in education are virtual rather than robotic. It could include physical components like the Internet of Things (IoT) audio or visual sensors that gather or monitor external data. However, the most common application of digital software processing systems is artificial intelligence in educational system applications. Having stated that, this phenomenon occurs at various levels of education.

On the other hand, AI systems can use standard syllabus materials to create customized textbooks for various objectives. These systems digitize and develop new instructional interfaces for students of all ages and grades. In general, AI and digital technologies aid in removing borders and the provision of learning opportunities for students worldwide. Students can get knowledge and resources from intelligent web search and recommendation engines to help them continue their studies. As a result, this is one of the most significant advantages of instructional artificial intelligence.
Furthermore, machine learning concepts are directly related to how people learn. Not surprisingly, these technical advancements drive the use of artificial intelligence. Because there are numerous stakeholders involved, there are different methods to use artificial intelligence in education, and solutions are now available on the market for adults, children, tutors, and schools. In the end, AI-based systems can assess a large amount of data, and the use of artificial intelligence in education includes teaching, communication, management, and resource management.

References:
