

Revolutionizing Education – The Profound Impact of AI

By Gaurvendra Pratap Singh Pundhir

Introduction



AI has a significant history, but its true impact

became evident in recent years, particularly during the COVID-19 pandemic when people were confined to their homes. During this time, individuals discovered various AI tools capable of swiftly resolving their issues, often within minutes or even seconds. One noteworthy example is Chat GPT, which captured the world's attention during the pandemic, leaving many in awe of its remarkable capabilities.

We can expect to see even more innovative and impactful applications of AI in the market. Moreover, in the recent years there have been major advances in areas such as machine learning, natural language processing, and computer vision. The cost of AI technology is also now decreasing, making it more affordable to adopt.

Personalized Learning

Efficiency and Customization

Efficient Administrative Processes

From Grading to Teaching

For instance, the Computer Department at UA employs Auto-grader technology. When a code file is uploaded, this software meticulously scans and analyses the lines of the program, assigning grades based on the criteria pre-programmed into the Auto-grader's AI system.

Accessibility and Inclusivity

Empowering Students

Enhancing Teacher's Role

AI serves as a valuable tool for automating laborious and repetitive tasks, allowing educators to allocate their time to more imaginative and interactive endeavours. Nevertheless, it is

equally crucial to maintain the human element, which is indispensable for effective teaching, rather than entirely replacing it with AI.

Augmented Expertise

AI has the potential to deliver personalized one-on-one instruction to students, offering particular benefits for those whose learning rates diverge from their classmates.

Automating tasks like essay grading and feedback provision can liberate teachers from administrative burdens, enabling them to dedicate their time to delivering tailored and personalized instruction.

AI could also be used to generate lesson plans and create assessments based on a teacher's curriculum and the needs of their students. This could save teachers a significant amount of time and effort.

Challenges and Ethical Considerations

The impact of AI on education is a complex issue. Though it is clear that AI has the potential to broaden the possibilities of learning. However, the risk that AI possess might lead to a narrowing perspective and a reduction in thought and creativity.

It has be ensured that the government forms some rules & regulations to monitor AI up to some extent. In order, to maintain peace & harmony between humans and machines, unlike; Detroit: become human!

Overall, the impact of AI on education is still uncertain. It's still in the beta phase of development. Although, the plans to use AI is for productive growth and greater good, but one should always keep an eye out in order to minimize any potential risks or extreme threats whenever they arises.

The Future of AI in Education

Unlocking Lifelong Learning

Conclusion