

ARTIFICIAL INTELLIGENCE IN EDUCATION: ITS DRAWBACKS AND ADVANTAGES

by:

Anna Rose D. Nacu

Teacher II, Old San Jose Elementary School

As Artificial Intelligence (AI) increasingly integrates into our everyday life, its impact on education warrants both excitement and careful consideration. The application of artificial intelligence in education involves utilizing computer systems capable of executing tasks that usually demand human intelligence to improve learning experiences, simplify administrative tasks, and assist teachers and even students. ChatGPT is among the most widely used AI applications.

There are conceivable benefits and opportunities when using artificial intelligence in education, but there are also possible risks and drawbacks. AI in education has benefits and potential problems that must be carefully thought through, planned for, and continuously assessed. However, cautious consideration is necessary due to the dangers of bias, false information, and student isolation.

Both positive and negative effects are apparent in the complex relationship between artificial intelligence and education. AI improves productivity, accessibility worldwide, and the creation of cutting-edge teaching resources. It can also empower educators, speed up learning, and readily personalize educational experiences. Nonetheless, there are obstacles, like issues about data privacy, possible biases in AI algorithms, and, worst, the possibility of educators losing their jobs. Ensuring fair access, resolving ethical concerns, and implementing AI responsibly are all critical to the quality of education. Evaluating AI's potential is essential for educators who want to effectively advocate for both themselves and the students they teach.

When it comes to the future of AI in education, it has the potential to upend the traditional methods of instruction. By automating administrative duties, introducing tailored learning experiences, and adjusting to the demands of each individual student, it transforms the roles of educators. AI-powered analytics enable data-driven decision-making by offering previously unheard-of insights into student performance. Conventional classroom arrangements are challenged by virtual reality and simulations, which improve experiential learning. However, as AI becomes more prevalent in education, it raises uncertainties about the potential displacement of teachers. With AI systems assuming more responsibilities that educators typically handle, there is apprehension that teachers might be rendered unnecessary.

In the end, AI has the ability to greatly enhance education by streamlining procedures, enhancing learning results, and equipping students for the needs of a world that is changing quickly. Its effectiveness, consequently, depends on striking a delicate equilibrium between utilizing technology and maintaining the fundamentally human aspects of teaching.

References:

<https://www.waldenu.edu/programs/education/resource/five-pros-and-cons-of-ai-in-the-education-sector>

<https://www.ucanwest.ca/blog/education-careers-tips/advantages-and-disadvantages-of-ai-in-education/>