

I'm not robot



Role of artificial intelligence in education ppt

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Artificial intelligence (AI) is designed to simulate human-like intelligence in machines. It's a broad term that encompasses various forms of intelligent behavior, including learning and problem-solving. The ultimate goal of AI is to make rational decisions that maximize the achievement of specific objectives. A subset of AI is machine learning (ML), which enables computers to automatically learn from and adapt to new data without human assistance. Deep learning techniques are used to absorb vast amounts of unstructured data such as text, images, or video. AI's impact on education will be multifaceted, with some schools leveraging AI systems to track student progress and alert professors when performance issues arise. This technology can also alter how we access and interact with information, often without us even noticing. For instance, Google adapts search results based on location, while Amazon makes recommendations based on previous purchases. AI's role in education could shift the way teachers teach, potentially taking over tasks like grading or serving as a substitute for real-world tutoring. However, AI may not entirely replace human teachers, but rather reposition them as facilitators who guide students through their learning journey. AI can also make trial-and-error learning less intimidating by providing a judgment-free environment where students can experiment and learn from their mistakes. Additionally, data powered by AI can revolutionize how schools find, teach, and support students, enabling more personalized approaches to education. Ultimately, AI may change the very fabric of education, influencing not only what we learn but also where, who teaches us, and how we acquire basic skills. While significant changes may still be on the horizon, AI's potential is undeniable, and its impact will likely be profound in shaping the future of education. Artificial intelligence is gaining importance in education, offering numerous benefits for students and teachers alike. One major advantage of AI in education is the reduction of risks associated with human error. AI robots can perform tasks such as defusing bombs, exploring deep-sea environments, and navigating hostile atmospheres with ease. Moreover, AI can provide 24/7 availability, eliminating the need for breaks and time off. This means that students can access educational resources at any time, and teachers can monitor student progress remotely. Digital assistance is also becoming increasingly prevalent in education, allowing students to interact with chatbots and digital assistants to receive personalized support. Another significant benefit of AI in education is its ability to make unbiased decisions. Unlike humans, AI is devoid of emotions and biases, ensuring that decisions are based on facts rather than personal opinions. This leads to more accurate decision-making and a better learning experience for students. However, there are also some disadvantages to consider. One major drawback is the high cost of implementing AI in education. Creating sophisticated machines that can simulate human intelligence requires significant resources and investment. Additionally, AI systems may lack creativity, as they are limited by their programming and data. Furthermore, the increasing use of chatbots and robots may displace certain occupations, leading to concerns about unemployment. As AI continues to rapidly grow and evolve, it's crucial for humanity to keep its development in check to avoid catastrophic consequences. While AI has numerous benefits, including driving sustainability and enhancing industry growth, there are also concerns about its potential impact on our future. To thrive in the era of artificial intelligence, humans will need to upskill and acquire AI literacy to excel in new-age jobs. UNESCO has taken a leading role in shaping AI-driven education, releasing a publication to guide policymakers in harnessing AI's opportunities while protecting human rights and core competencies. The organization aims to promote effective human-machine collaboration, sustainable development, and equal opportunities for all. As Assistant Director-General Stefania Giannini emphasized at the International Conference on Artificial Intelligence and Education, it's essential to steer this technological revolution towards a fair and inclusive globalization that improves livelihoods and reduces inequalities.