

Importance of Artificial Intelligence (AI) in Modern Society: Pros and Cons

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Artificial intelligence is the technology of integrating human intelligence with machines. Under AI comes machine learning and deep learning. The algorithm of machine learning and deep learning should be designed accordingly for better AI performance. Technology is advancing at fast pace. Modern technology requires speedy execution of tasks with minimal error. With the emergence of AI speedy execution with minimal error had been possible to a great extent. But AI has some positive and negative issues.

Some of the advantages are: minimization of human error in various tasks; fast decision taking ability; zero risks in some tasks where human involvement is dangerous; un-partial and fair decisions for taking some critical decisions; applicable in manufacturing industries for making repetitive products; helpful in medical field by enhancing doctors/researchers in analyzing doctor's data; promotes safety and fraud detection in financial industries/transactions; reduction of costs for various tasks [1].

Some of the disadvantages are: decrement of human creativity like emotional intelligence, abstract thinking, and imagination; laziness of human body due to less involvement; privacy problem due to large data operation at a time; increase in unemployment; misuse of AI if it falls under wrong hands; deficiency of common sense, interpretability, adaptability, and morality [1].

Although AI has benefits and drawbacks it should be utilized in such a proportion that human society can live peacefully without any threat to present and future citizens.

Reference

1. <https://www.simplilearn.com/advantages-and-disadvantages-of-artificial-intelligence-article>