

Artificial Intelligence: Are benefits outweighs risks?

OUTLINE

- (1) Introduction
- (2) Crunch Paragraph
- (3) Artificial Intelligence poses more risks than benefits
 - (a) Artificial Intelligence results in loss of jobs
 - (b) Artificial Intelligence give rise to lethal weapons
 - (c) Artificial Intelligence diminishes creativity
- (4) The benefits of AI outweighs ~~costs~~ risks
 - (a) Development of self-driven cars
 - (b) Artificial Intelligence eliminates risks faced by humans
 - (c) Artificial Intelligence helps in education
- (5) Conclusion

A knife is used for both positive and negative aims. It not only used to cut fruits or vegetable but also to kill a human being. Similarly, artificial intelligence is a two-sided sword having both benefits and risks. According to a survey of AI researchers; machines will outperform humans in all intellectual tasks within the next 60-70 years. This proliferation of artificial intelligence systems and their ability to supersede human beings in the future give rise to both opportunities and risks. The above discussion sparks questions in mind: What are the benefits of artificial intelligence? What type of risks are posed by artificial intelligence? Artificial intelligence is characterized by a lot of benefits. It helps humanity in education, healthcare, businesses, transportation, decision making, and personal life. It performs various tasks with accuracy and precision. From tracking location to the development of self-driven cars, everything is a wonder of artificial intelligence. Along with benefits, it also poses grave risks to humanity. The invention of lethal weapons that are based on artificial intelligence is a threat to human life. The negative impact on creativity and critical thinking also falls in the court of artificial intelligence. Moreover, the loss of jobs is another drawback of artificial intelligence. It is not a denying fact that artificial intelligence brings in various benefits; the risks posed by it outweighs these benefits due to loss of jobs, development of lethal weapons like slaughter-bots, and loss of creativity.

Artificial intelligence is the ability of machines and artificial intelligence systems to perform tasks just like ~~the~~ humans do. It is capable of performing various intellectual processes like ability to reason, discover meaning, generalize the results, and learn from past experiences. Nothing in this world is without advantages and disadvantages. In the same fashion, artificial intelligence is endowed with both benefits and risks.

The loss of jobs is one of the risk that has been considered. The advancement in artificial intelligence results in loss of jobs in labor-intensive industries. The rising unemployment is the factor that contributes to poor standards of living. According to World Economic Forum latest report, AI will result in 83 million job losses, with only 69 million jobs created by 2027. That will result in a net loss of 14 million jobs. This evidence shows that jobs created in future are less than jobs lost, and it is the manifestation of the argument that the risks of artificial intelligence outweighs its benefits.

Another risk of equal importance is the invention of lethal weapons like slaughter-bots. Also called killer bot, a slaughter-bot is an autonomous weapon system that uses artificial intelligence to hit its target without human intervention. Moreover, it can kill anyone without differentiating among between original target and innocent people. According to Max Tegmark, professor at Massachusetts Institute of

Technology, "A slaughter-bot would basically be able to anonymously assassinate anybody." It is clear from the discussion that the risks posed by artificial intelligence are severe as compared to benefits.

Last but not the least risk of artificial intelligence is the loss of creativity. The emergence of various artificial intelligence bots and softwares hamper the quality of creativity. Especially, the students are reluctant to learn the skill of critical thinking, which ultimately leads to creativity. Instead, they use different chatbots like Chatgpt, Bard, and Bing AI to solve their assignments and projects. This loss of creativity obstructs the process of new inventions and discoveries. According to a Harvard Business Review article, generative AI applications like Chatgpt and Midjourney are challenging the special status of creativity as a uniquely human quality. This reinforces that the artificial intelligence is causing more harm than providing benefits to the society.

The people who believe that benefits of artificial intelligence outweighs its cost give the argument of development of self-driven cars. According to them, artificial intelligence has eased the lives of people as they can travel anywhere without driving the car. They argue that these cars are able to move without any error and fault, as they are dependent on the sensors installed. However another angle on this debate suggests that the chances of accidents are

Probable due to the failure of sensors; the sensors are installed by humans and there is a probability of human error. According to the 2022 US Department of Transportation report, there have been at least 605 self-driving car accident reports out of which 474 were Tesla cars. This fact proves that the benefits of artificial intelligence do not supersede its risks.

Another argument put forward by proponents of benefits of artificial intelligence is the elimination of hazards to humans. They argue that artificial intelligence performs the tasks accurately without any mistake. Moreover, it performs those dangerous tasks which otherwise are performed by humans, thus saving them from the dangers of those tasks. However, not all research shows that artificial intelligence eradicates the dangers to human beings, some events agree that it becomes detrimental to human beings. For instance, the Therac-25 was a radiation therapy machine developed in the 1980s. It used software to control the amount of radiation delivered to cancer patients. However, due to a programming error, the machine delivered lethal doses of radiations to some patients, causing serious injuries and even deaths. It is evident from the debate that artificial intelligence is not always prevent damages to humans making them prone to the dark side of artificial intelligence.

In a similar way, the advocates of benefits of

artificial intelligence point towards the benefits of artificial intelligence in education. They say that chatbots like Chatgpt, Bard, and Bing AI aids both teachers and students to access relevant information quickly and easily without going into the hectic process of searching on the internet. Contrarily, the reality is opposite. Although, chatbots help to get relevant information easily, the bleak side of these chatbots is linked to killing of creativity and critical thinking skills. The students completely rely on chatbots, and they do not bother to brainstorm and think out of the box. This fact is the proof of the dangers of artificial intelligence comparative to its benefits.

From the above discussion, it is clear that the risks of artificial intelligence outweighs its benefits. Notwithstanding the fact that it proves to be beneficial for humans, the risks of artificial intelligence have rung the bells of concerns by increasing unemployment, invention of deadly weapons, and removing creativity. The arguments of advocates of benefits are not based on rational thinking and objectivity.