

Artificial Intelligence

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Artificial Intelligence, in simple terms, refers to the ability of machines to make decisions in a similar manner to humans (Mitchell, 2019). The different types of AI put them into categories that include intelligence machines that learn, that are programmed to observe, analyze data, and think like the human brain (Bernard Marr & Co., 2019). In modern society, one cannot escape AI as its infusion into various sectors continues to show promising results. Everything that people love about civilization is a product of AI. Artificial intelligence ensures efficiency and improves human capabilities. It has become intertwined with everything that people do, and for some people it is hard to live without it (Rounak, 2017). However, as technology firms continue to adopt AI, people worry about it due to its potential adverse effects. A few concerns regarding artificial intelligence include their impact on employment and safety concerns. The automation of tasks in various sectors renders humans that were performing the tasks jobless. Millions of people will lose jobs due to the utilization of AI in such tasks. Therefore, it is essential to balance the advantages and disadvantages of the application of Artificial Intelligence. I support AI and urge those against it to consider various ways in which AI can be intertwined with people to become an essential part of society.

AI has many benefits in healthcare, agriculture, and manufacturing sectors, among others. The applications of it in healthcare range from preventive interventions, predictive diagnostics, and automated operations to precise surgeries. Artificial Intelligence is ensuring that the healthcare landscape is changing for the better through reducing expenditure and improving patient outcomes (Randall, 2019). In healthcare, AI does repetitive jobs, manages medical data and records, does digital consultation, provides treatment virtual nurses and treatment designs, and conducts medical management (Rounak, 2017). AI further creates drugs and also is involved

in others' uses. AI also can revolutionize the agricultural sector. Agriculture has become an extensive industry. It requires a lot of machines to do different kinds of tasks. It assists in crop fertilization, pesticide administering, and planting of seeds, etc. (Randall, 2019). Crop monitoring has also become more manageable through the use of drones which provide effective results and data analysis. The data collection and analysis by AI are essential in increasing output. AI assists in the study of soil conditions and crop health to ensure that the final product will improve. Farmers also take advantage of AI in harvesting crops that are difficult for human gathering. In the manufacturing sector, AI can be used to do dangerous and monotonous jobs. Monotonous work often becomes boring, and human productivity becomes low. The use of AI ensures efficient and productive work at all times. Therefore, AI has more significant benefits to society and the industrial revolution.

The concerns shown by people against artificial intelligence are also genuine. AI supports automation, which impacts human labor. As more jobs become automated, people assume more complex roles and move away from physical to cognitive labor. Such labor is characterized by administrative and strategic work in society. However, for tasks such as truck driving, people are likely to lose jobs. In the United States, millions are likely to experience this effect due to the automation of trucks. Individuals such as Elon Musk of Tesla support AI and have plans to develop self-driving vehicles (Randall, 2019). Such use of AI means that many workers will lose their jobs, which they depend on for a living. AI is a powerful technology that people can use it for nefarious reasons. The use of robots as human soldiers and automation of weapons is a productive and safer way for humans in war. However, this technology can be used in malicious ways. People can use AI to terrorize others. Another concern is whether AI can turn against

people. The development of AI can also be disastrous for humans. There can be unforeseen consequences of AI that can be terrible. Besides, wrongly programmed AI machines can have unexpected negative results. Thus, the concern over developments in AI is valid for human economic conditions and safety.

Despite these genuine concerns over the potential harm that AI can cause, the integration of AI into societal development is possible. Automation use may eliminate some jobs, but it has the potential of creating more jobs for humans. The purpose of AI is to reduce the low-skilled jobs, leave them to machines, and generate high-skilled job opportunities that will revolutionize different sectors in the economy. For example, if AI adaptation to the language translation ensures a considerable demand for highly skilled human translators, people that speak multiple languages in society will have opportunities for employment. It will not only create jobs for them, boost international trade, therefore, improving global business. AI can also change the workplace environment into a positive one. It will change the workplace environment as employees are re-tasked from boring jobs to positive and significant areas that they can maximize their skills. For example, the automotive industry utilizes AI in performing repetitive tasks in the assembly lines. Therefore, AI has the potential of not only creating more jobs but increasing productivity through creating a positive environment that is healthy for people.

The concerns over potential safety hazards such as robot attacks and wrongful programming are fallacies. People talking of potential human safety concerns and captivity due to the development of AI are trying to force fascinations on people. It is introducing fear without evidence into the practice of developing AI. The idea of AI controlling humans in the future is a myth. Intelligence enables control, and human beings are intelligent enough to not only create AI

but also manage it. Thus, the mythical concerns should not be a reason to thwart technological advancements in AI.

In conclusion, more research continues on how AI can become more useful in different industries. The AI technological advancements are proving to be trustworthy and efficient in various trials. The importance of AI cannot be undermined as its use in drones and robotics is essential in the upcoming industrial revolution. The development of AI also considers human concerns such as job loss and safety. AI is bound to create more jobs, and human beings are always in control as their intelligence is natural. Therefore, the advancement and application of AI are critical to the creation of a better society.



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