

# Artificial Intelligence Can Be The Savior Of Human Race

## 1. Introduction:

Artificial intelligence can be the savior of human race by using it in various fields of life, including healthcare, finance, environment and technological revolution; however, it can also be the destroyer by concerning over its negative usage. In fact, these negative aspects can be overcome by taking several measures.

2- Artificial intelligence can be the savior of human race (thesis)

a) AI in healthcare services.

b) AI for the purpose of environmental conservation.

c) AI in scientific and Technological advancement.

d) AI in emergency situations and disasters.

2) AI in financial inclusion

3) AI can be the destroyer of human race. (Anti-Thesis)

a) Threat of jobs displacement.

b) Misleading content to manipulate the public opinion.

c) Concerns of ethical dilemma.

d) AI in future warfares.

e) discrimination and fraudulent.

4) AI can only be used as a savior of human race. (Synthesis)

a) Public engagement and awareness.

b) Ethical design and development in AI system.

c) Continuous evaluation and improvement.

d) Safeguards and security measures.

e) Transparency in AI system.

5) Conclusion

Artificial intelligence is like a double edged sword which can be the savior or the destroyer of human race. It can have both positive and negative consequences.

By using it in various fields of life for the betterment of humanity, it can be the savior of human race.

It can be used in healthcare services, environmental conservation, technological advancement and financial inclusion. However, there are many threats associating with the use of artificial intelligence.

It can be the destroyer of human race by creating discrimination, manipulation and destruction.

Although it has negative impacts, these can be fixed by <sup>taking</sup> security measures, ethical designs and

transparency in artificial intelligence systems. Artificial intelligence can

be the savior of human race by using it in various fields of life, including healthcare, finance, environment and technological revolution; however, it can also be the destroyer by concerning over its negative impacts. In fact, these negative aspects can be overcome by taking several measures.

Artificial intelligence has many uses in healthcare services. It can be used to predict future diseases, surgical assistance and patient monitoring. In the present era, where healthcare is a major concern, AI can have many significant impacts in healthcare services. For example, 'Watson for Oncology' uses AI to assist doctors in cancer treatment decisions, enhancing accuracy.

and efficiency in diagnoses. Moreover, it can be used for drug discovery and patient care. Hence, it can be used as a savior of human race by preventing it from various diseases and by improving the diagnostic techniques.

Artificial intelligence can be used for the purpose of environmental conservation. Humanity is facing various threats from climate changing. Climate change has many negative impacts on humanity: economic crises, health issues and environmental degradation. However, artificial intelligence can be used to encounter these ongoing issues. It aids in predicting natural disasters, managing

managing resources and creating healthier environment. For example Google's Deep Mind uses AI to improve the efficiency of wind farms, optimizing energy production. Hence, AI can be the savior of human race by conserving its environment.

Artificial intelligence can bring scientific and technological advancement. It can bring innovation in various fields from renewable energy to space exploration. Moreover, it can be used to create robots for the ease of mankind. For example, Erica and Sophia, humanoid robots has been developed which talk and behave like humans. Moreover, SpaceX utilizes AI for autonomous

rocket landing and navigating during space missions. These scientific and technological advancements have aided mankind in taking quick decisions, disaster predictions and ensuring effective tasks.

Artificial intelligence is widely used in emergency situations and disasters. It is used to collect information about trapped victims, extent of damage and forecast upcoming disasters. Because of AI-powered robots, sensors and drones, human can encounter the emergency situations with effective techniques. For example, Cyclone Fani hit the southeastern states of India in 2019. Indian Meteorological Department predicted this storm, and

evacuated 1.2 million people, with the help AI system of forecasting. Hence, AI can be the savior of human race by preventing it from various disasters and mishaps.

Artificial intelligence plays a pivotal role in enhancing financial inclusion. It provides easy ~~access~~<sup>access</sup> to banking, credit and insurance services to population. These advancement in financial system can aid in accessing financial resources for people belonging to remote or marginalized areas. For example, the use of AI-powered chatbots by financial institutions like Kasisto and Cleo. It helps in personalized financial guidance and assistance, making banking



services more accessible. Hence artificial intelligence has helped in bringing financial inclusion.

Looking at the grim picture of using artificial intelligence, jobs displacement is the major threat caused by AI. With the widespread use of AI in banking system, industries and in other institutions, humans have a great threat that they will lose their jobs. Artificial intelligence ensures more accuracy, multitasking and efficiency in every department of life. Hence, it is becoming more preferable over human labor. The World Economic Forum concluded in 2020 that AI would take away 85 million

jobs globally. Hence, there is a great threat of job displacement by using AI.

Artificial intelligence can be used in misleading the content, and hence, manipulate the public opinion. It can damage the democratic system by manipulating the personal and political viewpoints. AI can create fake images, content and videos which can damage the peace. For example, Israelites has used AI system to create fake images, content and videos against Palestinian in ongoing war. Moreover, it can generate deep fakes in political advertisements, and destroy the democratic

system. Hence, AI can mislead the public.

Many concerns of ethical dilemma are attached with the use of artificial intelligence. It can be used to steal sensitive data, manipulate decision making or cause physical harm.

Many incidents have shown that hackers exploit the vulnerabilities in AI-system.

For example, Cambridge Analytica scandal in 2018, in which personal data from Facebook was harvested and used for targeted political advertisement.

Moreover, ethical dilemma occurred in 2020 when AI-powered chatbot named "Replik" encouraged self-

harm and suicidal thoughts in some users. Hence, it is responsible for some harmful incidents.

Artificial intelligence can be used in future wars, and thus, escalate the conflicts. It is used in many military systems for various purposes, including autonomous weapons, battlefield decision-making and intelligence gathering. Autonomous weapons, such as drones are equipped with AI. The AI lead weapons can conduct missions without human intervention. For example, companies like China's DJI and the US-based General Atomics are known for

developing drones equipped with AI for military purposes. Hence, AI can impose major threats in future wars.

Discrimination and biasness are the major negative impacts of using artificial intelligence. AI system has discriminated white and black people. Moreover, biasness is enrooted in its system. Many developed countries are getting the full advantages of AI system while, there are many countries which have no proper access to AI system. Moreover, it has a facial recognition software which has favoured the people having the lighter skin tone. In 2018, Amazon has

admitted that its AI recruitment tool was flawed, as it considered that males are superior than females. Hence, discrimination and biasness in AI system can destroy the peace and prosperity of nations.

Despite all the challenges of using artificial intelligence, it can only be used as a savior of human race. The many measures can be taken to enhance its positive use. Public engagement and awareness is necessary to ensure the positive outcome of using AI system. Ethical implications can be fixed by engaging the public to discuss its ethical concerns. For example, organizations like AI Now Institute-

Symposium held many symposiums to bring together experts and public and to discuss social impacts of using AI. These measures can bring the positive outcomes regarding the use of AI system.

Ethical designs and development in AI system can encounter all the misconducts of AI. Ethical issues are the major concern of using AI, which can the human race. However, if humans input some ethical designs in AI system, it can differentiate between ethical and unethical things. For example, Google's Ethical AI Principles guide the development and deployment of AI and to ensure its ethical considerations. Hence,

AI can only be the savior of mankind, if humans eliminate the unethical designs of AI.

Continuous evaluation and improvements in AI system can ensure the its positive consequences. Taking regular feedbacks, assuring data quality and regular testing can minimize its negative impacts. For example, <sup>re-evaluation of</sup> AI-powered autonomous vehicles are vital to ensure the safety of these vehicles. For example, companies like Tesla, update its system to improve road safety, reduce accidents and enhance the driving experience for users. Hence, continuous evaluation and



improvements in AI system are necessary to minimize the negative consequences and to enhance the positive outcomes.

Safety and security measures are necessary to ensure the positive use of AI. Steps should be taken to enhance data privacy, cybersecurity, transparency and bias mitigation. They can minimize the risks of and promote the positive impact of AI. For example, patient data regulations, in the field of medical, can ensure patient confidentiality. HIPAA (Health Insurance Portability and Accountability Act) in the United States helps to ensure the safety and security of

patients. Hence, safety and security measures should be taken to ensure the positive impacts of AI system.

Transparency in AI systems plays a major role in ensuring positive outcomes. Transparent AI systems provide explanations for the decision in critical domains like finance and healthcare. It can help to improve the system. It allows to identify biases in AI algorithm. For example, transparent AI in loan approvals, provide the explanations for loan approval decisions. If a loan application is denied, the system can explain the factors contributing to the decision. This can

help the applicants to understand issues. Hence, transparency in AI system is necessary to ensure its positive use.

In a nutshell, artificial intelligence is like a coin having the two sides: positive and negative. Its positive uses in human life ensure that it can be the savior of human race. It has a multiple applications used in different situations and fields. These applications ensure the security, prosperity and safety of human race. On the other hand, it has many negative consequences. These negative impacts, including manipulation, discrimination and destruction

have raised many questions regarding its positive outcomes. However, these negative outcomes can be minimized by taking several measures. These measures will ensure that AI can be the savior of human race.