

Artificial Intelligence Can be the Savior of Human Race

Thesis Statement: Artificial intelligence has a huge potential to become the savior of human race

Outline

Artificial Intelligence with its immense potential for benefitting human race can be labelled as the savior of human race.

However, some people may argue against this notion because of AI's potential risks and threats. Nevertheless, every cloud has dark, yet consideration for mitigating its concerns can enhance AI's chances of being the savior of Human Race.

I. Introduction:

II. Artificial Intelligence - an overview

III. Artificial Intelligence cannot be the savior of Human race: A Counter Perspective:

A: Lack of inherent values and understanding of human context

Case in point: AI translating medical literature in Tanzania

B. Amplifying social biases

Case in point: AI algorithms usage in the US criminal justice system

C. Job displacement and economic disruption

Case in point: Automation of manufacturing, customer service and transportation sector

D. Misinformation and manipulation

Case in point: Deepfakes (AI-generated videos, Election manipulation)

~~E. Lack of global accessibility and equity~~

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Case in point: Difference in benefits sought by Global South and North; Developed and developing world

F. Weaponization of technology; Autonomous weapons

IV. Refuting the notion that Artificial Intelligence cannot be the savior of human race:

A. Machines lack inherent values; but machine manufacturers have values
"Tech is just a tool" by Emily

B. Social biases are not the machine traits; its human's.

Shrinivasan Romani's quote

C. Job displacement and job generation are simultaneous products of technology

Hans J. Sahl on evolution

D. Misinformation and manipulation are through Artificial intelligence but still its human's interest behind it

E. Difference in resource allocation between developed and underdeveloped countries can be reduced if Artificial Intelligence is utilized effectively

F. Nuclear bombs and weapons of mass destruction have the same risk even worse than ^{that} of AI weapons; Security through weapons is an old debate

AI Bletchley declaration in UK

V. Artificial Intelligence can be the savior of human race; How:

A. Potential of tackling global challenges

- i. Climate change concern
- ii. Healthcare tailoring

B. Enhancing human's capabilities:

- i. Education through AI tutoring
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- iii. Empowerment of disabled person

C. Promoting Economic growth:

- i. Personalized marketing; AI enhancing individual preferences
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V. Conclusion

Essay:

Hans J. Scholl commented, "Technology has always been a building block of humankind's evolution and change". Artificial intelligence landmark entrance into the field of technology has yet to prove Hans' words as Artificial intelligence has evolved humankind and can be the savior of it? Though people considers owing to Artificial intelligence's potential and ^{seemingly} unmanageable risks that it can not be the savior of human race. Artificial intelligence lacks the inherent values and thus can be a source of destruction instead of savior of human race. Social biases are also amplifying, job displacement and misinformation and manipulation are another factors portraying Artificial intelligence cannot be the savior of human race. Weaponization of technology and widening gap between developed and under-developed world are some of the major concerns proving the

notion that Artificial intelligence will benefit humanity and human kind is worth of reconsidering it. However, Tech is just a tool, it's human behind the tech proves that machine does things only what they are programmed to do. Thus, all major concern are reputed if human knows how to value their own humanity.

Thus, machines are just tools. Therefore, if properly utilized, Artificial intelligence can be the savior of human. Artificial intelligence portrays itself as savior.

because it has great potential to tackle the global challenges. whether it be of climate change or of healthcare concerns as in the case of Pandemic. Artificial intelligence can also enhance human's capabilities through empowering disabled person, educating through AI tutoring and predicting disaster and providing quick and efficient disaster response. Artificial intelligence can also promote economic growth.

Financial inclusion of countries and promotion of AI personalized marketing can boost the economic growth and will also ^{open} doors to many innovative employment opportunities. Artificial intelligence can be the savior in conserving the environmental resources efficiently. It can also open new ventures for space exploration along with boosting governance structure and enhancing cyber-security and defence accuracy of countries. Thus, seeing the potential benefits of Artificial Intelligence, it can truly be labelled as the savior of human race. However, some people may argue against this notion because of its risks. Nevertheless, every benefit has its cost, yet correct measures can enhance Artificial intelligence's chances of being the savior of human race.

To begin with, Artificial intelligence (AI) has been around some decades in several theoretical forms and complicated,

systems; however, only recent advances in computational power and big data have enabled AI to achieve outstanding results in an ever-growing number of domains. AI can be defined as the ability of a computer to imitate the intelligence of human behavior while improving its own performance. AI is not only robotics, rather an intelligent behavior of an autonomous machine that describes the brain of the machine and not its body.

AI is a field that falls at the intersections of several other domains, including Machine Learning, Deep Learning, Natural languages processing, context awareness and Data security and privacy. Hence, AI is the revolutionary machine with human intelligence.

Artificial intelligence cannot be the savior of human race owing to its potential risks and threats.

Among its threats, lack of inherent values and understanding of human context considers the prime one. As AI is a tool, therefore, it lacks moral and ethics in deploying its functions. This lackness can claim huge humanity loss if human values are put aside in taking decisions. For instance, AI translating medical literature in Tanzania without knowing the Tanzanian cultural and health preferences and behavior, could pose great loss to human. Similarly, AI driven autonomous cars devoid of utilitarianism, deontology and virtue ethical concepts, can take life of people in reaching early at destination. Hence, AI lacking ethics can pose threat making it not a savior of human race.

Another concern that makes AI as not the savior of human race is amplification of social biases.

Artificial Intelligence has amplified the biasness in social sector because it functions on the historical data.

Its forecasting ability and decision making criteria is limited to the programmed data. Therefore, prejudice and biasness reflects in its action.

Biasness in predictive policing case study of the U.S is pertinent here. In 2021, USA introduced a system and employed it in various cities in predicting crimes and prevent them.

However, it was found out that the system is disproportionately targeting the minority. Hence, AI usage can further the social biasness instead of ^{being the} savior of human race.

Automation through AI driven technologies ^{and massive unemployment} has further reduced its potential of being claimed as the savior of human race. Job replacement has deteriorated the humanity crisis further. Poverty is hence their ultimate abode.

Automation of production line using AI in 2021 has reduced human employment rate to 70 percent.

70 percent production line automation has although increased the efficiency and decreased the cost but at the huge cost of human employment. Hence, AI cannot be the savior of human race, rather it is replacing the humans from production sector.

In addition to replacement of humans, AI's misinformation and manipulation has also made it as non-savior of human race. How can a savior manipulate and portray false information and harming its affecties? For instance, AI generated videos and manipulation of election campaigns and results has portrayed its huge potential of damaging the people trust and coordination. As today's world revolves around the information, how could manipulated figures can be

separated from the real data?

Such concerns were raised when Facebook came under the scrutiny for the issue of AI algorithms to accurately and recommend content.

Lack of transparency was the major public outcry in Facebook case.

Hence, manipulation and misinformation of personal or public data limits the chance of AI as being the savior of human race.

Furthering the fuel for AI

as not the savior, lack of global accessibility and equity highlights this evidence.

Developed and less-developed nations have variability in accessing tech-based benefits. Thus, it exacerbates the already established social, economic inequalities. For instance, the Precision Agriculture in Africa's case study highlights that while AI-empowered tools for precision agriculture hold promise for improving crop yields and farmer

income, limited access to technology and infrastructure in many African countries can hinder their implementation and hence the benefits. Thus, AI can only be beneficial for those who have the potential to purchase and implement it. Third-world countries will become more impoverished and hence AI cannot be the savior of human race as its benefit is limited.

Above all the concerns, the weaponization of technology through production of autonomous weapons has limited the claim of AI as the savior of human race. How can the savior of human race be the destruction tool as well? LAWS - Lethal Autonomous Weapon System has introduced the human's concern for their lives more. Who would decide to take the life of this and that person? The Machine! of machine.

is taking the decision of taking life of people without the human intervention, then obviously human is more prone to death. This concern hence, ^{has} reduced the claim further of AI being the savior of human race. On the other hand, people who consider these claims of AI as not being the savior of human race as fake and hence, refutable.

The first claim which people refer in justifying the AI as being savior of human race and negating the opposite views is "tech is just a tool". While it is true that AI being a machine lacks inherent values so decision taken through AI would be more prone to human devatation has some sound thought. However, humans who are manufacturing and producing those AI-powered machines are definitely have those ^{inherent} values. The same point is emphasized by Emily

in her article, "Tech is just a tool" writes, "Tech is a tool, Artificial Intelligence and genetic engineering are the technologies, How we choose to use these tools, the ethical choices we as human societies make along the way, will define us." Hence, inherent values in humans can plan the values produced by the AI-driven technologies. Therefore, to label AI for unethical concerns is not justifiable. Human's own values if implemented can enhance the chance of AI as the savior of human race.

Similarly, social biases are not the traits of machines, it is humans; therefore, the claim of AI amplifying the social biases is false in itself and cannot be justified in restricting AI's chance of being the savior of human race. Similar view point is expressed by

Shrinivasan Romani, the pioneer of the internet in India, ~~she~~ wrote, "The good or bad is not in technology; it is in us". Similarly, the misinformation and manipulation are through AI, but still it is human's interests behind it. Hence all such claims are irrational and cannot restrict the potential of AI as the savior of human race.

Moving on, job displacement and job generation are the simultaneous products of innovation and technology. For example, when industrialization began, massive unemployment was reported. However, with the passage of time, new opportunities and innovative fields open door to employment. That is what and how old things change and better and progressive things flourish. Hence, labelling AI as the responsible factor for unemployment and economic

hardship is not well-sound and hence, we cannot restrict the AI as becoming the savior of human race.

Similarly, differences in resource allocation between developed and underdeveloped can be reduced making AI as the savior of human race. AI has the huge potential of uplifting the economic backward nations through enhancing the productivity through softwares. For instance, Work Watch AI 2022 case study highlights the AI potential of uplifting the economic figures. In a Corporation, AI driven software was deployed to monitor the employees productivity and to ensure the employees workplace compliance. It has generated efficient products and massive growth. India's investment in technology and AI-software installation in corporate sector has boosts its

economy. Similarly, Pakistan is the 46th largest market for online business, if efficient AI technology usage is done, it can boost the declining Economy of Pakistan. Hence, AI can be the savior of underdeveloped nations in uplifting their crippling economies.

Weaponization is yet another claim which restricts AI potential of being the savior of human race. However, security through developing weapon is an old debate. Though, weaponization of AI in the form of LAWS (Lethal Autonomous Weapon system) is less destructive than that of the nuclear bombs. Hence, to label AI driven weapon as the sole reason for destruction is not a valid argument. Hence, weaponization of AI-driven machine cannot portray their stance of AI as the not the savior, rather its precision and accuracy may reduce

the collateral damage is it is happening in Gaza war through hypersonic missiles usage. AI Bletchley Declaration in UK signed by 28 countries highlights the global community efforts in mitigating this concern further and promoting AI usage for benefits. Therefore, AI through mitigating its concernable factors can highly project itself as the savior of human race.

The potential of tackling the global challenges can project AI as the savior of human race. Global warming and non-adherence to climate policy of carbon reduction has culminated the Earth at the risk of facing frequent natural disasters. AI can reduce this problem by developing AI advanced carbon capture and sequestration (CCS) technologies that capture carbon dioxide emissions from industrial processes and store them underground or convert them into valuable products. AI

Can also forecast renewable energy generation, manage fluctuations in supply and demand, and optimize energy storage and distribution to maximize the use of clean energy sources. Hence, it is believed that through AI being the savior of human race can save the earth from natural disasters.

Moreover, AI's potential of solving global challenges is not limited to climate alone, it can be the savior of human race in healthcare too. Healthbridge AI case study of 2023 is very pertinent here. Through this initiative AI tools were used to provide diagnostic services in remote areas where medical professionals do not reach or where their numbers are not adequate to fulfil the requirement of all the patients. Hence, AI has the potential to reduce healthcare problems.

In addition to tackling global challenges of climate change and healthcare, AI can be the savior of human race by enhancing human's capabilities of surviving and progress. In education sector, it has landmark contribution. For example, EduTech AI (2022) case-study highlights how AI-driven education has great learning outcome. Through EduTech initiative, a learning platform was launched through which personalized education of student was delivered. Along with this, Chat-gpt driven research has reduced searching time and hence, improved the learning process. Thus, it highlights that if AI is further utilized in education sector, it would enhance the learning productivity and may reduce the curriculum gap. All this portrays AI as the savior of human race.

Besides this, AI has empowered the disabled person projecting itself

as the savior of disability. Assistive technologies, communication aids, cognitive assistance and accessibility tools are the few AI-driven tools empowering the disabled ones. For example, AI-powered prosthetics, exoskeletons and robotic wheelchairs can enhance mobility and independence for individuals with physical limitations. AI-powered systems can also help personalized care and its automated captions, audio description can also improve accessibility of digital content and environment. Thus, it can be said that AI will convert the disabled into abled; showing the true manifestation of being the savior of disability.

Furthermore, AI can also enhance the human's responsiveness towards disaster management; hence projecting itself the savior of:

humanity. For instance, AI algorithms can analyze real-time data on needs and resources to optimize logistics and delivery of aid, ensuring efficient allocation of supplies and personnel. It can also assist search and rescue operation in hazardous environments, locating survivors and providing essential supplies. Hence, through above potential benefits of AI in saving human's lives, it can be said that AI can be the savior of human race during disasters as well.

Artificial Intelligence can also be the savior of human race in uplifting the economic growth and hence, improving the living standards of humans. Personalized marketing through AI driven softwares can enhance the economic boost through highlighting the individual's preference for products and services. The better

the selling and consumption pattern of buyers, the higher the return for the manufacturers and service deliverors and hence, ultimately boosting the revenue. Therefore, AI through its personalized marketing can improve the economic growth and projects itself as the savior of economy.

AI can also be the savior of loan seeker. through its initiative of microloans through AI powered credit scoring. It has developed AI driven platform that offers personalized financial advice and on the basis of which micro loans can be taken. Similarly, Lenddo in India uses AI to analyze borrower's digital footprints and enabling them to seek loans. Secure mobile wallets and payments can also enable users to secure and convenient digital transaction without relying

on traditional banking infrastructure. This service is efficiently deployed in Kenya in the title of M-Pesa.

M-Pesa uses AI-powered fraud detection and risk management to offer secure mobile money services in rural areas. Thus, through analysing the beneficial financial inclusion of ^{through} AI, AI has truly potential of becoming the savior of human race.

In addition to AI as economic empowerment savior of human race, AI is also portraying itself as the environmental conserving savior.

Data analysis and monitoring of ecosystem, predictive modeling of environmental trends and precision conservation are some of the mechanism reinforcing AI as the conserving tool of environment. For instance, AI can analyze vast amounts of environmental data from

from satellites, sensors and other sources, enabling it better understanding of ecosystem. Thus, it can be assumed safely that AI is a helpful tool in conserving ecosystem; AI as a savior of ecosystem.

Besides this, AI can also save the political ground from deteriorating into conflicts by boosting e-governance. Governance is the core principle of democracy; ensuring service delivery to its people, building trust among its subjects through the principles of accountability and transparency. E-governance has improved the governance, but Internet of thing and Artificial Intelligence backed and based model has expanded the efficiency of governance exponentially. Artificial Intelligence has connected the services institutions of government with the public need and requirement via portal and websites. Interconnected of system and on public and government end has

ensured the timely, effective deliverance of services without malfunctioning and ignoring or prioritizing inefficient supply. Thus, through efficient governance, the government has the potential of gaining public trust and enjoying long-term political stability and would ultimately enhance the economic growth. Therefore, AI can be projected as the savior of governance.

To conclude, Artificial intelligence with its immense potential for benefitting human race can be labelled as the savior of human race.

AI's potential of solving global challenges aid in supporting this claim.

Climate change solution through AI backed technologies, healthcare tailoring AI software and system, edutech in enhancing human capability; all portray AI as the savior of human race.

Empowerment of disabled persons, enhancing human's response towards climate, disasters

in saving humankind and uplifting of poverty ridden people through providing financial microloans, are also reaffirming the stance of AI is having the potential to be labelled as the savior of human race. However, few people considers owing to its potential risks and seemingly unmanageable risks that AI cannot be the savior of human race. Artificial intelligence-lacking the inherent values, amplifying the social biases and manipulating the information can provide evidence to their claim. However, all these claims are faulty as machines are just tools, it³ is humans interest that are harmful. Reaching to consensus on ethical usage of AI is all depend on human. more specifically^{to} their manufacturer. Thus, AI being to its huge potential "is" and "can" be the savior of human race.