

AI can be the saviour of human race

Outline

1. Introduction

Thesis Statement:

Although AI has revolutionized the field of science and technology, it cannot be relied upon to save the human race from contemporary challenges. Widespread misuse of AI and lack of effective regulations has made it potentially dangerous for mankind.

2. AI and the future of human race

3. AI can resolve the challenges of 21st century

- a. making universal education easy and accessible
- b. Advancements in the field of healthcare
- c. AI powered automation in industry and finance
- d. taking digital connectivity to new heights

4. AI can be the potential destroyer of man's future

- a. AI in weapons: creating slaughter bots

DATE: ___/___/___

- b. generation of false data: real and reel are getting inseparable.
- c. Jobs takeover: more poverty and unemployment.
- d. Breach of privacy and identity theft.
- e. Social disconnection and radicalism in society due to AI.
- f. Biggest threat: AI surpassing man's intelligence.
- g. A further drift in developed and developing world.
- h. Carbon footprint of AI: worsening climate change.

5. If not AI, what can save human race?

6. Conclusion

Can artificial intelligence solve the problems created by natural stupidity? The answer is no. Although AI has revolutionized the world of science and technology, it cannot be relied upon to save the human race from contemporary challenges of the 21st century. In fact, the widespread misuse of AI and the lack of effective regulations has made it potentially dangerous for mankind. Since the industrial revolution, technology has become an integral part of man's life. It has made man's life easier and comfortable. In the second half of 20th century, Artificial intelligence was created. It has come a long way since then. Today, AI promises a better future for mankind. It is making education easy and accessible. It has pledged to advance healthcare to cure everything that ails man. With the help of AI powered automation, industry and businesses can make huge profits. Moreover, this technology has also taken digital connectivity to new heights which is the essential requirement of this era. However, this technology cannot be trusted to secure a bright future for man. AI has the potential to destroy the future of this world. It is

being used in weapons to create slaughter bots. A wealth of false data has been generated using AI. It is taking over people's jobs which will further aggravate poverty. AI's use in cyber crimes is especially concerning. Also, AI's ultimate goal is to surpass human intelligence that itself is the biggest threat to the supremacy of man in the world. With the technology being concentrated in a few rich countries, poor countries are getting more deprived of financial opportunities. Above all, the carbon footprint of AI is directly contributing to climate changes which is the greatest threat to man's existence. In the light of these facts, it can be said that AI cannot be the saviour of human race.

In the 21st century, human race is facing serious threats: climate change, wars, terrorism, food insecurity, water scarcity, extremism and poverty. The future of the world is uncertain. In these grim conditions, some people are arguing that artificial intelligence can resolve these issues and give man a safe future. However, it is a miscalculated prediction based on lack of knowledge. Alan Turing coined the term AI in the

1950's. There are four main types of AI: Learned memory, reactive machines, theory of mind and self-awareness. The ultimate goal of AI is to reach self-awareness. This is the stage where AI can think like humans and perform better than humans. However, this is no more than a wish list right now. Moreover, even though AI hasn't achieved full potential, the destruction that it is causing is making scientists wary of its effects in the future.

It is true that AI has not achieved the potential that it promised in the beginning. But, it has made significant changes in the field of STEM [science, technology, engineering and mathematics]. According to a research by Impact Research, 20-30% students in USA now use AI in their studies. The situation is not any different in other parts of the world. AI algorithms gather a lot of data to make a recognizable pattern. This data is segregated and analysed afterwards. Information about any subject is directly available to the enduser sitting in the comfort of his home.

Along with education, AI is also upgrading medicine and surgery.

The availability and quality of healthcare will be improved through artificial intelligence. Recently, the company IBM introduced "IBM Watson" which is an AI doctor. It can take history, diagnose and provide treatment regimen to patients. Moreover, AI is also being incorporated in automated surgeries with the help of which robots can learn and improve their surgical skills overtime. Radiologists are using AI to make to interpret and analyze radiological scans. Healthcare is one of the biggest problem of the developed as well as the developing world. AI has shown that it can effectively resolve this issue.

While education and health contribute to human development, it is the industry and business markets that provide revenue for social services. In industry, AI-based automated robots are replacing the middle workers. They are responsible for carrying out repetitive monotonous tasks like collection, assembling and packaging. In the business sector, AI has become the best salesman. Almost all businesses are using digital marketing where chatbots are providing customers all essential information about products. According to

DATE: / /

Harvard Business Review, 50% of industries are now using AI in their services. It is not certain whether AI will replace humans or AI but those men who use AI will definitely replace those who don't.

Moreover, artificial intelligence is advancing digital connectivity. Chat GPT reached one million users many times faster than Facebook or Twitter. AI can create clones of people that can communicate with people. In December 2023, an ex-prime minister of Pakistan used AI clone to deliver his speech to his followers while he was in jail. Russian president Vladimir Putin met with his AI clone in front of thousands of people online. Information technology improved connectivity but AI has brought a revolution in it. In future, AI promises to enhance this further and bridge all the gaps in social connections.

Despite all of its promises, AI is causing more harm than good to human beings. One such harm is the use of AI in military weapons. L.A.W.S is an AI powered weapon system which is being used in US' Patriot missile system. These weapons have no

conscience or remorse. They directly identify the target and neutralize it immediately. There are many wars going on in the world right now. From Palestine to Ukraine and Rohingya to Sudan, people are living in miserable conditions in areas of conflict. These irresponsible slaughterbots can cause unimaginable damage in deployed in war zones.

Not just the conventional wars, AI is being extensively used in fifth generation warfare as well. AI is used to create fake data. However, the biggest problem is that this fake data has an uncanny resemblance with real data and real images.

Psychologically, this has created the concept of tainted truth in people's minds. Social media is the biggest platform for seeking information these days.

But, with the misuse of AI for creating fake data, social media is losing its credibility. This spread of misinformation leads to further polarization and radicalism in society.

Along with this, AI is also creating joblessness. According to World Economic Forum,

87 Million people will be unemployed by 2026 due to AI. AI is not replacing business owners, rather it is replacing middle workers. This surge in unemployment will further aggravate poverty. Already, 40% of the world's population is living in poverty, a mass unemployment would be catastrophic. Moreover, AI's economic benefits are concentrated in rich countries. US, China and Japan are the leading AI users. This will further cause a drift in between developed and developing countries.

Not only unemployment, AI is also responsible for identity theft and breach of privacy. In the year 2023, Google location finder used AI in its program. Google was fined millions of Euros by the EU for breach of privacy. AI is being used in surveillance systems as well. Unlike ordinary technology, AI can identify, learn and reincorporate data once it has been fed to the corresponding algorithm. As AI can create almost real looking pictures, it is also being implicated in cases of identity theft. A new wave

of cybercrimes have erupted in the entire world due to AI.

Artificial Intelligence biggest threat is not cyberwarfare or automated weapons, it's the fear that AI will surpass human intelligence. Nick Bostrom wrote in his book "Superintelligence" that humans enjoy a special position in the kingdom due to their intelligence. Once AI surpasses this, men will lose their superiority and supremacy over other species. It was speculated by other scientists as well that once machine thinking method has started, it would not take long to outstrip the feeble powers of man. An imminent clash is coming between man & the machines that he created and the winner will take all. Superpowers are investing billions of dollars in the holy goal of achieving human-level intelligence without giving an afterthought to the devastating impacts that this will have.

If there is one thing that can surely end man's existence on this planet, it's climate change. 2023 was the hottest year in the history of the world. With the current practices, UN has warned that

global warming may cross that 1.5°C threshold long before the estimated time.

Artificial intelligence works on various algorithms that are created with programming softwares. Each byte of data adds carbon in the atmosphere. Thousands of tons of CO₂ are released by the processors which are required for data storage and backup. AI has made climate sensors but the irony is that AI itself is contributing to climate change.

Whether AI has more pros or cons, it cannot be considered the saviour of human race. The problems that man is facing were created by himself. He is responsible for climate change, radicalism, poverty, water scarcity and food insecurity. These issues cannot be solved by a technology that gathers, analysis and interprets data to mimic man's actions. The need of the hour is a universal dialogue for the solution of these problems. Meaningful education is required that promotes tolerance, equality, justice and freedom. Education without values makes one a clever criminal. Men are supreme not just because of intelligence but also because of compassion, kindness

DATE: ___/___/___

and rationality. Only by practicing these moral values, a bright future can be secured by human race.

In a nutshell, the significance of artificial intelligence in life cannot be denied. Benjamin Essex said: "It is not what you have but what you do with what you have."

AI has many benefits and its harms outweigh those benefits. Moreover, there is no legislation which is universally framed for the use of AI. Lack of regulation and legislation on AI has further diminished the chances of AI for being the saviour of human race.

Antonio Guterres said in the United Nations General Assembly that AI presents a significant threat to global peace and security. It is time to regulate AI and consider other viable options for securing the future of next generation.