

AI has overstepped its bounds

1. Introduction:

Thesis statement:

AI is working efficiently to mimic human level intelligence and human intelligence has no bounds. The objective of this technology was to assist man and increase his productivity. Instead of this, AI has overtaken man's role which is evident by its vastly unregulated and decentralised use today.

2. What are the limits of AI?

3. AI has overstepped its bounds. (Thesis)

- Use of AI for the creation of destructive weapons.
- Compromise of civil liberties and violation of privacy.
- Neglect of critical thinking and skill enhancement as AI replaces books.
- Loss of human interaction in the society: chatbots etc.
- AI is taking over human jobs.

4. AI is working within its limits (Anti-thesis)

- Use of AI is well regulated and safe.
- AI ensures civil liberty and privacy of data.
- Providing a new approach to learning.
- Introducing innovative social interaction.
- AI is creating job opportunities.

5. AI has failed to work within prescribed domain (Synthesis)

- a. AI regulations are ineffective and outdated
- b. AI is involved in data theft and breach of privacy
- c. Learning via AI endangers human abilities
- d. Disintegration of social structure.
- e. Despite bold claims, AI hasn't been able to secure jobs.

Conclusion.

In Goethe's poem "The Sorcerer's Apprentice", the sorcerer leaves his apprentice alone at his shop. One day, he comes back and sees that the apprentice has unleashed powers which threaten to damage the entire shop that he built from scratch. However, the magician soon takes control of the apprentice and saves the shop. Like the sorcerer's apprentice, the artificial intelligence built by man has unleashed threatening powers. Even the brightest minds of the world today are worried about the future of the world in the presence of artificial intelligence. AI is working efficiently to mimic human level intelligence and human intelligence has no bounds. The objective of this technology was to assist man and increase his productivity. Instead of this, AI has taken over man's role which is evident by its vastly unregulated and decentralised use today. Thus, it's not wrong to say that AI has overstepped its bounds. AI is being used for the creation of harmful and destructive weapons. The involvement of AI in creation of fake data and identity theft is also not hidden from anybody. AI is also replacing humans with chatbots, thus endangering social structure. One of the biggest concerns of the world is unemployment which occurs as AI takes over human jobs.

All these concerns are based on the fear of not knowing. There is lack of knowledge regarding AI and its use. Till now, there are no reports of use of automated weapons in any part of the world. Moreover, the tech community is ensuring the safety of data through strict cybersecurity protocols. Despite all such claims, it remains a reality that AI is being abused. It has failed to restrict itself to the prescribed limits. It endangers human abilities. Not only abilities, it has become a threat for safety, security and economy of the world.

The question that comes to mind is what are the actual limits of AI? In 1956, when Alan Turing coined this term in his paper "computer learning", there was not much know about the scope of AI. It was hoped that one day computers will be able to think like a man. However, this thinking shall be used for man's own benefit. In the quest of attaining human level intelligence, AI is becoming limitless. One argument is that human intelligence has no bounds. This is why Einstein said that if a man can dream it, he can achieve it. This is because man has the ability to imagine, plan, model and evaluate. When emotionless robots acquire the same level of abilities, then things can go very wrong. Everything that benefits society as a whole is within the scope of AI.

However, problems arise when few masterminds take control of AI systems and use it to pursue their capitalist gains. It benefits a few people and threatens billions of souls across the world.

One such threat is the creation of harmful weapons. L.A.M.S is an AI backed weapon system present in the US "patriot missiles". When one country creates such weapons, it disturbs the balance of power and the neighboring states are forced to adopt the same technology. Soon, the whole world will start making these slaughter bots. Kai Fu Lee says that US and China are investing billions of dollars in automated weapons research. This potentially endangers the safety of the entire world. [AI superpowers, Kai Lee, 2018]. Artificial Intelligence was meant to assist man, not to destroy it. These slaughter bots have no conscience. They identify and neutralize the targets themselves. AI has crossed a very dangerous line here.

Another line AI crossed is that of human privacy and liberty. AI algorithms use extensive data from various resources. The Atlantic reported in Sep, 2023 that 1,83,000 books were illegally pirated and copied from the internet. These books were fed to chat bots. Various authors across the world raised serious concerns

regarding plagiarism. Not only this, AI has also been used for the creation of false data. With the help of "Deep Fake" tool, thousands of false images are being generated daily. It has become very difficult to separate real from fake. This endangers civil liberties and constitutes for a serious violation of privacy. AI was definitely not created for this purpose.

Talking about purpose, what is the main purpose of man on Earth? Many philosophers believe that man's purpose on earth is to gain knowledge and spread it to others. Along with many other things in life, AI is also destroying man's ability to learn. According to a research, 22% of students now use chatbots for learning purposes [Impact Research, Use of AI in Students, 2022]. Man's dominance in this universe is because of his thinking abilities. AI is taking critical thinking away from students. They are using chatbots for their exams and thesis. There is no need for robots to actively kill and destroy mankind if it can passively render man useless.

Man is a social animal. Thomas Hobbes think of it as an animal while John Locke is skewed more towards the social side. Whatsoever, man forms societies and interacts with other man. A few years ago, the first human looking robot "Sofia" was made.

Sofia could talk with everyone and even expressed emotions to some degree. Some years later, they made "Sirri" and "Alicia". Now, Sam Altman and the rest of his "Open AI" crew has made Chat-GPT. One can talk hours and hours with these chatbots. The man of contemporary society is already very isolated. This brings him to the point of pathological isolation where he seeks to talk to an algorithm. Tragic!

The worst of the tragedy is hunger. While 2% of the world occupy 95% resources, AI has further widened the gap. According to World Economic Forum, 85 million jobs will be replaced by 2025. These are not 85 million people, but 85 million families. This will impact the vulnerable global south far more than the global north. AI was meant to replace repetitive, mundane work, not to take away all kinds of work.

Amer Berg writes in Harvard business review that 50% of companies have already adopted AI based system in their network. [Amer Berg, The Future of Jobs, HBR, 2023]

These numbers are alarming. Artificial Intelligence has long overstepped its bounds.

But has it? What did you mean when you said you were going

mimic human intelligence? This is what it looks like. Like any other technology ever invented, it has its flaws. There are 4 stages of artificial intelligence. In the last stage, AI systems achieve human mind potential. But, this is still a theory. Current AI programs can only interpret and decide on the basis of data which has already been fed into the system. In 2022, European Union passed a bill regarding the safe use of AI. On the basis of this bill, Google was fined 50 million dollars for the violation of privacy using AI algorithms. Similarly US congress has also passed a 'SAFE' act. World leaders are trying to regulate AI to maximize its benefits to mankind. In this way, it is being kept under control.

Artificial Intelligence has been in use since the 1960s. The world has seen many wars and conflicts since then. From Uranium shells to Phosphorus bombs, a variety of lethal weapons have been used. But no country has dared to use AI weapons. Just like nuclear weapons, AI weapons have added another layer of deterrence in the defense system. The world realizes the potential of these weapons. It should also be understood that it is not the presence of weapons that make the world unsafe but their use. Cain killed Abel when there was not even an arrow present.

It's not the presence of automated weapons but their use which determines the limit. Like any other technology, AI should also be used where it provides benefits. It is within the very scope and domain of AI.

Another domain of AI is the provision and application of knowledge. AI can read and write with a very fast speed. This was the first and foremost objective of artificial intelligence. Those who say otherwise are simply ignorant. This will not threaten the critical thinking or skill enhancement. Most of the education systems in the world, especially in the developing world are based on rote memorisation. The correct use of AI will decrease this excessive burden on students where they have to remember unnecessary details about every subject. Instead, they can focus on the things that are actually creative and innovative; things that are not fed to robots. This will create a whole new dimension of learning.

Another new dimension in life is social dimension. From villages to cities, from houses to flats, man's living has changed in various different ways. There is a famous American classic released many years ago by the name "Her". It sheds

light on the relationship between man and robots in the future. Artificial Intelligence has provided a new and innovative way of social interaction. In a world full of busy people, there are applications one can communicate with. Facebook took 10 years to reach one million users. It took ChatGPT 5 days to reach the same number of users. This reflects the needs of the present. Modern problems call for modern solutions and AI has provided them. This explains that AI is working well within the bounds of the system.

Another thing which has created a lot of concern in the world is jobs. The very report of World Economic Forum that suggests that by 2025, 85 million jobs will be lost to AI also says that 97 million new jobs will be created by 2025 due to AI. It's not that AI is stealing jobs, it's just shifting the nature of jobs. Just like the Industrial Revolution in 1750, the farming jobs were lost but new industrial jobs were created. AI has also explored a new era of jobs. This is the revolution of artificial intelligence. It is in no way out of bounds of AI.

Despite all these claims and predictions, the situation on ground reflects otherwise. The issue of security, especially cybersecurity and use

of AI for weapon creation remains a serious concern for the world. In July 2023, the first UN session regarding the regulation of AI was convened. UN security general Antonio Guterres said that the unregulated use of AI in military and non-military services poses serious dangers to the world. It was agreed that a regulatory body like IPCC or IAEA should be made for AI as well. The threat posed by AI is thought to be comparable to that of climate change and nuclear weapons. This proves that AI has not remained within its limits.

Another concerning feature is that of privacy and identity theft. Civil liberties are at risk due to the abuse of AI. In the recent conflict between Palestine and Israel, hundreds of images created by deep fakes circulated on social media. Pictures of charred burnt babies were uploaded on Twitter to back the claim that Hamas beheaded and then burnt 40 innocent babies. It was later confirmed that those images were fake. Even White House had to issue the statement that President Biden hadn't actually seen the photos. Based on fake AI generated data, a lethal propaganda was started. Palestinians paid for this agenda with their blood and sweat.

It's not only blood and sweat that differentiates man from robots, it's the presence of critical thinking. Man's developed frontal cortex gave him a superior position in the universe. Nick Bostrom says in his book that the future of species of gorillas is in man's hand more than gorillas themselves. This is because man has dominance over the world. If AI becomes as capable as men, then the future of mankind will be in the hands of this superintelligent system.

[Superintelligence: paths, dangers and strategies, 2014, Nick Bostrom]. Darwin's study concludes that whatever is used more, it remains and passes on to the next generation. AI is slowly and steadily taking this power away. It needs to be stopped before it's too late.

Another thing that needs to be stopped is the excessive use of chatbots. In the world of hatred, extremism and violence, purposeful and meaningful social interaction is necessary. Technology has benefitted the individual but not the society as a whole. AI chatbots are yet another example of this one-sided benefit. A person can talk hours and hours with a bot which doesn't possess the ability of argumentation. It simply answers a question. This is narrowing man's concept of tolerance and diversity. Fredrick Hegel was of the idea that

The progression of man is through the clash of ideas. It is the thesis, anti-thesis and synthesis of ideologies that has led to evolution of mind. The concept of chatbots is against nature and way out of bounds of AI.

The most primitive part of human nature is "hunger". It drove man out of the cave and into the real world. The majority of the world's population belongs to middle and lower class. They are workers and their jobs are the only source of their earnings. Artificial Intelligence continues to replace workers with robots. Sam Altman, the CEO of Open-AI said before the US congress that a lot of big companies are using AI based systems in their operations. What's worrisome is that they don't have much knowledge of it. It's like making an engine without knowing the science of combustion. Elon Musk and Stephen Hawking wrote letters to the US govt in 2015 to control the unregulated use of AI. It is without a doubt that AI has overstepped its bounds.

In a nutshell, it can be said that artificial intelligence has surpassed its limits. The world is rightly worried about its hazardous effects. It should not be forgotten that

AI is a man-made thing. It is controlled by men. The tragedy is that in this war, it is few foolish and selfish men against many. Those who hold the reins of artificial intelligence are abusing it for their short-term profit without realizing that they are digging their own graves. From economy to security and from security to politics, AI is being blindly incorporated into every system. Steve Jobs rightly said: "Before we work on artificial intelligence, we should do something about natural stupidity."

