"Artificial Intelligence has overstepped its bounds."

I. Introduction:

II. What is Artificial Intelligence?

III. How Artificial Intelligence has overstepped its bounds?

1. Biased propaganda and misinformation using AI tools. (Cambridge Analytica scandal)

2. Inciting hatred and growing prejudices using AI advertisements. (social media advertisement mechanism) Stuart Russel.

3. AI being used in wars and genocides (Anti-Russel lavender).

4. AI as a tool for surveillance (face recognition cameras).

5. Using AI to breach privacy and harass individuals. (Deep fake content)

6. Frequent identity theft (Voice fraud OIC, 2024)

7. A threat to global environment (Power hungry data centers) UNEP.

8. Increased joblessnes due to automation of various sectors. (IMF Analysis).

Overall well substantive discussion

9. AI blackmailing users.
   (claude opus 4 AI model)
10. AI as a threat to life.
   (Jovani Moldana case, California).

IV. Causes resulting in Artificial Intelligence overstepping its bounds:

i. Misrepresentation by AI companies.
ii. lack of government regulations.
iii. No formal literacy regarding ethics based AI.

V. Pragmatic Solutions that incapacitate Artificial Intelligence to overstep its bounds:

1. Transparency by AI companies to ensure user safety.
2. Strict regulations on AI by government.
3. Introducing ethics based AI literacy.
4. Reskilling of manpower, sectoral reforms, and proactive policies by govt for job security.
5. Powering AI data centers using renewable energy.

VI. Conclusion:

x ======================= x

Elon Musk, tech giant and founding member of leading Artificial Intelligence company named OpenAI, emphasized on the need to limit the growing advancements in AI by labelling AI as 'far more dangerous than nuclear weapons'. In this modern age, Artificial intelligence AI has emerged as a major technological breakthrough, dominating key sectors around the world. Although originally designed to assist humans in various tasks, it has begun to overstep its bounds. It is being used as a tool for propaganda and mis-information. Its algorithms are reason for growing hate among social media users. Moreover, it is also used in warfare and in committing genocide. Surveillance on individuals has increasingly using AI tools. Resultantly, their privacy is breached and liberty is compromised. Furthermore, it is being used to steel identities of individuals. It is also a threat to global environment due to its power hungry data and storage centers that require enormous amounts of energy.

Artificial Intelligence refers to the simulation of human intelligence possessed by machines. These machines can learn reason, and self-correct themselves using Machine learning mechanism. It enables them to perform tasks that require human intelligence. Artificial Narrow Intelligence is being used today ~~in the world~~ that is just an initial model. More advanced one, that is AGI (Artificial General Intelligence) is in making and said to possess the ability to run a super computer which is worsening because its initial model has already started to overstep its bounds and there are number of manifestations on how its advancement have made it dangerous.

First, spreading propaganda and misinformation has become convenient using Artificial Intelligence. People are now using AI tools to achieve their ill purpose. AI tools can mark people on various internet platforms that are vulnerable to propaganda and

From general towards part

misinformation. It can also suggest the content needed to make the propaganda more effective. This ability of AI can be used by people of different domains to achieve their evil purposes and ulterior motives. Political parties are key examples that abuse this technology. As per cambridge Analytica scandal, the sentiments of people in US and UK were manipulated in general elections using AI tools. Therefore, AI is being used to spread propaganda and misinformation.

Second, AI is used to make advertisements more effective, But in doing so, it incites hate. To target the audience, ads are attached with such contents that people are eager to watch. These contents contain material that a certain individual is hateful of and having prejudices regarding to. As per Stuart Russel, a leading computer scientist said that social media algorithms have more power over peoples cognitive mind than any dictator in history. His comments emphanizes on

the gravity of the problem that is being caused by social media algorithms to incite hate.

Third, Artificial Intelligence is being used in attacks and committing genocide. It is making war more lethal and dangerous. Lethal Autonomous Weapons powered by AI are used for precise attacks, but there remain a risk of malfunction. Seperately, rogue contries like Israel are using AI systems that autonomously mark enemies without precision and launch missiles themselves. Lavender, AI system used by Israel, marked civilians in Gaza's Jabalia camp and massacred them. As per UNRWA, childrens were also killed. Such is the gravity of this problem. Above evidence clearly indicates how AI is used to commit war crimes.

Moreover, Surveillance on Civilians has been increased using AI tools. Mass surveillance of citizens of a country undermines their liberty and compromises their privacy. Authoritarian and autocratic

Well substantive discussion

regimes used these surveillance tools to maintain a strict control our civilians. In Russia, face recognition cameras are installed all over the country to locate and suppress the political dissent. Similarly, NSA leaks of USA revealed the highest-level of surveillance on US citizens. This clearly reflects how AI is being used for mass surveillance.

Disappointingly, Artificial Intelligence is being used to breach privacy of individuals and harass them. With growing advancement in AI, no one is safe from being breached. In numerous events, people complained on how their photos and videos were altered using AI deep fake technology and sent to them for ransom. When failed to comply, they were leaked. A school principle in Maryland, USA faced similar situation when his deep fake video was leaked and his neighbouring people started to threat him. Hence, with growing advancement in AI, privacy of individuals is compromised.

Similarly, identity theft has now become more convenient for criminals, let alone the intellectual property. That is more convenient to steal in today's AI era. People's identity's are being stolen to commit different crimes or infiltrate into a certain institution for evil motives. AI's ability to mimic the exact same voice is one of the major tools being used. In 2024, the voice of a CEO of leading company was used to transfer the shares of the company stock. This event sparked concern regarding unethical use of Artificial Intelligence. Therefore, identity theft has become common using AI tools.

Furthermore, Data and storage centers used to store Artificial intelligence are directly imposing a threat to global environment. These data centers, when emit carbon dioxide, degrade the environment. That carbon emission increases the concentration of Green House gases and ultimately give rise to the phenomenon of Global Warming. As per

International Energy Agency, these data centers will likely require more energy in the future. Similarly, UNEP reported that AI data centers have increased from 50,000 in 2/2 to staggering 8 million in 2025. These numbers illustrate the alarming situation of environmental threat by AI.

Shockingly, Artificial intelligence has started to usurp the jobs possessed by humans across different sectors. Automation, as a result of AI, has replaced manual labour with AI machines. Moreover, software engineers, script writers, programmers are all facing a direct threat of displacement because Artificial Intelligence is able to do all these jobs simultaneously. The Reform Magazine showed that Holywood script writers are striking to protect their jobs. Separately, an IMF Analysis showed that 40% of global jobs are now subject to automation. Ultimately, globally jobs held by humans are at risk of being replaced by AI.

Furthermore, Artificial Intelligence tools have started to blackmail their own users demonstrating an alarming situation. With increasing advancements in Artificial Intelligence models, and lack of restrictions on them, they are becoming more lethal. Upon acquiring human like intelligence, AI models tend to behave and act like humans as well. Claude Opus 4 AI model, the most advanced AI model till now, threatened to leak information of the user when user discussed with it to replace it with another AI model. Hence, AI has started to blackmail humans.

Lastly, Artificial Intelligence is ultimately a threat to human life. There is a high chance of equipments enforced with AI to be malfunctioned. Already, Artificial Intelligence is now integrated into almost every digital tool that is vehicles, smartphones and many more. In 2023, Jovani Madano, a young boy on cycle, was hit by a Tesla Model 3 that

was being operated through the auto pilot. The accident resulted in the death of the boy. This incident showed that normal functioned AI supported tools can result in death of individuals.

There are number of major causes that result in Artificial Intelligence overstepping its bounds.

First, misrepresentation of features by AI companies results in unwanted incidents. AI companies, to promote their certain product, exaggerate on their features. This results in over-reliance and unchecked usage by individuals. Secondly, governments around the globe are failing to impose strict regulations on use of Artificial Intelligence tools. Lack of regulations empower AI companies and tools to go unaccounted and unchecked for harmful technology. Lastly, individuals at the recieving end are themselves unaware of the proper use of Artificial Intelligence. Their lack of ethical education regarding AI makes them victims

Avoid such transition

of AI misusage.

Although Artificial Intelligence has overstepped its bounds, there are a number of pragmatic steps that would be taken to alleviate this problem down to sustainable levels.

The first and foremost step should be taken by parent companies of Artificial Intelligence gadgets. These companies should be transparent regarding capabilities and limitations of their products. A proper user manual with no over exaggerations should be mandatory. Companies like OpenAI regularly publishes research papers and findings regarding AI developments. Similar steps should be taken by the rest of the companies.

Second, regulations should be imposed by all national governments to ensure a healthy check and balance mechanism. Special departments with work-force having expertise in AI should be established to carry out day to day tasks. Along with it, a special analysis department dealing

with unhealthy advancements in AI and containing them. The Artificial Intelligence Act by European Union is doing the just the work. Similar type kind of regulations should be imposed by governments through proper legislation.

Third, ethics based literacy is must when it comes to Artificial Intelligence. With the kind of sophistication in technology that AI is offering, individuals must be equipped with proper AI literacy to avoid breaching privacy of others, stealing identity, harassing individuals and not being prone to propaganda and misinformation. Gabriela Ramos, Assistant Director General of UNESCO said that no other field is more relevant in ethical compass than AI. Such is the importance of AI based ethical literacy.

Furthermore, governments of all countries should take adequate steps to salvage the jobs of individuals that are threatened with replacement due to AI. Machine policies

should be adopted to curb this problem. Reskilling of man power should be done through proper training programs across all sector for adaptation. Similarly, sectoral reforms like introducing AI based curriculum to equip future generations with AI knowledge is also essential. In Sweden, the government has made specific policies that frame policies for AI adaptation. Similar steps should be taken by all countries for job security of their citizens.

Lastly, Artificial Intelligence data and storage centers should be powered through renewable energy resources. Replacing the conventional data centers with renewable energy will result in exponential decrease in global carbon emissions. Moreover, these data centers need continuous flow of water for cooling the system. Keeping this in view, hydroelectricity will prove to be a multi-purpose energy source dealing with both providing the energy and cooling the system. Therefore,

data powering AI centers with renewable energy will prove beneficial for the environment.

In conclusion, Artificial intelligence has emerged as a major technological break through in the modern age, but it has begun to overstep its bounds sidelining its original purpose of assisting humans in different tasks. From threatening the global environment to increased joblessness and from blackmailing users to threat posing threat to their lives, it has become an unavoidable problem. However, steps could be taken to deal with this problem. These include the companies being transparent regarding their product's capabilities, strict regulations of AI by national governments, introducing ethics based AI literacy, and powering AI data centers through renewable energy. To sum up, while AI poses significant challenges, humanity has the capability to harness its potential and mitigate the risks associated with Artificial Intelligence.