Essay : AI has overstepped its bounds
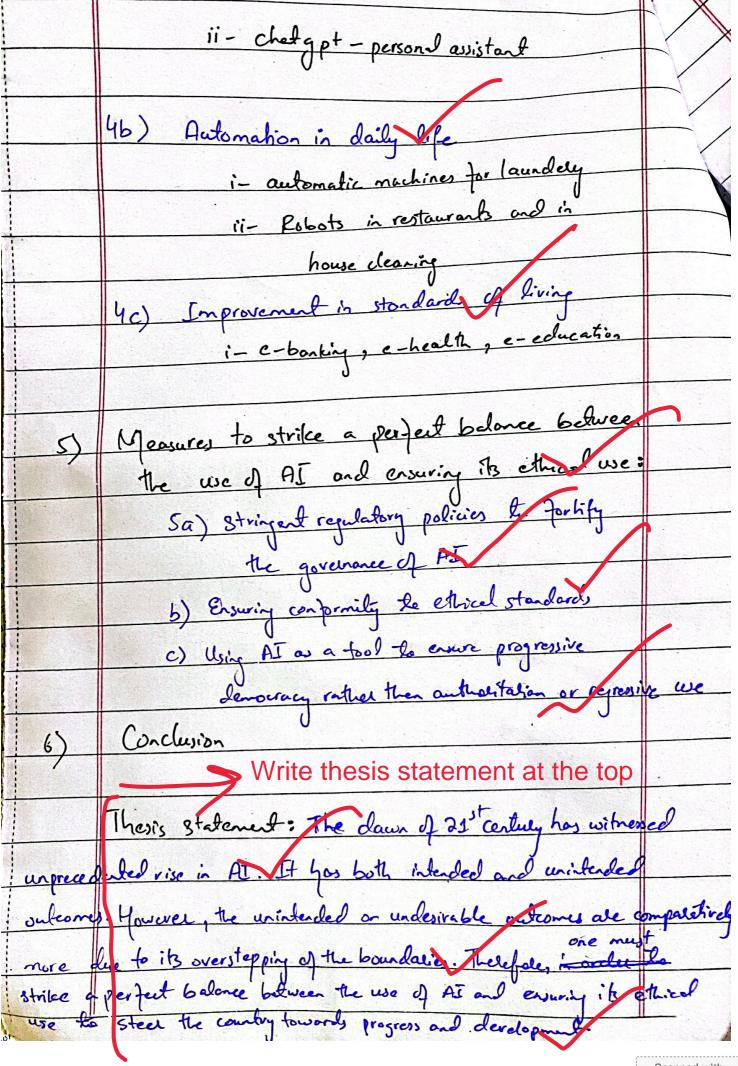
Outline:-

1) Introduction ✓

2) AI has become a necessary evil of 21st century ✓

3) How AI has overstepped its bounds: ✓

   3a) States have incorporated AI to control rather than governing the citizens
   i - social security credit of china

   3b) Authoritarian regimes have incorporated AI for the infallible decision making ✓
   i - using AI for cost-benefit analysis
   ii - Unlike previous stalin like leaders, who did fallible decision-making, which resulted in economic depression.

3c) AI is used by populist leaders the malign state institutions and opposition
   i- Trump propaganda on 2020 presidential elections

3d) It is increasingly used as a surveillance tool

Repetition of idea

   i- Great firewall of china

3e) It is compromising personal privacy of citizens
   i- George Orwall "1984" ⟶ Big Brother

3f) AI has taken over the human jobs
   i- 'useless class' in 21 lessons by the 21st century by Harrari

3e) Compromised critical thinking, rationality and mindfulness in humans.
   i- 'Amusing to Death' book by Neil Postman

3g) Excess of AI generated information creates an endless loop of confusion and superficiality in knowledge
     i- 'Technopoly' book by Neil Postman

3h) AI has altered the course of conventional wars to 5th generational or technological warfare
     i- Hezbollah-Israel → pagers explosion incident

3i) It has also changed the course of development by dividing the world into AI advanced and AI-backward countries
     i- concept of silicon curtain by Hallari in 'Nexus'

4) AI has also considerably revolutionized the world by advancing some promises like:
Accessing
4s) Information has become an easy task
     i- Algorithms based courses like coursera
     ii- ~~Chatgpt~~ personal assistant

ii - chatgpt - personal assistant

4b) Automation in daily life
   i - automatic machines for laundery
   ii - Robots in restaurants and in house cleaning
4c) Improvement in standards of living
   i - e-banking, e-health, e-education

5) Measures to strike a perfect balance between the use of AI and ensuring its ethical use:
   5a) Stringent regulatory policies to fortify the governance of AI
   b) Ensuring conformity to ethical standards
   c) Using AI as a tool to ensure progressive democracy rather than authoritarian or regressive use

6) Conclusion

Write thesis statement at the top

Thesis statement: The dawn of 21st century has witnessed unprecedented rise in AI. It has both intended and unintended outcomes. However, the unintended or undesirable outcomes are comparatively more due to its overstepping of the boundaries. Therefore, in order to one must strike a perfect balance between the use of AI and ensuring its ethical use to steer the country towards progress and development.

'Why technology favors tyranny', a well articulated article by Yuval Noah Hallali, emphasize the revenge effects or unintended outcomes of the technology. It is rightly said that technology like AI is neither good nor bad. However, the use can be attributed with usefulness goodness or evilness. Undoubtedly, AI has become a necessary evil of life, which means that it is unavoidably useful and at the same destructful for the society. The discourse revolving around the overstepping of the boundaries by the AI is gaining considerable attention in the mainstream media. The manifestations of which are large in number. If a person talks about how AI has overstepped its bounds, it is widely observed that AI has the features that are exploited by the authoritarian regimes for governing less and controlling more the masses. Similarly, its use by populist leaders to malign opposition and state institutions are widely observed. Likewise, AI has compromised personal privacy, taken over the human jobs and diminished the critical thinking and mindfulness in

human beings. In a same manner, AI has altered the course of conventional wars to 5th generational or technological warfare. It has also divided the world by creating a silicon curtain, dividing into AI advanced and AI backward countries. These manifestations are the evidence of AI overstepping its bounds. However, on the contrary, AI has also considerably revolutionized the society and world by promising uninterrupted access the diverse range of information, automation in daily life and improvements in standard of living. Therefore, in order to ensure and create a balance between AI and its use, one must ensure conformation the ethical standards and regulation of AI to advance its positives largely. In this way, a country can be steered towards progress and development through the balanced use of AI.

Before embarking on highlighting the manifestations of AI overstepping its bounds today,

it is necessary to shed some light on the overview of the advancement of AI in the 21st century.

The 21st century has marked the rapid proliferation of technology, specifically AI. It has nevertheless became the necessary evil of one's life. From checking locations, finding near-by tasty restaurants to shopping and paying bills online, one can witness the integration of AI-algorithms in all the mobile apps. This integration have both advantages and disadvantages. AI can perform multiple complex calculations in less than a second but the increasing invasions and enchroachment by the hands of advertising companies and government pose a significant threat to the privacy of an individual. Thus, the breech in personal privacy, security and freedom of an individual can be rightly pinned on AI.

By keeping in view the above perils associated with the use of AI, the manifestations of AI overstepping its bounds will be is discussed hence foreword. First of all, increasing incorporation of AI by authoritarian regimes in governance has been observed. It emphasize controlling of citizens rather than governing citizens or it has dilluted the governance and exacerbated the government oversight on the actions of the public. Even, the minor activities are traced and recorded by the government. China has introduced social credit system, which works on scoring the citizens through tracking the activities of citizens - If a citizen obeys laws and do good to other, its score goes up. Later on, score is used to punish or reward the citizen. Such system is a great violation of a fundamental right of a human being and that is personal freedom. In this way, AI has empowered authoritarian regimes.

These authoritarian regimes also incorporate AI in the process of decision-making the chances of fallible decision-making comperatively reduces

by the use of AI. Authoritarian regimes use AI for the cost-benefit analysis, which is a step in policy-making process. It is used to calculate outcomes and feasibility of pursuing a particular policy. Thus, reducing the chances of fallible decision-making unlike past records. This fact is evident during the time of Joseph Stalin, when his wrong calculations on defense spendings compromised the economic condition of USSR and as a result an economic crisis was seen right after Bolshevik revolution in 1916. Therefore, AI has now reduced the chances of error while pursuing policy for the state in favor of authoritarianism.

Similarly, AI is increasingly used by populist leaders to malign state institutions and opposition. The populist leaders are exploring AI for their self motivated interest on the expense of diverse state interests. It has, thus, helped in forming state within a state. Populist leaders like Trump has repeatedly laid down

allegations on the administration of Biden for the mass rigging of 2020 presidential elections. In this way, AI generated deep fakes are used by populist leaders to create a narrative of rigging and popular belief of misconduct by the state institution. Thus, it maligns the state and its image by the use of AI.

AI is also increasingly used as a surveillance tool by authoritative regimes. The digital regulation or the access to diverse content are closely scrutinized by the state. It is mostly done to suppress the dissent and voices of the marginalized communities. The state feel threatened by such voices and start controlling and regulating content, so that criticism on the government can be curtailed. One fine example of such content regulation surveillance tool is 'Great Firewall of China'. The software is notorious for checking and deleting the undesirable content that doesn't align with the state narrative.

By doing so, AI is used as a controlling tool.

Owing to increasing surveillance and unnecessary oversight by the state, citizen may feel threatened by the state. Denying access to content and increasing surveillance compromise the personal freedom and privacy of citizens. They are in the constant fear of being stalked and surveilled. George Orwell implicitly termed such surveillance in his book "1984" as 'Big Brothers are Watching'. These Big Brothers have unrestricted access to the activities of citizens. The people, due to constant fear, develop psychological illness and are intermittently depressed. This makes it clear that expanded surveillance of the state compromises personal freedom and privacy.

One of the other manifestation of AI overstepping its bounds is that AI has taken over the human jobs. It has replaced human intelligence with Artificial Intelligence.

Humans are prone to make mistakes but AI is infallible and perfect in terms of doing a particular task. It has made the humans useless or one can say that by taking the jobs of humans, AI has left minimum opportunities for humans. Yuval Noah Harari argues in his book, "21 lessons for the 21st century" that AI has gave birth to a useless class in a society. He gave example of sea navigators whose job were to guide ships on the sea routes. However, with the advent of technology and google locations, sea navigators have become irrelevant and useless. Similarly, humans have been replaced by AI for the performance of various tasks.

Just like AI has taken human jobs, in a same manner, it has compromised critical thinking skills of humans. People have increasingly become dependent on AI and have deteriorated their mindfulness and rationality for information and entertainment. Neil Postman argues in his book "Amusing to Death" that people are excessively consuming

entertainment and irrelevant videos. This culture of mass entertainment, where sense of rationality and sanity are missing, posing a dire consequences on the long-term memory of individuals. Therefore, it will be suffice to say that AI has deteriorated critical thinking abilities of people.

While eroding mindfulness, AI it is also generating information that creates an endless loop of confusion and superficiality. With the excess of availability of information, people suffer to distinguish between authentic knowledge and conspiracy theories. The bulk of AI generated information has eroded the abilities of individuals to grasp the knowledge. Instead of conceptual clarity, AI has instilled mass confusions in people. Neil Postman has prudently outlined this concept of mass confusion and superficiality in his book "Technopoly", where he criticizes the peril associated with bulk of unorganized data. Thus, creating chaos and confusion.

AI has also overwhelmed the world by altering the course of conventional wars. Previously, the wars were all about confronting enemies militarily. But, with the advent of AI, the course of conventional wars are replaced by 5th generational warfare, where military confrontation is no longer a norm. States are increasingly indulged in war with the use of modern techniques to defeat the opponent. The recent detonation of pagers of Hezbollah by Israel is the noteworthy manifestation of security breach and cyber attack on the enemy (Hezbollah). Such events emphasize that war fronts are no longer militarily but AI operated.

In a similar vein, the rapid proliferation of AI has divided the world into two zones, that are, technologically advanced and the technologically weak countries. Yuval Noah Harari has used the term 'silicon curtain' in his recent book 'Nexus'. This silicon curtain

refers to the divide between those countries which are technologically or AI strong and AI-backward. He draws a parallel between cold war and 5th generation warfare that the only difference is that the the presence of Artificial intelligence. It is clear that AI has reshaped the history and divided the world.

Owing to the above arguments, it is now crystal clear that AI has considerably overstepped its bounds by increasing unintended intervention in the politics, economy and security of a state. However, it will not be wrong to claim that AI has significantly revolutionized the world too. It has advanced some promises like uninterrupted access to information seeking a knowledge or searching about a queer concepts are not a difficult task anymore. With the advent of chat-gpt and other AI tools, one can cross check the information or learn about

new concepts in less than a second. Similarly, google courses like Coursera, which operates on AI-algorithms are used by large number of people to take the desired course or learn a new skill by sitting in a home. By doing so, AI helps individuals to access diverse information.

The other advancement, owing to AI, is automation in daily life. It has automated the world and created uplift in the standards of life. The complex tasks and household chores are done by automatic robots. They have supplemented the efficiency and reduced the chances of error in operations. People are increasingly using automatic machines for laundry that doesn't rely on human oversight. Also, robots are used at restaurants to serve people with food. All these advancements owe their existence to AI.

Through such automation, improvements in the standards of living are observed. People

no longer suffer for attainment of basic utilities. They can easily have their transactions done through mobile apps. Other services like food-delivery, financing apps and online shopping stores have considerably improved the standards of living. Advancement in AI is directly translated into advancement in research and development. This, in turn, improves the production levels and standards of the society.

Now, it is clearly understood that AI has some promises and perils too. However, perils are greater in number therefore, it is a high need of time to strike a perfect balance between the use of AI and ensuring its ethical use. For this purpose, stringent policies are needed to adopt by the government to fortify the mechanism of Artificial Intelligence operations. Similarly, the conformity to ethical standards and principles must prevail. Citizens and government should use AI for the purpose of ensuring

progressive democracy rather than regressive or authoritarian use. Also, government should collaborate with civil society to critically evaluate the perils associated with the use of AI and suggesting the measures the address the perils. In this way, regulation can be ensured.

To sum up, it is clearly evident that AI has been increasingly overstepping its bounds. By keeping the above arguments in consideration, one can clearly analyze that authoritarian regimes and populist leaders are using AI to serve their politically motivated interest. The mass culture of surveillance, oversight and excessive regulation by authoritarian regimes, with the help of AI, are the clear evidence of AI being hazardly used. It is against the democratic norms. Nevertheless, AI has progressed societies with access of important information, knowledge and skills provision. Also, it has improved the

standards of living through increased automation. Therefore, in order to strike a perfect balance in use of AI, government must regulate the use of AI and citizens leaders must ensure conformity to ethical use while using AI. In this way, a country can be steered towards progress and development through AI.

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