

AI. It is then crucial  
to go with the law.

Last but not the least, jobs  
are must be available  
in case of planting AI  
automation. The workers  
or employees must paid  
the same as before  
they earned before AI  
repiacement.

the democratic processes. AI is turning out to be a potential threat to democratic value. This is due to public manipulation by AI attacks on elections. As 2016 American elections found controversial, accusing of AI usage cause and cause erosion of confidence in government and public institutions (Karl Mannheim, 2019, AI: Risks to privacy and democracy, Yale University Journal that depicts the AI interference disrupts the democratic process.

Moreover, the AI also affects the human health. ~~Too much~~ There will be the health and safety concerns for the mankind. Use of AI system in health care raises some major concerns regarding the treatment process. In 2020, an algorithm used to analyse chest x-rays for COVID-19 was found to have inaccuracies, potentially leading to misdiagnoses and delayed treatment for patients. In sum, AI automation in health care systems

g- use of AI automation as a modern weaponry amplifies the risk ~~of~~ <sup>to</sup> 5<sup>th</sup> generation warfare

#### 4. current impacts of inappropriate use of Artificial intelligence (AI)

a- It hinders critical thinking

a- Critical thinking hinders due to excessive leaning on AI

b- AI technology in few hands could lead to socio-economic grievances

c- rise in public manipulation through cyber crime

d- emissions by the AI systems ~~with~~ causes environmental damage.

e- It disrupts the democratic processes

f- Health and Safety concerns for the mankind

#### 5. way to overcome by the challenges of using AI responsibly

a. Proper training of mankind to make best use out of AI

Similarly, the AI beneficiaries should ensure the data security and privacy. The responsible use of AI should be mandatory. The goal of responsible AI is as big as AI itself. Microsoft has a dedicated office of responsible AI. The office of responsible AI was established in 2019 to ensure privacy, accessibility, and security (seven things to know about responsible AI, A Conversation with Microsoft's Chief responsible AI, Mar 2023). So, the AI stakeholders must set rule of policies or ethical framework for avoiding messes.

Not only that, AI beneficiaries must hold accountable for their actions. Everyone must have to follow the ethical code of conduct and held accountable at front of the jury. As The European Regulation (GDPR) sets standards for data protection including regulations

The diamond is extracted from the coal mines. People admires and worth make it worth, before that it was just an ordinary metal. It is the person who make it valuable and has give it the recognition of precious metal. Similarly, Artificial Intelligence is kind of a software. It's responsible usage defines its worth and make it stand unique in the modern world. On the other hand, In-appropriate use of artificial intelligence is a big challenge for the mankind. People are not trained enough for using Artificial Intelligence while the data security and the privacy is also threatens by the Artificial Intelligence. Meanwhile, for the purpose of enhancing the efficiency of a public sector, adoption of Artificial Intelligence is a very complicated task. Along with this, dispense of unauthentic facts, use of AI for malpractices and the gender biases by the AI algorithms are also the matter

states wealth and resources in the hands of those who control AI technology, leading to increased inequality. So, the inefficient control of AI technology could be ended up in the form of income inequality.

Another certain impact is the a public manipulation through the cyber crime. The general public would be much easy to be manipulated based on mis-information. due to the vulnerability of data accessibility, there would be the high chances of information sharing. The spread of fake news and deep-fake videos on social media platforms can manipulate public perception and contribute to misinformation campaigns, impacting elections and public trust. Significant capitalisation of AI has been seen in cyber. The current AI applications through fake news, misinformation, disinformation, cyber-physical attacks on civilian infrastructure, opinion manipulation

By the passage of time, another major concern of the current times is the use of automation as advanced weaponry for the modern or 5<sup>th</sup> generation warfare. There are risks associated with the AI driven military technology. As the developed countries are competing with each other in this race. Concerns over AI-powered autonomous weapons have led to the United Nations holding discussions on establishing a ban to prevent their use in conflict. In a nutshell, AI automation has raised the deep concerns about the 5<sup>th</sup> generation warfare.

Parallel to the challenges, current impacts of inappropriate use of artificial intelligence primarily cause hindrance over the critical thinking due to excessive leaning on the artificial intelligence. There are lots of chances for the potential atrophy of

ManKind faces the Challenge  
of wining Artificial intelligence  
responsibility

## 1. Introduction

The lack of knowledge about the mindful use of AI hinders the mankind ability to excel in the field of AI. Therefore, pragmatic policy frameworks is indispensible to cater the AI related miseries.

## 2. Crunch Paragraph

### 3. challenges to responsible use of artificial intelligence (AI)

- a. insufficient knowledge of AI's proper usage among the population education systems
- b. fears of losing routine based jobs due to automation and AI automation
- c. Threat to data security and privacy of personal information
- d. dispense of unrealistic facts and figures by the AI automations
- e. use of AI for malpractices
- f. gender biases by the AI algorithms



b- ensuring privacy and data protection by the **AI beneficiaries**

c- Accountability of the AI beneficiaries for

following the codes of Conduct

d- alternative jobs for the mankind from routine based industries and over all

essential human abilities.

Overreliance on AI for cognitive tasks could diminish human skills such as critical thinking and problem-solving. Studies also suggest that excessive dependence on AI can result in cognitive complacency, reducing our inclination to question information and think independently. A recent study by the University of California, Davis revealed that individuals who heavily rely on AI recommendations exhibit lower levels of critical thinking compared to those who engage in independent analysis. Therefore, AI restricts the ability of a person to think critically.

Along with that, artificial intelligence technology in a few hands could lead to socio-economic grievances. The unchecked AI could exacerbate socioeconomic divide. It might fuel the income inequality. Without proper regulation, AI could consent.

raises the alarm for action

However, there are certain ways to counter the challenges by the AI. It is crucial to trained mankind for the appropriate use of AI.

The stakeholders including AI beneficiaries, state authorities and the end users must collaborate in a manner so they make best use of AI. Many countries have developed AI frameworks & policies to facilitate education programmes and research & development (R&D) centres to forward technological advancement.

Examples include China's "Next Generation AI Development plan", the US executive order on "AI leadership" and "AI Made in Germany".

By summing up, AI training programmes are crucial for uplifting the development whether be it technological or economic.

has shown great concern regarding their job insecurity. A study by the World Economic Forum predicted that by 2025, automation could lead to the displacement of 85 million jobs, especially in routine-based industries.

Besides <sup>the</sup> job <sup>in</sup>insecurities, the data protection and information privacy is a great challenge. The AI and the related technologies have full access to the personal data of the mankind. The personal information is very vulnerable to expose as it is already accessed by the AI. Cleaview AI scraped 30 billion images from Facebook without the consent of users and gave them to cops which were later used in facial recognition software (Katherine Tanglakis, AI puts every one to perpetual police lineup, Lippert, 2023). This is how the AI makes

Crunch  
Pass

Personal data vulnerable to expose.

With the extent of data privacy security, dispense of unrealistic information by AI systems is another challenge for the mankind. AI might generate technical misinformation that can have catastrophic impacts. People who never use ChatGPT, often found its calculations were unrealistic. As Benjamin Weiser wrote in his article 'Here's what happens when your lawyer uses ChatGPT? 2023, in May 2023, it was discovered Stephen Schwartz submitted six fake case precedents generated by ChatGPT in his brief to the Southern District of New York on a personal injury case against the airline Avianca. Schwartz said that as he never used ChatGPT before, he did not recognize that its output could have been fabricated and ChatGPT continued to assert the authenticity of the precedents after their nonexistence was discovered. So the dispense of unrealistic information is another big challenge.

triggers civil unrest and  
have serious security  
implications' (Lars G. A. Hilse,  
a German scholar). This is  
how the public manipulated  
by the cyber crime.

Extend to the cyber crime,  
emissions by the AI systems  
causes environmental damage.

AI technology is a  
threat to environment. As  
the emissions of harmful gases  
in the atmosphere deteriorates  
the environment. However, the CO<sub>2</sub>  
major is playing major role  
in environment catastrophe. As  
Elsabet Jones highlights in his  
writing 'Artificial intelligence's  
environmental costs and promise' 2022,  
that supercomputers running  
powers emit CO<sub>2</sub> in a big  
amount. In this way, the  
AI systems adds pollution  
into the atmosphere.

The impacts of inappropriate  
usage of AI is not limited  
to that as it also

of great concern. Due to AI automation, there is a great fear among people of losing routine based jobs. Moreover, the use of automation based weapons also has increased the risk of 5<sup>th</sup> generation warfare. The AI impact over the human health, their environment, and socio-economic and their political dimensions. It is then crucial to make people aware of using AI appropriately. Along with this, the AI beneficiaries must be held accountable for not working within the ethical framework. Though, AI is kind of hillmark in the scientific innovation, become a formidable challenge for the mankind because of its inappropriate usage. The lack of knowledge about the mindful use of AI hinders the mankind's ability to excel in the field of AI. Therefore, pragmatic policy framework should be is indispensable to cater the AI related miseries.



Students <sup>people</sup> are not trained enough and <sup>they</sup> have very vague concept of artificial intelligence. The education systems are not equipped for training the students. The students are yet to know how to overcome by the AI challenges skillfully. According to a survey by the World Economic Forum (WEF), around 76% of educators believe that their current education systems are not adequately preparing students for the challenges posed by AI and related field. Students are have lack of knowledge about handling the challenges by AI.

yet the lack of skills to overcome by the AI challenges is accompanied by the fear of job insecurity among the people. AI automation has raised the fears of job displacement, especially in routine based jobs. People who are working in routine - based industries

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As the data is vulnerable to possible threats, AI uses for the malpractices that seems to be a problematic thing. It raises the chances of public manipulation by the falsies. Deep fake videos have been used to create fake political speeches and celebrity endorsement, raising concerns about their potential to spread misinformation. So, the manipulation of the data appears to be the difficult thing to counter.

With holding challenge of encountering the malpractices, another major aspect of gender biasness is a great matter of concern. The algorithm biases perpetuate discrimination. As a result, women could possibly be the victim of it. Amazon's recruiting tool was found to favour male candidates over female ones, highlighting the gender bias present in AI algorithms.