Topic: Mankind faces the challenge of using AI responsibly

Outline

1. Introduction

Thesis Statement

There are challenges faced by mankind due to its irresponsible use of AI i.e. privacy breech, jobs displacement and ~~ethical~~ ethical dilemmas. It has far-reaching impacts on health, climate and social life of humans. By devising ethical guidelines globally, mankind coun use AI responsibly.

2. Is mankind responsible enough in using AI currently?

3. Challenges faced by mankind with responsible use of AI,

   a. Security and privacy breech

   b. Jobs displacement due to automation and AI

   c. ~~Regulation~~ the Democracy

   d. Students are not educated enough ~~to~~ use AI responsibly

   e. Ethical dilemmas associated with

Red annotations:

The topic is that mankind faces the challenge of using AI responsibly, not challenges due to its irresponsible use

Don't elaborate points in Thesis statement. Keep it general

That's not the point of the topic. The topic is challenges faces in using AI responsibily. Whether mankind is responsible or not is separate.

These are challenges due to misuse Or irresponsible use. The topic is what challenges a man Face in using it Responsibly. For example if a person wants to use ai responsibly there are still hindrances in the way.

algorithim biased deceision making

f. Manipulated content can be created.

g. Gender-based discrimination in AI related jobs

h Challenge to collaboration in a country like Pakistan at governance level

i. AI-driven military warfare can be a catastrophe *decision-making in*

j. Might generate technical misinformation

4. **Impacts of irresponsible use of AI,**

    a. Out of control of humans

    b. Many health concers due to control by AI

    c. Already deteriorated climate change can be augmented

5. **How the challenge of irresponsible use of AI can be tackled**

    a. Devising of ethical guidelines at global level

    b. AI-literacy and training of ~~staff~~ masses

c. Explainable and Transparent
   Algorithms

6. Conclusion

ESSAY

AI is a tool. The choice about how it gets deployed is ours (Oren Etzioni). The writer stresses that Artificial Intelligence is just a tool, an instruement. It totally depends on humans how they use it. It has both sides i.e. good and bad. Now, the challenge is all associated with the responsible usage of AI. There are many challenges associated with the responsible use of AI. Man has a fear of his security and breech of privacy, job displacement due to automation of monotonous tasks and many ethical dilemmas associated with deceision making biased by AI algorithim-biasness. AI is a threat to democracy, posses many health concerns and damages the already deteriorated environment. The

[Margin annotation, top right:] But what if certain hurdles stop you from using it properly? What if there are problems in the design of that tool that result in a negative outcome despite the intent of user.

[Margin annotation, middle:] Sentence structure

irresponsible usage of AI poses many far-reaching impacts as it can be out of control of humans. There are challenges faced by mankind due to irresponsible use of AI i.e privacy breech, jobs displacement and ethical dilemmas. It causes serious impacts on health, climate and social life of humans. By devising ethical guidelines goat global level mankind can use AI responsibly.

Mankind is responsible enough in using AI currently. But the goal of responsible usage of AI is as bigger as the Artificial Intelligence itself Hegemons of the today's world are involved in devising the rules and regulations associated with the responsible use of AI. Microsoft has dedicated a separate folder to 'Responsible AI' in 2019. It is associated

with the responsible usage of AI in se for the security and privacy of mankind (Seven things to know about Responsible AI, A conversation with Microsoft's chief Responsible AI, March 2023). So, the world is developing programmes for the responsible use of AI to preserve and protect the security and sovereignity of mankind.

There are many challenges faced by mankind with the responsible usage of AI, one of which is security and breach of privacy of humans. Artificial intelligence posseses the systems which can interfere in the private subjects of man and misuse it for bad purposes. People associated with it has the application in which different algorithms are used and the concerned objects are hacked. AI clearview app has scrapped thirty (30) billion pictures

Expression

Sentence structure

from different Facebook accounts and send them to cops where they are used by by softwares in illegal face recognition (AI put everyone to Police line-up, Katherine Tangakhalis Lippert, 2023). In this way, AI aids in breach of privacy and a threat to the security of masses.

Job displacement is one of the other challenges associated with the responsible usage of Artificial Intelligence. In the world of AI, many jobs are automated in which no human beings are involved. Due to prevalence of automation in buisnesses and industries, many people in the world are displaced from their jobs. According to Parliament think tank 2020, it is estimated that 14% of jobs in OECD countries are

automatable and 32% could face substantial damages. Due to automation service by Artificial Intelligence, unemployment is expanding due to jobs displacement with AI in industries.

One of the many challenges associated with the responsible use of Artificial Intelligence is the potential risk to the Democratic values of the states. Democracy is also affected by the upsurge of AI. It can damage the democratic values by interfering and manipulating the electoral process and spreading the hatred among people. Democratic Index by The Economist of 2017 showed that half of the world countries scored lower than previous year. America toppled down to

flawed democracy. Due to interference by Russia and manipulation by Cambridge Analytica in 2016 elections created public disaffection (AI: risks to Democracy, Yale journal by Karl Manheim, 2021). By creating public disaffection through manipulation, AI is a potential risk to the democratic values of any country.

There are many challenges faced by mankind to use the Artificial Intelligence responsibly, one of which is that the students are not educated, trained and aware enough. Awareness about the use of Artificial Intelligence is very important for the use of it for good cause. But, students and educators are not trained to use AI responsibly. According to World Economic

Forum, 74% of the educators are of the view that students are not educated enough to use AI for good cause. That is why, it is a challenge to the responsible usage of Artificial Intelligence.

There are many ethical dilemmas which are associated with the biased deceision making power of algorithms. It poses a challenge to the responsible use of Artificial Intelligence. The biased deceisions create discrimination in the society, which is alarming for the harmony of society. Amazon had AI-based syst designed tool for the recruitment and selection of job applicants, but it was involved in biased in a Gender discrimination against females in hiring.

process (Amazon scrapped "sexist AI" tool, BBC, 2018). Due to the biasness of algorithms of Artificial Intelligence, ethical dilemmas like gender discrimination appears in the society.

One of the many challenges faced by mankind in the responsible usage of Artificial Intelligence, is the spreading of manipulated content creation. This content can be threatening to the society, it is being created. In May 2021, Stephen Schwartz a lawyer submitted a fake case manipulated through Chat GPT in New Yorks district court on Mata v. Avianca, a personal injury case against Airline Avianca (This is what happened when your lawyer uses ChatGPT, Benjamin Weiser, 2023). In this way, manipulated content can

be created and fake decisions can be made on this basis.

Gender discrimination in AI-related jobs is one of the many challenges faced by mankind. It ~~po~~ fosters the societal divide which is already threatening. In AI-driven jobs, more men than females are recruited which is augmenting the already present gender biasedness in the society. According to UNESCO, women are under-represented in Artificial Intelligence, only 22% of the females constitute the AI professionals globally. In this way, Artificial Intelligence is involved in fostering already present gender discrimination against females ~~in~~ in the society.

Artificial Intelligence's responsible use is a challenge

to the collabration at govemance level in a country like Pakistan. Inclusion of Artificial Intelligence is as requires the collaboration and cooperation between different department of a country. For this purpose, highly skilled professionals are required. AI impacts extends towards different sectors e.g. healthcare, finances and transportation, so a collaboration at governance level is required between regulators, experts and stakeholders. But, Pakistan is lacking in skilled AI professionals, which are essential for the cooperation and deployment of AI (AI adaption challanges for Pakistan, M. Taimur khan, 2021). So, the lack of cooperation and collabaration at governance level is a challenge to the responsible use of AI.

There are many challenges to the ~~AI de re~~ use of Artifical Intelligence responsibly, one of these is AI-driven deceision making in military-warfare. AI-driven deceissions can be catastrophic to the existing world. As, Artificial Intelligence is based on automation. So, it would not think or create any idea. It will just make decision on the basis of automated algorithms. So, the usage of AI-driven decisions in warfare can be a huge challenge to the mankind.

There are many impacts associated with the irresponsible use of Artificial Intelligence, one of which is the loss of human control over the technology associated with

Artificial Intelligence. Loss of human control can lead to unreliable expansion of issues associated with Artificial Intelligence. In 2016, a microsoft created by ChatBot called Tay was involved in spread of inethical and offensive content on social media which is out of control of humans. It becomes independent which is a threat to the existence of mankind.

Many health concerns are associated with the uncontrolled usage of Artificial Intelligence in every field of life. It can be involved in wrong diagnosis of diseases, change in the formulation of pharmaceutical drugs. It is associated with the threatening health concerns which can

be fatal. In 2020, Artificial Intelligence associated Robot has diagnosed the chest x-ray of COVID patients. It diagnosed it wrongly resulting in delay of treatment and augment the fatality of disease. In this way, many health issues can be created due to irresponsible usage of Artificial Intelligence in health department.

One of the impacts of irresponsible usage of Artificial Intelligence is the deterioration of already damaged climate change. It is a threat to the humans, as AI is involved in the augmentation of climate change implications. Artificial Intelligence works on supercomputers which to run on Electrical grid and Diesel-based generators

as a back-up. Training of single AI-system involves in emission of 2,50,000 pounds of carbon dioxide (AI's environ--mental costs and promises, Elasbel Jones, 2022). In this way, Artificial Intelligence can be involved in augment--ation of already present climate change.

Due to all these impacts, the challenge of irresponsible use of AI should be tackled carefully and urgently. One way through which it can be controlled is the devising of ethical guidlines at global level. ❽They must be made for the correct usage of Artif-icial Intelligence. In Nov 2021, UNESCO devised ethical guidlines "Ethical Recommendations for

for the usage of AI, which were accepted by all the 193 states. 8. More like, these guidelines are very important and necessary for the preservation of this world and its inhabitants.

Another solution for the tackeling of challenges associated with responsible usage of AI is AI-literacy and training of masses. It is the era of technology and Artificial Intelligence. So, institution, teachers, and educators must be trained in AI-related technology. So, students must be literate about the AI. Just by spreading the awareness regarding AI, it's full advantages can be gained and itshaune can be aversed. There must be AI- training institutes for the learning and training of masses.

Another step by which the challenge associated with irrespon-sible usage of AI is explain-able and Transparent Algorithms. Transparency of algorithms used by companies is very important in using A.I for beneficial purposes. Software companies must be regularized in a way that their Alogorithms must be transparent and open to state agencies. In this way, the irresponsible usage of AI can be tackled and it can be used for the good cause only.

In a Nutshell, the irrespon-sible usage of AI poses many challenges to social, economic and political aspects of mankind. It poses serious impacts on the health of humans. Basically, its good and bad

Example??

effects are associated with the intention of man, either it is positive or negative. But, the challenges associated with the irresponsible use of AI can be controlled by making ethical guidelines at global level and training of masses about A.I. It can prove fruitful in usage of AI responsibly. Humanity needs to tread the path to the use of Artificial Intelligence carefully and cautiously.