

Topic: Mankind Faces the Challenge of Using AI Responsibly

Essay

John McCarthy, widely recognized as Father of Artificial Intelligence (AI), defined AI as "the science and engineering of making intelligent machines." However, he did not answer whether humans can handle these machines responsibly or not. The recent developments in AI, along with their benefits, present an array of challenges to humanity. AI is used for human surveillance, tracking, and manipulating sensitive data. It has become human replacement not only in employment but also in intimate relations. Undetectable, human-like but sometimes biased ChatGPT responses assist students in academics. All these applications of AI offer multiple drawbacks in return. It poses threats not only to cybersecurity of humans but also to their jobs, creativity, critical thinking, moral values and health. Undetectable ChatGPT responses hinder the assessment of writing skills of students, as well as manipulate human decision making. To harness the benefits of AI, there is a need for interdisciplinary collaboration, responsible AI leadership and advanced softwares for detection of chatbot responses along with their biasedness. Moreover, AI developers

have to prioritize humans to their businesses for safer AI technology. In short, responsible use of AI has become a challenge for mankind. Risks associated with AI extend across various significant facets of human existence. Proactive and responsible role of multiple disciplines and AI developers can eradicate the threats posed by irresponsible use of AI.

AI refers to the capability of machines to perform tasks that require human intelligence. AI has a lot to offer: both benefits and drawbacks. As long as AI is used responsibly, it will continue to serve humanity; while its unethical use has potential to turn it into a dangerous villain for humans. AI offers wide range of applications in almost all the spheres of human life, sometimes resulting in its misuse. This misuse has now become one of the deadliest challenges the modern human is facing. Humans are now living in the fear of AI robots taking them hostage and ruling the whole world. This challenge is not the one to be overlooked; it requires immediate human consideration and robust efforts for the safer use of AI.

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Content and expression

OUTLINE

1- Introduction

Thesis statement: Responsible use of AI has become a challenge for mankind. Risks associated with AI extend across various significant facets of human existence. Proactive and responsible role of multiple disciplines and AI developers can eradicate the threats posed by irresponsible use of AI.

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2- How mankind is facing the challenge of using AI responsibly: An overview

Whole essay

3. Navigating the array of challenges presented by irresponsible use of AI to humanity

a. Use of AI for surveillance and tracking of humans

b. The information shared with AI can be manipulated by harmful actors

c. ^{Too} Many businesses have started using AI as a human alternative workforce

d. Students' over-dependence on AI for

educational purposes

- e- Human like responses of ChatGPT and others are hard to detect
- f- Biased responses reflecting developers' ideology
- g- Humans establishing intimate relationships with AI dolls

4- Impacts of irresponsible use of AI

- a- AI posing serious cyber-security risks
- b- Rise in unemployment post AI-expansion
- c- Human creativity & critical thinking^{is} compromised
- d- AI Chatbots making it harder to assess students' writing skills
- e- AI manipulating human decision making
- f- Relationship with AI dolls: Moral and psychological threat to society
- g- Insane competition among developers and influx of dangerous technology

5- Harnessing AI benefits while minimizing negative impacts

- a- Interdisciplinary collaboration for safety & security?
- b- Responsible and diverse AI leadership
- c- Bias detection and mitigation
- d- Prioritizing humans not businesses

6- Conclusion