ARTIFICIAL INTELLIGENCE: Its promise and perils.

Outline

1. Introduction

Thesis statement: In the present age, AI offers both merits and challenges, simultaneously. Though responsible use of Artificial Intelligence offers immense potential for progress, its negative use has perilous consequences. However, a cautious approach to artificial intelligence ensures ethical and self safeguard.

2. Artificial Intelligence: A boon and threat to mankind simultaneously

3. How Artificial Intelligence is promising and advantageous:

a- Speedy and efficient data processing
b- Increased agricultural productivity
c- Revolution in industrial sector
d- Prediction of natural catastrophes
e- Efficient crises management
f- Dimishes drought impacts
g- Flood defense and biodiversity preservation

4. How artificial intelligence is perilous:

a- Job displacement due to automation and AI
b- Data security and privacy
c- Rise in cyber-security issues
d- Loss of human control
e- Potential atrophy of essential human abilities
f- Risks associated with AI driven military technology

5. How to mitigate the challenges posed by AI: way forward.

a- Ethical frameworks: Highlighting the importance of establishing guidelines for AI development.

b- Education and Training: Promoting the acquisition of AI literacy and ethical understanding.

c- Government should take measures to establish fact-checking departments to promote digital literacy and awareness campaigns for fostering social peace.

d- The Prevention of Electronic Crime Act needs to address 3Ds in social, economic and political spheres.

6. Conclusion

Essay:

A family is eating breakfast when Yang: A robotic teenage boy, slams his head into his cereal. The young daughter, Mika, finds this very funny, but the parents know something is wrong. Her mother wisks her out of the kitchen and her father tries to figure out what to do. Yang will probably need a reboot. He is no longer under warranty. When his young daughter's beloved robotic companion malfunctions, Jake (father) searches for a way to repair it. In the process, Jake discovers the life that has been passing before him as he reconnects with his wife and daughter. It introduces a near-future world of social media implants, memory manufacturers and alarming intuitive robots. Through these technologies, swift data analysis will be possible. Moreover, artificial intelligence boon will enhance industrial and agricultural productivity. Besides, climate change and natural disasters may be manipulated through

AI sensors, radars and drones. In addition to, AI has the potential to in preserving biodiversity through species identification systems. Over and above, artificial intelligence also has a negative side. Increase in the use of AI-based algorithms in automating processes result into unemployment. Furthermore, AI-based programming in new architectures has exacerbated cyber-security and other data privacy issues. Besides, lack of human control and interference & affects the critical skills of humans. Moreover, AI-driven military technology is a major setback to national security. However, these challenges can be mitigated through education and training. In addition to, by adopting policies and measures to establish fact-checking institutions will which fosters social peace. Hence, AI offers both merits and challenges, simultaneously. Responsible use of AI offers immense potential for progress while its negative use has perilous consequences. However, a cautious approach to AI ensures ethical and self safeguard.

Artificial intelligence systems are being deployed around the world, with implications for every industry from education and healthcare to law enforcement and defence. Governments around the world are scrambling to balance benefits and challenges of AI. However. Nonetheless, lack of awareness is a major concern to counter its challenges. As per the report issued by World Economic Forum (2023), around 76% of educators believe that their current education system are not adequately preparing students for the challenges posed by AI and related technologies. The

Many rise of artificial intelligence has heralded the new era for the world of information technology, an era, where machines are changing the way we work, live and think. Many are drawn in by the promises of AI systems. They pledge to increase the productivity of workers and boost up the production rate. Ultimately, affecting the economy of a country. On the contrary, the dark side of this vision is often overlooked in the rush to embrace these machines.

(164)