

AI: promise or peril for humanity?

Outline

1. Introduction

- i. Attention grabber
- ii. General view
- iii **Thesis statement:** The rising use of AI poses a peril to humanity as it causes massive loss of jobs, economic collapse, human de-skilling, cyber and autonomous warfare, misinformation, societal and psychological harms but simultaneously it promises advancements in education, healthcare and security.

2. AI: peril for humanity

- i- Causes massive loss of jobs and unemployment
case study: AI has replaced humans in call centers of India and Phillipines
- ii- Weaponizes warfare and tools i.e autonomous warfare
case study: Turkey made Kargu-2 drones automatically attacked humans.

iii- Impacts the environment and utilizes enormous energy:

case study: Training GPT-3 requires energy equals to driving a car to the moon & back.

iv- Prevails misinformation by creating deep fakes and creates instability:

v- Collapses the economy in AI-driven trading:

case study: In 2010, AI-driven trading system suffered loss of \$1 trillion.

vi- Isolates human and affect their mental and social capabilities:

example: Rising cases of anxiety and depression.

vii- Empowers criminals and promotes drug trafficking:

case study: In 2023, when AI was given a prompt it created 40,000 WMDs in less than 6 hours.

3. Counter argument → AI: a promise to humanity

i. Promises man multiple healthcare facilities

example: AI-based diagnostics and AI-driven surgeries.

ii. Promotes education facilities i.e AI based tutors and AI-apps for notes making.

iii. Ensures security in high alert buildings e.g facial and eye recognition systems.

4. Conclusion

While AI poses threat to human existence, its responsible use highly depends on humans.

The Essay

The 21st century will not be known by pandemics and trade wars, it will be known as a century when machines begin to control humans. Initially, machines and AI were made to serve humanity but by the time over-dependency of humans on machines increases and for now man is surrounded by multiple machines and robots and ^{hence} cannot survive without it. This over-dependency has rather made man, a slave to these machines. As AI hails as a great invention in 4th industrial revolution, it emerges as a double edged sword for humanity. As it promises multiple facilities in education, health, security and economy it poses a great existential threat to humanity as well. It creates a peril to humans as it causes massive economic loss, unemployment, human de-skilling, social and psychological impacts, assists criminals, autonomous and cyber warfare, prevails misinformation and instability.