

Artificial Intelligence: A Double-Edged Sword in the Contemporary World

Outline

A. Introduction

Thesis Statement: An extensive and meticulously compiled array of rigorous case studies, nuanced theoretical perspectives, scholarly discourse, seminal academic publications, and documented findings reveals that while artificial intelligence has reshaped the human life differently, it has dire and grave repercussions as well; however, by implementing pragmatic grounded solutions to mitigate its adverse impacts, humanity can harness its fullest potential for collective benefit.

B. Genesis of Artificial Intelligence: From Logic Machines to Neural Networks

c. The Salutary Footprint of Artificial Intelligence in the contemporary world

a- Artificial Intelligence: A Modality for anticipating the trajectory of the future.

- i- Satellite-Driven intelligence gathering
- ii- Case Study of MIT

b- Burgeoning industrial development of core countries through artificial intelligence.

- i- Task replacement in labor work
- ii- Global value-chain theory

c- Inauguration of space technology due to artificial intelligence.

- i- Space X vision
- ii- European Space Agency (ESA)

d- Manufacturing of robots: Testament of relaxation.

- i- Chinese Industry
- ii- The Wired Magazine

e- Artificial intelligence expedites operational efficiency by significantly curtailing task of execution time.

- i- AI bots
- ii- ChatGpt and DeepSeek

o. The Present Sorry Plight of World Amid Artificial Intelligence in the Contemporary World

a. Intellectual theft : Offshoot of artificial intelligence in 21st world.

- i- USA stance against china - IPO
- ii- Manufacturing of Copy-Paste Machine.

b. The world is dangling in the typhoon of cyber attacks owing to artificial intelligence.

- i- Case study of Iran-Israel war.
- ii- 97.6% accuracy in cyber attack - MIT

c. Unprecedented display of advertisements: Brain wash of youth.

- i- AI Algorithms
- ii- 21 Lessons of 21st Century by: Yuval Noah Harari

d. Sovereignty breaching strategy by using techniques of artificial intelligence in current world.

- i- AI-Powered attacks
- ii - Surveillance and Data Exploitation.

e. Artificial Intelligence left narrow path for independent decision making.

- i- Dopamine Detox

E. Remedial Measures to Counter the Offshoots of Artificial Intelligence in Contemporary World.

a- Provision of education to understand the maximum uses of artificial intelligence.

i- Arranging Seminars.

ii- Organizational Awareness

b- Crafting AI Safeguard: Ensures positive use of AI in contemporary world.

i- Implementation of Laws.

ii- USA - world policeman.

c- Implementation of robust AI-driven security measures.

i- Gartner Report

F. Conclusion