Mains Practice Question

Q. Discuss the ethical implications of using artificial intelligence in decision-making processes. (150 words)

27 Apr, 2023   GS Paper 4 Theoretical Questions

Approach

- Start your answer with a brief introduction.
- Discuss the ethical implications of using artificial intelligence.
- Conclude accordingly.

Introduction

The rapid development of artificial intelligence (AI) has raised ethical concerns in decision-making processes. While AI has the potential to increase efficiency and accuracy, its use raises important ethical considerations.

Body

Ethical implications of using artificial intelligence in decision-making processes

- **Fairness:**
  - AI systems can perpetuate existing biases and discrimination in society.
  - The algorithms are only as unbiased as the data they are trained on.
  - Thus, it is necessary to ensure that the data is diverse and representative of different groups to prevent discrimination.
- **Accountability:**
  - With AI decision-making, it can be challenging to determine who is responsible for the decisions made.
  - Thus, there must be a clear understanding of the roles and responsibilities of all parties involved in the development and deployment of AI systems.
- **Transparency:**
  - It is essential to have transparency in AI decision-making processes to ensure that decisions are made based on valid and reliable information.
  - Transparency can help build trust in AI systems, enabling people to understand and challenge decisions made by AI.
- **Privacy:**
  - The use of AI in decision-making processes raises privacy concerns.
  - Data collected by AI systems can be used to make decisions about individuals, and the individuals may not be aware of the data collected about them.

Conclusion

The ethical implications of using AI in decision-making processes must be addressed to ensure that AI is developed and deployed in a responsible and ethical manner. The development of AI must be guided by ethical principles to ensure that it benefits society as a whole.