

Understanding AI Ethics and Values

Chapter 2: AI Ethics and Values · Topic 1

Key Concept

One key ethical concern is bias - AI systems trained on biased data can make unfair decisions, like favouring certain groups over others in hiring or loan approvals.

Privacy is another major concern, as AI systems often need large amounts of personal data, raising questions about how this data is collected, stored, and used.

Transparency and accountability are important too - people should understand how AI makes decisions, and there should be responsibility when AI systems make mistakes.

Following ethical guidelines helps ensure AI benefits society fairly, building trust in these powerful technologies while minimising potential harm.

Quick Revision Notes

- AI ethics ensures responsible, fair use of AI.
- Bias in AI can lead to unfair decisions.
- Biased data can favour certain groups unfairly.
- Privacy concerns arise from AI needing personal data.
- Transparency means understanding how AI makes decisions.
- Accountability means responsibility for AI mistakes.
- Ethical guidelines help AI benefit society fairly.
- Ethics builds trust in AI technologies.

Practice Questions

- 1 Discuss an example of AI bias you've heard about.
- 2 Explain why privacy matters when using AI.
- 3 Discuss what transparency means for AI decisions.
- 4 Research a real-world AI ethics issue.
- 5 Discuss why accountability matters when AI makes mistakes.
- 6 Create a list of ethical guidelines you'd suggest for AI systems.