

AI Ethics Assignment – Full Answers

Part 1: Theoretical Understanding

(Condensed for PDF — full content available in chat)

- Definitions of algorithmic bias
- Transparency vs explainability
- GDPR impact
- Ethical principles matching

Part 2: Case Studies

- Amazon biased hiring tool analysis
- Facial recognition in policing

Part 3: Practical Audit

- COMPAS dataset bias analysis explanation

Part 4: Reflection

- Personal ethical AI strategy

Bonus Task:

- 1-page healthcare AI ethics guideline