

Ethical Considerations in Generative AI

Explore the ethical and compliance challenges of Generative AI! This course covers bias, fairness, privacy, transparency, legal frameworks, and societal impact. Learn about data privacy laws, AI-driven decisions, deepfake mitigation, and industry regulations.

Program Duration

4 Hours

Learning Format

Online self-paced videos

Course Curriculum

Lesson 01: Learning Objectives

Lesson 02: Understanding the Ethics of Generative AI

Lesson 03: Data Privacy and Ethical Challenges in GenAI

3.01 Data Privacy for Ethical GenAI

3.02 Elements of Data Privacy

3.03 Challenges in Data Collection

3.04 Safeguarding Data Privacy

3.05 Data Privacy Laws and Regulations

3.06 Data Privacy Laws and Regulations: General Data Protection Regulation (GDPR)

3.07 Use Cases

3.08 Use Cases: Challenges

Lesson 04: The Black Box Challenge

4.01 Black Box in GenAI System

4.02 How Is the Black Box a Challenge to Ethical GenAI?

4.03 Use Cases of GenAI Black Box

Lesson 05: Explainable Artificial Intelligence (XAI)

5.01 What Is XAI?

5.02 How to Implement XAI?

5.03 Model Transparency Techniques

5.04 XAI Tools

5.05 Scenario Using DALEX to Evaluate a GenAI Model

Lesson 06: Generative AI Legal Regulatory Frameworks

Lesson 07: GenAI's Potential Impact on the Labor Market

Lesson 08: Importance of Ethical Generative AI in Critical Domains: Case Studies

8.01 Case Study on Hiring: Overview

8.02 Case Study on Finance: Overview

8.03 Case Study on Healthcare: Overview

5+ Skills Covered

- AI Ethics Understanding
- Data Privacy Management
- Responsible AI Deployment
- AI Regulatory Compliance
- Ethical AI Leadership