

## **Generative AI: Impact, Considerations, and Ethical Issues**

**Provider:** IBM (Coursera, part of Generative AI Fundamentals specialization)

**Completion Date:** September 7, 2025

### **Overview**

This course examined the ethical issues, risks, and broader implications of generative AI. It covered limitations of training data, concerns about bias, privacy, and copyright, and misuse scenarios such as hallucinations and deepfakes. Learners explored responsible use frameworks focused on transparency, accountability, privacy, and safety, along with the economic and social impacts of generative AI.

### **Key Topics Covered**

- Limitations: training data, explainability, interpretability
- Ethical concerns: bias, privacy, copyright infringement, hallucination
- Misuse: deepfakes, misinformation, identity fraud
- Responsible AI: transparency, accountability, privacy safeguards, safety guardrails
- Governance and regulation: legal frameworks, global approaches, corporate policies
- Broader impacts: workforce disruption, cultural shifts, and social well-being

### **Practical Applications**

- Identifying risks in AI systems and addressing bias and privacy concerns
- Applying frameworks for responsible AI development and deployment
- Evaluating legal and regulatory implications across global contexts
- Conducting risk assessments for hallucinations, deepfakes, and misuse
- Supporting organizational policies with transparency and accountability measures

### **Personal Reflection**

This course enhanced my ability to evaluate generative AI beyond technical capability, focusing on its risks, ethical issues, and societal impact. I developed practical skills in applying responsibility frameworks, which complement my cybersecurity and compliance training as AI governance becomes central to risk management.