

Introduction to Artificial Intelligence

This Introduction to AI provides an overview of AI concepts and workflows, machine learning, deep learning, and performance metrics. You'll learn the difference between supervised, unsupervised, and reinforcement learning; be exposed to use cases, and see how clustering and classification algorithms help identify AI business applications.

Program Duration

2 Hours

Learning Format

Online and On-demand

Course Curriculum

Introduction to Artificial Intelligence

Lesson 00 - Course Introduction

Lesson 01 - Decoding Artificial Intelligence

Lesson 02 - Fundamentals of Machine Learning and Deep Learning

Lesson 03 - Machine Learning Workflow

Lesson 04 - Performance Metrics

5+ Skills Covered

AI Basics

Machine Learning Neural Networks and NLP

Data Handling amp Preprocessing

AI Tools amp Frameworks

Problem Solving with AI

Future of AI and Emerging Trends

Explore the future of AI and emerging trends shaping the next decade, including generative and multimodal AI, autonomous agents, and industry transformation. Learn how AI, cloud, and IoT convergence drive innovation, while ethics, governance, and global regulations redefine responsible AI adoption across sectors.

Program Duration

3 Hours

Learning Format

Online and On-demand

Course Curriculum

Future of AI and Emerging Trends

Lesson 01: Introduction

Lesson 02: Learning Objectives

Lesson 03: The Future of AI What's Next

- 3.01 Evolution of AI: From Narrow AI to Autonomous and Agentic AI
- 3.02 Core Capabilities
- 3.03 Why 2025-2030 Will Be Transformative
- 3.04 Convergence of AI, Cloud, 5G, and IoT
- 3.05 Rise of AI Powered Decision Making Across Industries
- 3.06 Ethical, Regulatory, and Governance Shifts

Lesson 04: Generative AI Advancements and Multimodal Systems

- 4.01 The Rise of Efficient and Multimodal Models
- 4.02 Demo- Using Multimodal AI to Understand and Generate Across Modalities
- 4.03 Multimodal AI Challenges and AI Evolution
- 4.04 Vision-Language Models Technical Frontiers
- 4.05 Exploring Synthetic Media Generation
- 4.06 Demo- Synthetic Media Generation

Lesson 05: AI Agents and Autonomous Workflows

- 5.01 What Are AI Agents?
- 5.02 Coordinating Tasks Using Multi-Agent Systems
- 5.03 Multi-Agent Applications, Challenges, and Scaling

5.04 AI Planning, Reasoning, and Autonomous Execution

5.05 Demo: Implementing AI Planning, Reasoning, and Autonomous Execution

5.06 Impact of AI Agents on Knowledge Work

Lesson 06: AI in Business Transformation

6.01 AI Agents and the Future of Business Models

6.02 AI Ecosystems, Infrastructure and Industry Transformation

6.03 Building Competitive Moats in the Age of AI

6.04 Hyper- Personalization With AI in Retail, Fintech and Hospitality

6.05 How AI Is Shaping Industry 4.0 and 5.0

6.06 AI in Security, Smart Infrastructure, and Climate Intelligence

Lesson 07: Emerging Trends Beyond 2025

7.01 Emerging Trends Beyond 2026

7.02 AI and Robotics in the Physical World

7.03 Neuromorphic Computing and Quantum AI

7.04 Edge AI Benefits and Applications

7.05 AI Regulations, Global Standards, and Responsible AI

7.06 AI Compliance and Future Impact

Lesson 08: Key Takeaways

5+ Skills Covered

AI Trends

Generative AI

AI Agents

Multimodal Systems

Responsible AI

Generative AI for Managers and Decision Makers

Learn how to use generative AI for better leadership and decision-making. Explore decision frameworks, risk evaluation, high-value use cases, responsible AI governance, and practical rollout planning to lead AI adoption confidently across teams and business functions.

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2 Hours

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Course Curriculum

Generative AI for Managers and Decision Makers

Lesson 01: Course Introduction

Lesson 02: Learning Objectives

Lesson 03: GenAI for Leaders Why It Matters

Lesson 04: Manager Mental Models for Decision Quality

Lesson 05: Common Failure Modes and Decision Risks

Lesson 06: The Decision Brief Template DBT

Lesson 07: High Value AI Use Cases Across Functions

Lesson 08: Responsible AI Use and Governance

Lesson 09: Operating Model for Scaling AI

Lesson 10: The 30 60 90 Day AI Rollout Plan

Lesson 11: Key Takeaways

5+ Skills Covered

AI Decision-Making

Risk Evaluation

AI Governance

Strategic Leadership

Use Case Prioritization

Promoting Governance - The Corporate Gatekeepers Role

This course explores corporate governance as a strategic business imperative. Learn the roles of corporate gatekeepers, the impact of COVID-19 on governance and organizational behavior, and how effective governance ensures transparency, accountability, and ethical decision-making in any organization.

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2 Hours

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Course Curriculum

Promoting Governance–The Corporate Gatekeeper’s Role

5+ Skills Covered

- *Present the guiding principles and functions of corporate governance*
- *Discuss key drivers and sources influencing corporate governance*
- *Examine mechanisms measures and reporting structures*
- *Recognize PCAOB SEC and SOX requirements and protections*
- *Analyze the impact of regulatory reforms such as Sarbanes-Oxley and Dodd-Frank Acts*

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 and On-demand

Course Curriculum

Ethical Considerations in Generative AI

Lesson 01: Learning Objectives

Lesson 02: Understanding the Ethics of Generative AI

- 2.01 What Is Meant by Ethics of GenAI?
- 2.02 Ethical Concerns of GenAI
- 2.03 AI Ethics Framework
- 2.04 AI Ethics Framework: Key Requirements
- 2.05 Importance of Ethics in GenAI

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

6.01 Need for Regulatory Frameworks

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

7.01 How Is GenAI Impacting 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

General Data Protection Regulation (GDPR)

Learn the fundamentals of GDPR, its core principles, individual rights, accountability requirements, data transfer rules, and breach notification obligations. Gain a clear understanding of compliance responsibilities and key topics organizations must manage under GDPR.

Program Duration

8 Hours

Learning Format

Online and On-demand

Course Curriculum

General Data Protection Regulation (GDPR)

Lesson 01: Overview

Lesson 02: Principles

Lesson 03: Special Topics to Focus On

Lesson 04: The Individual Rights

Lesson 05: Accountability and Governance

Lesson 06: Transfers of Personal Data

Lesson 07: Breach Notification

Lesson 08: National Derogations

5+ Skills Covered

- *GDPR principles and foundations*
- *Data processing obligations*
- *Understanding individual rights*
- *Data transfer and breach rules*
- *Governance and accountability*

Introduction to Responsible AI

This is a Introduction to Responsible AI Course and practices powered by Google Cloud. The scope and core themes of this Foundation-level course include Google's 7 AI principles, bias reduction, and privacy. This covers the frameworks of responsible AI policies and governance models.

In Collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

Introduction to Responsible AI

4+ Skills Covered

Responsible AI Principles

AI Frameworks

Bias in AI Systems

Responsible AI Policies and Governance Frameworks

Responsible AI on Azure

This course introduces Responsible AI principles on Azure. Learners explore guiding principles such as fairness, reliability and safety, privacy and security, inclusiveness, transparency, and accountability, and understand how these principles are applied when designing and deploying AI solutions on Azure.

In collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

Responsible AI on Azure

Lesson 01: Artificial Intelligence Workloads Considerations

- 1.01 Responsible AI Guiding Principles
- 1.02 Fairness in an AI solution
- 1.03 Reliability and safety in an AI solution
- 1.04 Privacy and security in an AI solution
- 1.05 Inclusiveness in an AI solution
- 1.06 Transparency in an AI solution
- 1.07 Accountability in an AI solution

5+ Skills Covered

Responsible AI

AI Fairness

AI Transparency

AI Accountability

Azure AI

Responsible AI on AWS

This course introduces Responsible AI practices on AWS. Learners explore key principles of Responsible AI, model selection practices, legal risks in generative AI, data collection and privacy considerations, and the use of AWS tools such as GuardRails and explainable AI services to build trustworthy AI solutions.

In collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

Responsible AI on AWS

5+ Skills Covered

- *Responsible AI*
- *AI Governance*
- *Data Privacy*
- *Model Explainability*
- *AWS GuardRails*

AI Security and Governance on AWS

This course focuses on AI security, compliance, and governance on AWS. Learners explore AWS services used to secure AI systems, understand the AWS Shared Responsibility Model, address security and privacy considerations, and apply AWS governance services to manage and control AI applications effectively.

In collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

AI Security and Governance on AWS

5+ Skills Covered

- *AI Security*
- *AWS Compliance*
- *Shared Responsibility*
- *AI Governance*
- *Data Privacy*

AWS Shared Responsibility Model

Acquire a thorough grasp of the AWS Shared Responsibility Model, a basic idea in cloud security. Discover the shared responsibility for maintaining and safeguarding cloud resources between AWS and its clients. Learn about best practices for adopting safety protocols, maintaining compliance, and promoting cooperation in the cloud

In Collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

AWS Shared Responsibility Model

5+ Skills Covered

- *Shared Responsibility Model Overview*
- *Division of Responsibilities*
- *AWS Responsibilities*
- *Managing access control*
- *Security Monitoring and Incident Response*

Building a Generative AI-Ready Organization

In this course, you'll discover how AWS can support the implementation of your Machine Learning strategy. This Generative AI-ready organization course is tailored in a way to help you understand the cultural shift required for successful ML integration and methods for evaluating and enhancing your data strategy.

In Collaboration with



Program Duration

1 Hour

Learning Format

Online and On-demand

Course Curriculum

Building a Generative AI-Ready Organization

4+ Skills Covered

- *Generative AI Overview*
- *Responsible AI*
- *Strategic Planning*
- *Risk Management*