



Empower Decision Makers with Generative AI

Course description

In this course, you will learn how generative AI can profoundly empower decision-makers across various organizational functions. You will explore the strategic value of generative AI in transforming how data is analyzed, insights are generated, and decisions are made, leading to enhanced agility and competitive advantage. The course will provide a solid understanding of generative AI capabilities, its applications for strategic planning, operational optimization, and risk management, and practical insights into integrating these technologies into existing business processes. By the end of the course, you will be equipped to identify high-impact use cases, evaluate potential solutions, and develop a strategic roadmap for leveraging generative AI to drive informed and effective decisions within your organization.

- **Course level:** Beginner
- **Duration:** 1 day

Activities

This course includes presentations, hands-on labs, demonstrations, and group exercises.

Course objectives

In this course, you will learn to:

- Summarize the strategic potential of generative AI for enhancing business decision-making
- Discuss how generative AI can provide data-driven insights to support leadership and management
- Describe responsible and ethical considerations when using generative AI for critical business decisions
- Recognize specific generative AI solutions and their use cases across various decision-making scenarios
- Explain the implementation and project planning considerations for integrating generative AI into organizational decision workflows

Intended audience

This course is intended for those with limited prior knowledge of generative AI, who are involved in strategic planning and operational decision-making:

- Business leaders and executives (C-suite, VPs)
- Department heads and managers
- Strategic planners and consultants
- Data analysts and business intelligence professionals
- Product or project managers
- Innovation and digital transformation leaders

Prerequisites

We recommend that attendees of this course have:

- None

Course outline

Module 01 – Understanding Generative AI

Topics

- Generative AI vs AI/ML
- Generative AI Use Cases
- Business Applications of Generative AI

Activities

- Generative AI Overview Discussion
- AI Business Scenario Analysis
- Classroom Interaction

Module 02 – Generative AI in Your Organization

Topics

- Personas and Products
- Workspace for Business Users
- Consumer AI vs Enterprise AI
- Vertex AI Studio
- Model Garden
- Vertex AI Agent Builder

Activities

- Persona Mapping Workshop
- Product Exploration Discussion
- Classroom Activity

Module 03 – Industry Use Cases

Topics

- Common Business Challenges
- Industry Use Cases

Activities

- Industry Case Study Discussion
- AI Innovation Brainstorming
- Classroom Activity

Module 04 – Generative AI Case Study

Topics

- Use Case Identification
- Scoping Considerations
- Use Case Prioritization and Evaluation

Activities

- Brainstorming Workshop: Generative AI Use Cases
- Use Case Prioritization Exercise
- Group Activity

Module 05 – Responsible AI

Topics

- Data Privacy at Google

- AI and Responsibility
- Google's AI Principles
- Responsible AI Best Practices

Activities

- Responsible AI Discussion
- Privacy and Governance Review
- Classroom Interaction

Module 06 – Prompt Design

Topics

- Importance of Prompt Design
- Prompt Content Types
- Prompt Design Strategies
- Iterative Prompt Improvement

Activities

- Lab: Introduction to Prompt Design
- Prompt Writing Workshop
- Prompt Review Exercise

Module 07 – Improving Prompts

Topics

- Prompt Design vs Prompt Engineering
- Zero-shot Prompting

- Few-shot Prompting
- Chain-of-Thought Prompting
- Advanced Prompting Techniques

Activities

- Lab: Improving Your Prompts
- Optional Lab: Writing Prompts for Gemini Pro Vision
- Prompt Optimization Workshop

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About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

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