



Identify Agentic AI Use Cases

Course description

Learn how to identify, evaluate, prioritize, and design high-value Agentic AI opportunities within your organization using Google's Agentic Transformation Framework (ATF). Discover how AI agents can transform business processes, enhance human-agent collaboration, and accelerate business outcomes through structured agentic transformation methodologies.

Participants will learn Google's Agentic Transformation Framework (ATF), explore methods for reimagining business processes, identify agentic touchpoints, define and prioritize AI agent use cases, and conduct Responsible AI assessments. Through practical exercises and hands-on activities, learners will gain foundational skills for initiating successful Agentic AI transformation programs.

- Course level: Introductory
- Duration: 1 day

Activities

This course includes instructor-led training, framework-based learning, interactive discussions, use case identification workshops, business process analysis exercises, agent design activities, responsible ai assessments, and strategic planning sessions to reinforce learning.

Course objectives

In this course, you will learn to:

- Understand the fundamentals of Agentic AI solutions.
- Differentiate Agentic AI from traditional AI approaches.
- Apply the Agentic Transformation Framework (ATF).
- Identify business processes suitable for AI agents.
- Discover agentic touchpoints across workflows.
- Design human-agent collaboration models.
- Define and prioritize agentic use cases.
- Conduct Responsible AI risk assessments.
- Create high-level agent designs for business solutions.

Intended audience

This course is intended for:

- Business Leaders
- Decision Makers
- Transformation Leaders
- Innovation Managers
- Product Managers
- AI Strategy Teams
- Senior Individual Contributors (ICs)
- Business Architects
- Process Improvement Professionals
- Agent Design Stakeholders

Prerequisites

We recommend that attendees of this course have:

- General familiarity with Generative AI concepts.
- Understanding of Agentic AI solutions.
- Strong familiarity with business processes and operational workflows.
- Experience in business strategy, transformation, or process improvement is beneficial.

Products covered

- Vertex AI
- Agentic Transformation Framework (ATF)

Course outline

Module 01 - Agents in Action

- Agentic Transformation Mindset
- Key Tenets for Use Case Activities
- Agentic Transformation Framework

Module 02 - Mapping the Agentic Transformation Framework

- The Agentic Transformation Roadmap
- Agentic Development Lifecycle
- Framework References and Artifacts

Module 03 - The Reimagining Business Processes Phase

- Inputs and Discovery Activities
- Identifying Agentic Touchpoints
- Human-Agent Collaboration Models
- Process Redesign Methodologies

Module 04 - Use Case Definition and Prioritization

- Use Case Definition Framework
- Agent Use Case Prioritization
- Responsible AI Considerations
- High-Level Agent Design

Certification details

Participants receive a course completion certificate upon successful completion of the training program.

FAQs

Who should attend this course?

This course is designed for leaders, decision-makers, and professionals responsible for identifying and designing Agentic AI opportunities within

their organizations.

Is technical expertise required?

No. The course focuses on business transformation, use case identification, and agent strategy rather than technical implementation.

What is the Agentic Transformation Framework (ATF)?

ATF is Google's structured framework for identifying, evaluating, designing, and prioritizing Agentic AI opportunities within business processes.

What are Agentic AI use cases?

Agentic AI use cases involve AI agents that can reason, make decisions, collaborate with humans, and execute tasks to achieve business objectives.

Is this a hands-on course?

Yes. Participants engage in workshops, process analysis exercises, use case prioritization activities, and Responsible AI assessments.

Will I learn how to design AI agents?

Yes. The course introduces high-level agent design concepts and human-agent collaboration models.

How long is the course?

The course is delivered in a 3-hour instructor-led format.

What business benefits can organizations expect?

Organizations can identify high-impact Agentic AI opportunities, improve operational efficiency, accelerate innovation, enhance decision-making, and establish a roadmap for AI-driven business transformation.