

Agentic AI Governance Essentials

This course provides learners with the essential skills to govern the design, deployment, and scaling of autonomous, Agentic AI systems. It focuses on enabling rapid innovation and accelerating speed-to-market while managing the unique risks presented by AI systems that can make decisions without constant human input. The course is structured around the practical application of the four-phase Agentic AI Governance Maturity Roadmap (Establish, Implement, Scale, Accelerate), using case studies, discussions, and a tabletop exercise to connect theory to real-world challenges.

**DURATION**

2-3 hours

**LEVEL**

200 - Intermediate

**FORMAT**

Instructor-led

**SCALABLE**

1-50, scaled to 1000

What you'll learn

- Establish a cross-functional AI governance committee and core ethical principles.
- Implement technical enforcement mechanisms, such as Decision Provenance Logs and Human Veto Points.
- Scale governance enterprise-wide by standardizing tooling and integrating controls into the CI/CD pipeline.
- Leverage governance as a competitive advantage by shifting from oversight to enablement.
- Define Agentic AI and identify key risk vectors unique to autonomous systems, including opacity of logic and accountability.

Overview

Who this course is for	• Business leaders, Technical practitioners, and Governance professionals
Products	• Gemini Enterprise • Model Armor • Agent Action Approvals • Agent Runtime on Gemini Enterprise Agent Platform • Gemini Enterprise Agent Developer Kit
Not covered	• In-depth use cases for specific products.

Module 01

The agentic AI governance imperative

Topics	• Defining agentic AI • The governance gap • Agentic AI risk • Introduction the governance maturity roadmap
Objectives	• Define agentic AI and understand its governance implications.

Module 02

Establish

Topics	• Setting strategic vision and accountability • Business scenario: Cymbal Health • 6 steps for Establish phase
Objectives	• Identify key risk vectors unique to autonomous AI systems. • Establish accountability and oversight mechanisms.
Activities	• 1 discussion topic

Module 03

Implement

Topics	• Building technical enforcement • Business scenario: Cymbal Insurance • 6 steps for Implement phase
Objectives	• Implement governance frameworks for agentic AI deployments. • Design controls that balance innovation with risk management.
Activities	• 1 discussion topic

Module 04

Scale

Topics	• Embedding governance enterprise-wide • Business scenario: Cymbal Shops • 5 steps for Scale phase
Objectives	• Establish accountability and oversight mechanisms.
Activities	• 1 tabletop exercise

Module 05

Accelerate

Topics	• Leveraging governance for competitive advantage • Business scenario: Cymbal Fintech • 5 steps for Accelerate phase
Objectives	• Design controls that balance innovation with risk management.
Activities	• 1 discussion topic

Module 06

Conclusion and quiz

Topics

- Recap
- Q&A
- Quiz
- Survey