



Agentic AI Governance Essentials

Course description

Learn how to govern the design, deployment, and scaling of autonomous Agentic AI systems while enabling rapid innovation and accelerating business value. Explore governance frameworks, accountability models, technical guardrails, risk management strategies, and enterprise governance practices that help organizations safely scale AI systems capable of autonomous decision-making.

This course introduces the Agentic AI Governance Maturity Roadmap and provides a structured approach to governing autonomous AI systems through four phases: Establish, Implement, Scale, and Accelerate. Participants will explore governance challenges unique to Agentic AI, including accountability gaps, decision opacity, technical enforcement mechanisms, auditability, and enterprise-wide governance strategies. Through real-world Cymbal business scenarios, discussions, tabletop exercises, and practical frameworks, learners will gain actionable strategies for building trustworthy and scalable Agentic AI programs.

- Course level: Intermediate
- Duration: 1 day

Activities

This course includes instructor-led training, real-world business scenarios, interactive discussions, governance workshops, tabletop exercises, strategic planning sessions, knowledge checks and quizzes, and framework-based learning to reinforce learning.

Course objectives

In this course, you will learn to:

- Define Agentic AI and understand its governance implications.
- Identify key risk vectors unique to autonomous AI systems.
- Understand accountability challenges in autonomous decision-making.
- Establish governance structures and oversight mechanisms.
- Implement technical controls and enforcement mechanisms.
- Design governance frameworks that balance innovation and risk.
- Scale governance across enterprise environments.
- Integrate governance into CI/CD and operational workflows.
- Leverage governance as a business differentiator and competitive advantage.
- Develop an Agentic AI governance roadmap for organizational adoption.

Intended audience

This course is intended for:

- Business Leaders
- Technical Practitioners
- Governance Professionals
- AI Program Managers
- Risk and Compliance Teams
- Technology Leaders
- Digital Transformation Leaders
- Enterprise Architects
- Security and Governance Teams

Prerequisites

We recommend that attendees of this course have:

- No formal prerequisites required.
- Interest in AI governance and risk management.

- Familiarity with AI concepts is beneficial.
- Suitable for both business and technical audiences.

Products covered

- Gemini Enterprise
- Agent Development Kit (ADK)

Course outline

Module 01 - The Agentic AI Governance Imperative

- Defining Agentic AI
- The Governance Gap
- Agentic AI Risks
- Introduction to the Governance Maturity Roadmap

Module 02 - Establish

- Setting Strategic Vision and Accountability
- Business Scenario: Cymbal Health
- Six Steps for the Establish Phase

Module 03 - Implement

- Building Technical Enforcement
- Business Scenario: Cymbal Insurance
- Six Steps for the Implement Phase

Module 04 - Scale

- Embedding Governance Enterprise-Wide
- Business Scenario: Cymbal Shops
- Five Steps for the Scale Phase

Module 05 - Accelerate

- Leveraging Governance for Competitive Advantage
- Business Scenario: Cymbal Fintech
- Five Steps for the Accelerate Phase

Module 06 - Conclusion and Quiz

- Course Recap

- Q&A
- Quiz
- Survey

Certification details

Participants receive a course completion certificate upon successfully attending the training program.

FAQs

Who should attend this course?

This course is designed for business leaders, technical practitioners, and governance professionals responsible for overseeing AI initiatives and governance programs.

What is Agentic AI Governance?

Agentic AI Governance refers to the frameworks, controls, processes, and accountability mechanisms used to manage autonomous AI systems that can make decisions and take actions independently.

What is the Governance Maturity Roadmap?

The roadmap consists of four phases—Establish, Implement, Scale, and Accelerate—that help organizations progressively mature their Agentic AI governance capabilities.

Does this course cover technical controls?

Yes. The course discusses technical enforcement mechanisms, audit logging, governance guardrails, accountability controls, and operational governance practices.

Are real-world scenarios included?

Yes. The course uses multiple Cymbal business scenarios (Health, Insurance, Shops, and Fintech) to demonstrate governance concepts in practical contexts.

Is this a hands-on technical course?

No. The course focuses on governance frameworks, organizational strategy, risk management, and operational governance rather than technical implementation.

How long is the course?

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

What business benefits can organizations expect?

Organizations can improve trust, reduce governance risks, strengthen accountability, accelerate AI adoption, improve regulatory readiness, establish transparent AI practices, and create competitive advantages through effective Agentic AI governance.