

Enterprise AI Integration

This course guides business leaders and technical strategists through the integration of AI into enterprise ecosystems. It covers the foundations of enterprise AI, the Google Cloud AI ecosystem including Gemini and Agent Platform, and essential integration patterns like data flow and event-driven architectures. The training also outlines a seven-step implementation strategy, governance frameworks, and methods for managing organizational change to ensure successful AI adoption.

**DURATION**

2-3 hours

**LEVEL**

100 - Introductory

**FORMAT**

Instructor-led

**SCALABLE**

1-50, scaled to 1000

What you'll learn

- Map Google Cloud AI tools to high-value use cases.
- Design basic AI integration patterns.
- Develop an AI implementation roadmap.

Overview	6 modules
Who this course is for	• Business leaders with some technical knowledge.
Products	• Agent Platform • Gemini Notebook Enterprise • Gemini Enterprise • Google Workspace App Composer • Agent Studio on Gemini Enterprise Agent Platform • Google Workspace Flows
Prerequisites	• There are no specific prerequisites for this course, though a basic understanding of cloud computing concepts is beneficial.
Not covered	• In-depth coding tutorials or advanced machine learning model development.

Module 01 Foundations of enterprise AI

Topics	• The enterprise AI integration imperative • What do we mean by 'enterprise AI'? • Agentic AI and capabilities of agents
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Module 02 Google Cloud enterprise AI ecosystem

Topics	• The Google Cloud AI advantage • The foundation layer: Gemini models and capabilities • The application layer: Daily tools and research assistance • The customization layer: Agent Platform Agent Builder • The trust layer: Security and governance
Objectives	• Map Google Cloud AI tools to high-value use cases.
Activities	• 5x demos

Module 03

Enterprise AI integration patterns

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| Topics | <ul style="list-style-type: none">• Integration strategy and unified interface• Integration patterns• API strategy• Integration security and governance |
| Objectives | <ul style="list-style-type: none">• Design basic AI integration patterns. |

Module 04

Enterprise AI implementation

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| Topics | <ul style="list-style-type: none">• Steps to build an enterprise AI integration strategy (Defining business goals and identifying high-impact use cases, Assessing data readiness and choosing technology, Establishing governance and developing AI)• Managing organizational change and building an AI culture |
| Objectives | <ul style="list-style-type: none">• Map Google Cloud AI tools to high-value use cases.• Develop an AI implementation roadmap. |

Module 05

Summary and quiz

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| Topics | <ul style="list-style-type: none">• Summary of key concepts |
| Objectives | <ul style="list-style-type: none">• Review key learnings and assess knowledge retention. |
| Activities | <ul style="list-style-type: none">• 1x quiz (3 questions) |

Module 06

Appendix

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| Topics | <ul style="list-style-type: none">• Cymbal companies overview• Industry spotlight: Agent capabilities• Industry spotlight: Integration patterns |
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