

PROFESSIONAL COURSE OUTLINE

Databricks

Program aligned

Generative AI Engineering with Databricks

This program is built around Databricks generative AI engineering guidance and prepares teams to create enterprise-grade generative AI applications on the Databricks platform. It covers solution design, application development, evaluation and governance, and production deployment and monitoring for real-world GenAI delivery.

Advanced AI & Machine Learning (Databricks)

Intermediate to Advanced

Databricks Data Intelligence Platform

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

3 days

CERTIFICATION

Databricks Certified
Generative AI Engineer
Associate

AUDIENCE PROFILE

Who This Program Is For

Built for data scientists, AI engineers, machine learning engineers, and related practitioners who want to build generative AI applications using Databricks capabilities and modern enterprise GenAI frameworks.

PROGRAM SUMMARY

What This Course Covers

Official Databricks generative AI engineering program covering solution design, application development, evaluation, governance, deployment, and monitoring.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

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MODULE 1

Design generative AI solution patterns

Frame enterprise generative AI use cases and solution architecture decisions using Databricks-aligned engineering patterns and platform capabilities.

- Generative AI Solution Development

2

MODULE 2

Build applications with modern GenAI components

Implement application workflows, orchestration patterns, and development practices required to build enterprise generative AI experiences.

- Generative AI Application Development

3

MODULE 3

Evaluate outputs and govern delivery

Improve confidence in GenAI systems by strengthening evaluation, governance, and responsible AI controls before broader rollout.

- Generative AI Application Evaluation and Governance

4

MODULE 4

Deploy, observe, and maintain applications

Prepare applications for production through deployment planning, monitoring, and operational support patterns on Databricks.

- Generative AI Application Deployment and Monitoring

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