

MICROSOFT OFFICIAL CURRICULUM

Microsoft

DP-3028

Implement Generative AI engineering with Azure Databricks

Official Microsoft Learn-aligned instructor-led program for Implement Generative AI engineering with Azure Databricks.

Data

Intermediate

Azure

DURATION

1 day

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

DP-3028

AUDIENCE PROFILE

Built for these roles

This course is designed for data scientists, machine learning engineers, and other AI practitioners who want to build generative AI applications using Azure Databricks. It is intended for professionals familiar with fundamental AI concepts and the Azure Databricks platform.

OVERVIEW

Executive overview

This course covers generative AI engineering on Azure Databricks, using Spark to explore, fine-tune, evaluate, and integrate advanced language models. It teaches how to implement techniques like retrieval-augmented generation (RAG) and multi-stage reasoning, as well as how to fine-tune large language models for specific tasks and evaluate their performance. Learners will also explore responsible AI practices for deploying AI solutions and how to manage models in production using LLMOps (Large Language Model Operations) on Azure Databricks.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in data scenarios
- Strengthen capability in azure scenarios
- Strengthen capability in role-based scenarios

TALK TO US

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OFFICE

DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Implement Generative AI engineering with Azure Databricks using the official Microsoft Learn outline.

Customization options

- Align labs to your production environment and platform priorities
- Add readiness reviews and instructor-led practice sessions
- Extend into project-specific architecture or delivery coaching

CURRICULUM

Curriculum roadmap

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MODULE 1

Implement Generative AI engineering with Azure Databricks

Generative Artificial Intelligence (AI) engineering with Azure Databricks uses the platform's capabilities to explore, fine-tune, evaluate, and integrate advanced language models. By using Apache Spark's scalability and Azure Databricks' collaborative environment, you can design complex AI systems.

- Get started with language models in Azure Databricks
- Implement Retrieval Augmented Generation (RAG) with Azure Databricks
- Implement multi-stage reasoning in Azure Databricks
- Fine-tune language models with Azure Databricks
- Evaluate language models with Azure Databricks
- Review responsible AI principles for language models in Azure Databricks
- Implement LLMOps in Azure Databricks

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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