

PROFESSIONAL COURSE OUTLINE

Databricks

Advanced Data Engineering with Databricks

Program aligned

This advanced program aligns to the Databricks Certified Data Engineer Professional path and focuses on production-scale engineering decisions. Teams work through streaming patterns, privacy-aware data design, performance tuning, and deployment automation practices that matter when Databricks is part of a broader enterprise platform.

Data

Advanced

Databricks Data Intelligence Platform

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

3 days

CERTIFICATION

Databricks Certified Data Engineer Professional

AUDIENCE PROFILE

Who This Program Is For

Designed for experienced practitioners who need to implement advanced data engineering patterns on Databricks across streaming, privacy, optimization, and deployment automation.

PROGRAM SUMMARY

What This Course Covers

Advanced Databricks engineering program aligned to professional-level data engineering capabilities across streaming, privacy, optimization, and asset-bundle deployment practices.

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.

TRAINING PROVIDER

VNode ITeS


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MODULE 1

Streaming and declarative pipeline design

Advance from batch-oriented engineering into streaming and continuously managed data pipelines using Databricks-native capabilities for scalable operations.

- Databricks Streaming and Delta Live Tables

2

MODULE 2

Privacy-aware data engineering practices

Address sensitive data handling, access separation, and governance considerations for enterprise data products and regulated environments.

- Databricks Data Privacy

3

MODULE 3

Performance engineering on the Databricks platform

Improve workload speed, cost efficiency, and runtime behavior by applying proven Databricks performance optimization patterns.

- Databricks Performance Optimization

4

MODULE 4

Deployment automation for production platforms

Package and promote Databricks assets more consistently across environments using asset bundles and disciplined deployment workflows.

- Automated Deployment with Databricks Asset Bundles

SCHEDULE A SESSION

Ready to run this program with your team?

[Book a Discovery Call](#)

Get in touch to discuss delivery format, timeline, and team size. This outline can be customised to your platform priorities and role mix.

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