PROFESSIONAL COURSE OUTLINE

Platform Architecture with Databricks

Databricks

Program aligned

This architecture-focused program helps platform and cloud teams make better enterprise design decisions for Databricks adoption. It covers workspace and environment topology, security and governance boundaries, networking choices, CI/CD implications, and operational ownership patterns across a broader lakehouse platform.

Cloud | Advanced | Databricks Data Intelligence Platform

PROGRAM CODE	DELIVERY	DURATION	CERTIFICATION
Program aligned	Virtual, On-site, or Hybrid	2 days	Databricks architecture-aligned learning plan

AUDIENCE PROFILE

Who This Program Is For

Built for architects and platform owners who need a more scalable and supportable Databricks enterprise architecture.

PROGRAM SUMMARY

What This Course Covers

Architecture-focused Databricks program for designing scalable workspace topology, governance boundaries, networking patterns, and platform operating models.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for yourteam'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.

VNode ITeS

Plan the next session

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

TALK TO US

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1

MODULE 1

Design Databricks workspace architecture

Shape enterprise topology and environment patterns that support both scale and governance across Databricks adoption.

- Workspace topology and environment strategy

2

MODULE 2

Plan security and networking architecture

Connect networking, identity, and access decisions to a realistic Databricks platform architecture.

- Networking, identity, and security architecture

3

MODULE 3

Set governance and engineering standards

Define the governance boundaries and operating standards that let teams use Databricks without uncontrolled platform sprawl.

- Governance boundaries and platform standards

4

MODULE 4

Operationalize platform rollout

Apply environment-promotion, CI/CD, and support-model decisions that make the platform sustainable beyond initial deployment.

- CI/CD, operations, and platform rollout design