

MICROSOFT OFFICIAL CURRICULUM

Databricks

Data Architecture with Databricks

Program aligned

Databricks architecture program focused on medallion design, domain modeling, governance-aware data products, serving patterns, and lakehouse architecture decisions.

Data

Advanced

Databricks Data Intelligence Platform

DURATION

2 days

LEVEL

Advanced

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

**Databricks
architecture-aligned
learning plan**

AUDIENCE PROFILE

Built for these roles

Built for data architects who need to make reusable platform and lakehouse design decisions on Databricks.

OVERVIEW

Executive overview

This program is designed for architects shaping enterprise data foundations on Databricks. It focuses on data-domain design, medallion architecture, governance-aware modeling, serving patterns for analytics and AI, and the architectural trade-offs that influence long-term scalability and maintainability.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Design stronger lakehouse and medallion architecture patterns
- Align data-product structure with governance and ownership boundaries
- Make better serving, warehousing, and analytics architecture decisions on Databricks
- Improve long-term architectural consistency for Databricks data platforms

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Helps teams design more durable lakehouse architectures by aligning storage, modeling, governance, and serving decisions with real Databricks platform capabilities.

Customization options

- Use your data-domain model and platform constraints
- Add analytics-serving and BI consumption architecture
- Extend into data-product ownership, stewardship, and governance rollout decisions

TRAINING PROVIDER

VNode ITeS


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CURRICULUM

Curriculum roadmap

1

MODULE 1

Define lakehouse architecture foundations

Set the structural patterns and medallion design choices that shape how data moves and matures across the platform.

- Lakehouse and medallion architecture design

2

MODULE 2

Model data with governance in mind

Align data structures, ownership boundaries, and governance capabilities to support trusted and reusable data assets.

- Modeling, governance, and Unity Catalog patterns

3

MODULE 3

Design serving and data-product layers

Connect architecture decisions to how analytics, BI, and AI consumers will use governed data products on Databricks.

- Serving-layer and data-product architecture

4

MODULE 4

Standardize architecture for broader adoption

Build the standards that help engineering and analytics teams deliver more consistently on a shared Databricks foundation.

- Architecture standards for analytics and AI workloads

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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