

MICROSOFT OFFICIAL CURRICULUM

Databricks

Data Warehousing with Databricks

Program aligned

Databricks warehousing program focused on SQL warehouse usage, serving-layer design, performance, dimensional modeling, and AI/BI delivery patterns.

Data

Intermediate

Databricks SQL

DURATION

2 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Databricks data warehousing learning plan

AUDIENCE PROFILE

Built for these roles

Built for teams that need warehouse-style analytics delivery on Databricks without falling back to legacy platform assumptions.

OVERVIEW

Executive overview

This program focuses on delivering warehouse-style analytics on Databricks. Teams learn how to design serving layers, model data for reporting and BI use cases, improve SQL and warehouse performance, and support governed analytics delivery through Databricks SQL and AI/BI capabilities.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Design serving-layer and warehouse-style patterns on Databricks
- Model data for performant BI and reporting use cases
- Improve SQL warehouse performance and governed analytics access
- Support AI/BI and semantic delivery with stronger warehousing discipline

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Helps analytics teams build stronger warehouse-style delivery on Databricks with better modeling, performance, governance, and BI consumption design.

Customization options

- Map the workshop to your reporting and semantic-model requirements
- Add dashboard modernization and BI migration patterns
- Extend into governance, cost control, and workload-isolation decisions for Databricks SQL

TRAINING PROVIDER


VNode ITeS

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CURRICULUM

Curriculum roadmap

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MODULE 1

Start with Databricks SQL warehouse fundamentals

Understand the SQL, compute, and access model needed for warehouse-style analytics delivery on Databricks.

- Databricks SQL and warehouse foundations

2

MODULE 2

Design serving and dimensional layers

Create analytics-friendly structures and warehouse-serving patterns that support reporting and business consumption.

- Serving-layer and dimensional modeling patterns

3

MODULE 3

Improve warehouse performance and governance

Balance performance, cost, and access-control decisions for repeatable SQL warehouse operations.

- Performance, governance, and workload design

4

MODULE 4

Deliver business-ready AI/BI experiences

Support downstream dashboard and analytics experiences with stronger BI-oriented Databricks delivery patterns.

- AI/BI and dashboard delivery patterns

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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