

## PROFESSIONAL COURSE OUTLINE

Databricks

# Data Warehousing with Databricks

Program aligned

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.

Data

Intermediate

Databricks SQL

## PROGRAM CODE

Program aligned

## DELIVERY

Virtual, On-site, or Hybrid

## DURATION

2 days

## CERTIFICATION

Databricks data warehousing learning plan

## AUDIENCE PROFILE

## Who This Program Is For

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

## PROGRAM SUMMARY

## What This Course Covers

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

## 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.

1

## 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



### Plan the next session

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

## TALK TO US

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## 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

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