

Seamlessly migrate your workloads to Azure Databricks

Course Overview

Duration - 8 Hours | Level - Intermediate

Azure Databricks is a unified, open analytics platform designed to build, deploy, share, and maintain enterprise-grade data, analytics, and AI solutions at scale. This course provides a comprehensive exploration of data engineering and data warehousing with Azure Databricks, equipping you with the skills to process and manage large-scale data efficiently. You will learn the best practices for migrating workloads to Azure Databricks, ensuring seamless scalability, security, and performance in your cloud-based data infrastructure.

Course Modules

Day 1

Module 1 - Introduction to Azure Databricks

Azure Databricks: A Data Intelligence Platform

Key Differences: Azure Databricks vs. Databricks

Decision guide: Azure Databricks vs. Microsoft Fabric

Module 2 - Microsoft Cloud Adoption Framework for Azure

Business and technical strategies

Actionable adoption plans

Prepare your cloud environment

Migrate and modernize existing workloads

Secure, govern and manage

Hands on labs

End-to-End Streaming Pipeline with DLT in Azure Databricks

Day 2

Module 3 - Migration to Azure Databricks

Migration strategies

Data landing zones

Module 4 - Migration scenarios

Migrate Data Warehouse to Azure Databricks Lakehouse

Convert Parquet data lake to Delta Lake

Migrate ETL pipelines to Azure Databricks

Adapt existing Apache Spark code to Azure Databricks

Module 5 - Well-architected for Azure Databricks

Lakehouse implementation: Principles and best practices

Azure Databricks well-architected framework

Use case

Migrate from Data Warehouse to Azure Databricks