

Data Analytics with Microsoft Fabric and Databricks

Duration : 4 days(32 hours)

Content coverage :

Module 01 :

- Explore end-to-end analytics with Microsoft Fabric
- Administer Microsoft Fabric

Module 02 :

- Ingest data with Dataflows Gen2 in Microsoft Fabric
- Ingest data with Spark and Microsoft Fabric notebooks
- Use Data Factory pipelines in Microsoft Fabric

Module 03 :

- Get started with lakehouses
- Organize a Lakehouse using medallion architecture

Module 04 :

- Use Apache Spark
- Work with Delta Lake tables
- Secure a Fabric Lakehouse

Module 05 :

- Get started with data warehouses in Microsoft Fabric

- Load data into a Microsoft Fabric Data warehouse

Module 06 :

- Query a data warehouse in Fabric
- Monitor and optimize a Microsoft Fabric Data Warehouse

Module 07 :

- Getting started with Databricks
- Relational entities on Databricks
- ETL with Spark SQL
- Incremental data processing with Structured Streaming

Module 08 :

- Medallion architecture in the data Lakehouse
- Delta Live Tables
- Task orchestration with Databricks Jobs

Module 09 :

- Databricks SQL
- Productionizing dashboards and queries on Databricks SQL