

DP - 602T00 : Implement a data warehouse with Microsoft Fabric

Course Outline

Module 1: Get Started with Data Warehouses in Microsoft Fabric

- Understand data warehouses in Microsoft Fabric.
- Differentiate between a data warehouse and a data lakehouse.
- Work with data warehouses in Fabric.
- Create and manage fact tables and dimensions in a data warehouse.

Module 2: Load Data into a Microsoft Fabric Data Warehouse

- Learn various strategies to load data into a data warehouse in Microsoft Fabric.
- Build a data pipeline for loading the warehouse.
- Load data into a warehouse using T-SQL.
- Load and transform data with dataflow (Gen 2).

Module 3: Query a Data Warehouse in Microsoft Fabric

- Query a data warehouse using the SQL query editor.
- Explore the functionality of the visual query editor.
- Connect and query a data warehouse using SQL Server Management Studio.

Module 4: Monitor a Microsoft Fabric Data Warehouse

- Monitor capacity unit usage with the Microsoft Fabric Capacity Metrics app.
- Track current activity in the warehouse with dynamic management views.
- Analyze querying trends using query insights views.