



DP-602: Implement a Data Warehouse with Microsoft Fabric

Microsoft - Data & AI

- **Nível:** Intermédio
 - **Duração:** 7h
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Sobre o curso

Explore o processo de warehousing de dados e aprenda a carregar, monitorizar e consultar uma warehouse no Microsoft Fabric.

O presente workshop auxilia na preparação para o exame DP-600: Implementing Analytics Solutions Using Microsoft Fabric (beta).

Destinatários

Profissionais que pretendam implementar um data warehouse com recurso ao Microsoft Fabric

Objetivos

Os participantes aprenderão a:

- Dar os primeiros passos em data warehouses no Microsoft Fabric
 - Carregar dados num data warehouse do Microsoft Fabric
 - Consultar um data warehouse no Microsoft Fabric
 - Monitorizar um data warehouse do Microsoft Fabric
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Pré-requisitos

Os participantes deverão estar familiarizados com terminologia e conceitos básicos de dados.

Programa

- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with data warehouses in Microsoft Fabric
- Load data into a Microsoft Fabric data warehouse

- Query a data warehouse in Microsoft Fabric
- Monitor a Microsoft Fabric data warehouse
- Secure a Microsoft Fabric data warehouse

Introduction to end-to-end analytics using Microsoft Fabric

- Explore end-to-end analytics with Microsoft Fabric
- Data teams and Microsoft Fabric
- Enable and use Microsoft Fabric

Get started with data warehouses in Microsoft Fabric

- Understand data warehouse fundamentals
- Understand data warehouses in Fabric
- Query and transform data
- Prepare data for analysis and reporting
- Secure and monitor your data warehouse

Load data into a Microsoft Fabric data warehouse

- Explore data load strategies
- Use data pipelines to load a warehouse
- Load data using T-SQL
- Load and transform data with Dataflow Gen2

Query a data warehouse in Microsoft Fabric

- Query data
- Use the SQL query editor
- Explore the visual query editor
- Use client tools to query a warehouse

Monitor a Microsoft Fabric data warehouse

- Monitor capacity metrics
- Monitor current activity
- Monitor queries

Secure a Microsoft Fabric data warehouse

- Explore dynamic data masking
- Implement row-level security
- Implement column-level security
- Configure SQL granular permissions using T-SQL