



Implement a Data Warehouse with Microsoft Fabric (DP-602)

Description

Understanding the challenges of the modern data warehouse

Effective data management has become a top priority for companies. Mastering modern tools ensures better use of information. The training course “Implementing a Data Warehouse with Microsoft Fabric (DP-602)” offers a structured, technical, and hands-on approach to meet this need.

With this training, you will discover the fundamentals of data warehousing and learn how to implement it in a complete, integrated environment. You will explore the essential features of Microsoft Fabric to design, load, secure, query, and monitor a data warehouse. Each module is designed to help you build your skills in a progressive and practical way.

A complete platform for your data projects

Based on practical cases, demonstrations, and exercises, this course will help you approach your data projects with more rigor and autonomy. Thanks to Microsoft Fabric, you gain productivity while meeting security and quality requirements.

Course Content

Module 1: Getting Started with Data Warehouses in Microsoft Fabric

- Understand the basics of a data warehouse
- Understand data warehouses in Fabric
- Query and transform data
- Prepare data for analysis and reporting
- Secure and monitor your data warehouse
- Analyze data in a data warehouse

Module 2: Loading Data into a Microsoft Fabric Data Warehouse

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

- Load data into a warehouse in Microsoft Fabric

Module 3: Querying a Data Warehouse in Microsoft Fabric

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

Module 4: Monitoring a Microsoft Fabric Data Warehouse

- Monitor capacity metrics
- Monitor current activity
- Monitor queries
- Monitor a data warehouse in Microsoft Fabric

Module 5: Securing a Microsoft Fabric Data Warehouse

- Discover dynamic data masking
- Implement row-level security
- Implement column-level security
- Configure granular SQL permissions using T-SQL
- Secure a warehouse in Microsoft Fabric

Documentation

- Digital course material included

Participant profiles

- Data Analyst
- Data Engineer

Prerequisites

- Master data terminology and fundamental concepts.

Objectives

- Master data warehouses in Microsoft Fabric
- Query and transform data efficiently
- Prepare data for analysis and reporting
- Load data with pipelines and T-SQL
- Secure and monitor your data warehouse
- Use client tools and query editors to query data

Description

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Niveau

Fondamental

Classroom Registration Price (CHF)

900

Virtual Classroom Registration Price (CHF)

850

Duration (in Days)

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Reference
DP-602