ITTcert
BY ORSYS

Course : Microsoft Fabric Data Engineer (Microsoft DP-700)

DP-700 official course, exam preparation

Practical course - 4d - 28h00 - Ref. DP7
Price : 2790 € E.T.

NEW

With this training course, you'll learn how to implement data engineering solutions using Microsoft Fabric. You'll discover how to design and develop efficient data loading models, suitable data architectures and effective orchestration processes.

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✅ Data engineering with Microsoft Fabric
- ✅ Implementing a Lakehouse with Microsoft Fabric
- ✅ Implement real-time intelligence with Microsoft Fabric
- ✅ Implementing a data warehouse with Microsoft Fabric
- ✅ Managing a Microsoft Fabric environment

Intended audience
Experienced data professionals proficient in data integration and orchestration.

Prerequisites
Expérience dans la manipulation et la transformation de données avec l'un des langages de programmation suivants : Structured Query Language (SQL), PySpark ou Kusto Query Language (KQL).

Practical details
Teaching methods
Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

1. Data engineering with Microsoft Fabric

- Data engineering with Dataflows Gen2 in Microsoft Fabric.
- Orchestrate processes and data movement with Microsoft Fabric.
- Get started with real-time intelligence in Microsoft Fabric.
- Use real-time event streams in Microsoft Fabric.
- Working with real-time data in a Microsoft Fabric Eventhouse.

2. Implementing a Lakehouse with Microsoft Fabric

- Introduction to end-to-end analytics with Microsoft Fabric.
- Introduction to lakehouses in Microsoft Fabric.
- Using Apache Spark in Microsoft Fabric.
- Working with Delta Lake tables in Microsoft Fabric.
- Data engineering with Dataflows Gen2 in Microsoft Fabric.
- Orchestrate processes and data movement with Microsoft Fabric.
- Organize a Lakehouse Fabric using the medallion architecture design.

3. Implement real-time intelligence with Microsoft Fabric

- Introduction to real-time intelligence in Microsoft Fabric.
- Use real-time event streams in Microsoft Fabric.
- Working with real-time data in a Microsoft Fabric eventhouse.
- Create real-time dashboards with Microsoft Fabric.

4. Implementing a data warehouse with Microsoft Fabric

- Introduction to end-to-end analytics with Microsoft Fabric.
- Introduction to data warehouses in Microsoft Fabric.
- Load data into a Microsoft Fabric data warehouse.
- Querying a data warehouse in Microsoft Fabric.
- Supervise a Microsoft Fabric data warehouse.
- Securing a Microsoft Fabric data warehouse.

5. Managing a Microsoft Fabric environment

- Implement continuous integration and deployment (CI/CD) in Microsoft Fabric.
- Superviser les activités dans Microsoft Fabric.
- Securing data access in Microsoft Fabric
- Administer a Microsoft Fabric environment.

Options

Certification : 200 € HT

This course prepares you to take the Microsoft Certified: Fabric Data Engineer Associate certification exam.

[Comment passer votre examen ?](#)

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.