Course : Implement analytics solutions using Microsoft Fabric (Microsoft DP-600)

Official DP-600 Course: Exam Preparation

Practical course - 4d - 28h00 - Ref. MD6
Price : 2890 € E.T.

NEW

In this training course, you will learn how to prepare, transform, and make data available for analysis in Microsoft Fabric. You will discover how to design data models, create optimized semantic models, and apply best practices for security and governance.

Teaching objectives

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

- Understanding Microsoft Fabric Architecture and Services
- Prepare and process data for analysis
- Design data models tailored to business needs
- Create and optimize semantic models for reporting
- Securing and Managing Data in a Fabric Environment

Intended audience

Data professionals who want to design, manage, and optimize analytics solutions using Microsoft Fabric.

Prerequisites

Experience in data modeling, transformation, and analysis, as well as knowledge of SQL or DAX. Experience with Power BI is recommended.

Course schedule

1 Explore Analytics Data Stores in Microsoft Fabric

- Introduction to End-to-End Analytics with Microsoft Fabric.
- Discover and connect to data in OneLake.
- Getting Started with Lakehouses in Microsoft Fabric.
- Getting Started with Data Warehouses in Microsoft Fabric.
- Getting Started with Real-Time Intelligence in Microsoft Fabric.

PARTICIPANTS

Data professionals who want to design, manage, and optimize analytics solutions using Microsoft Fabric.

PREREQUISITES

Experience in data modeling, transformation, and analysis, as well as knowledge of SQL or DAX. Experience with Power BI is recommended.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.
Assessment by the participant, at the end of the training course, of the skills acquired during the training course.
Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.
At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.
An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

2 Designing and Transforming Analytical Data in Microsoft Fabric

- Select data stores in Microsoft Fabric.
- Design dimensional models for analytics in Microsoft Fabric.
- Transform data using Gen2 Dataflows in Microsoft Fabric.
- Transform data using notebooks in Microsoft Fabric.
- Transform data using T-SQL in Microsoft Fabric.

3 Designing and Managing Semantic Models in Microsoft Fabric

- Create DAX calculations in semantic models.
- Designing Scalable Semantic Models in Microsoft Fabric.
- Optimize the performance of semantic models.
- Implement security for semantic models.
- Manage the development lifecycle of semantic models.

4 Preparing Analytics Data for AI in Microsoft Fabric

- Prepare the semantic layer for AI in Microsoft Fabric.
- Understand the fundamentals of Microsoft Fabric IQ.
- Create an ontology with Fabric IQ.

5 Securing and Governing Analytical Data in Microsoft Fabric

- Securing Data Access in Microsoft Fabric.
- Securing a Microsoft Fabric data warehouse.
- Data Governance in Microsoft Fabric with Purview.
- Managing Analytical Data in Microsoft Fabric.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

Options

Certification : 190 € H.T.

Microsoft Certified: Fabric Analytics Engineer Associate (DP-600)
Comment passer votre examen ?

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Dates and locations

REMOTE CLASS
2026 : 15 Dec.

2027 : 23 Mar., 29 June, 21 Sep., 14 Dec.

PARIS LA DÉFENSE
2026 : 8 Dec.

2027 : 16 Mar., 22 June, 14 Sep., 7 Dec.