Course : Prepare and visualize data with Microsoft Power BI (Microsoft DP-605)

Official Course DP-605

Practical course - 1d - 7h00 - Ref. DP6
Price : 870 € E.T.

NEW

In this training course, you'll learn how to transform your raw data into clear, interactive reports that support decision-making. You'll discover how to easily connect your data sources, ensure the reliability and structure of your information, and then create impactful visualizations using Power BI.

Teaching objectives

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

- Sign in and import data from various sources into Power BI.
- Prepare and transform data with Power Query.
- Design a data model optimized for analysis.
- Create interactive reports and dashboards in Power BI.
- Use Copilot and Power BI's advanced features to make data analysis easier.

Intended audience

Professionals who want to turn data into interactive reports using Power BI.

Prerequisites

Familiarity with data and analytics concepts. Completion of the "Get Started with Microsoft Data Analytics" module (recommended). Good written English skills.

Practical details

Teaching methods

The instructor assesses the participant's learning progress throughout the training using multiple-choice questions, role-playing exercises, hands-on activities, and other methods. The participant also completes a placement test before and after the training to validate the skills acquired.

Course schedule

PARTICIPANTS

Professionals who want to turn data into interactive reports using Power BI.

PREREQUISITES

Familiarity with data and analytics concepts. Completion of the "Get Started with Microsoft Data Analytics" module (recommended). Good written English skills.

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.

1 Getting Started with Power BI and Connecting to Data

- Explore the Power BI ecosystem and its components.
- Understanding Data Flow in Power BI.
- Connect to various data sources.
- Import data from Excel, relational databases, and online services.
- Choose an appropriate storage method.
- Resolve import and performance issues.

2 Data Preparation and Modeling

- Clean, transform, and load data using Power Query.
- Correct inconsistencies and improve data quality.
- Work with columns, data types, and table structures.
- Merge and transform queries.
- Design a semantic model.
- Create relationships, hierarchies, and measures.

3 Power BI Report Creation and Design

- Design interactive and visually effective reports.
- Organize the report pages.
- Use visualizations that are appropriate for the data.
- Configure filters, segments, and interactions.
- Creating dashboards that support decision-making.
- Share and publish Power BI reports.

4 Productivity and Advanced Analytics with Copilot and Microsoft Fabric

- Use Copilot in Power BI to speed up report creation.
- Interact with data using natural language.
- Prepare the models for AI.
- Discover Microsoft Fabric and end-to-end analytics.
- Understanding how Power BI fits into the Microsoft ecosystem.

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.

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Dates and locations

REMOTE CLASS
2026 : 11 Dec.

2027 : 31 Mar., 26 May, 30 June, 1 Sep., 3 Nov., 2 Dec.

NANTES
2027 : 31 Mar., 30 June, 1 Sep., 2 Dec.

PARIS LA DÉFENSE
2027 : 31 Mar., 26 May, 30 June, 1 Sep., 3 Nov., 2 Dec.

LYON
2027 : 31 Mar., 30 June, 1 Sep., 2 Dec.