

Prepare and visualize data with Microsoft Power BI (DP-605T00)

Duration: 1 day

Audience: Professionnel TI|Analyste de données

Who is this training for?

This course is intended for professionals interested in transforming data into interactive reports using Power BI to deliver insights and support decision-making. No prior experience with Power BI is required.

Training objectives

By the end of this course, students will be able to:

- Connect to data sources
- Clean and transform data
- Visualize data in a report

Summary

This course is designed as an introduction to Power BI for data analysis and reporting. Skills include connecting to data and basic data preparation tasks using Power Query, designing report pages for optimal user experience, and exploring how Copilot in Power BI aids the report development process.

Course outline

Learning Path 1: Prepare and visualize data with Microsoft Power BI

- Module 1: Get started building with Power BI
- Module 2: Get data in Power BI
- Module 3: Clean, transform, and load data in Power BI
- Module 4: Configure a semantic model
- Module 5: Design Power BI reports

- Module 6: Get started with Copilot in Power BI
- Module 7: Introduction to end-to-end analytics using Microsoft Fabric

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually learn how to connect, prepare, and visualize data in Microsoft Power BI through hands-on exercises inspired by real-world business scenarios, promoting immediate application of the learnings. They learn how to transform data with Power Query, build semantic models, and create interactive reports that support analysis and decision-making. Led by a Microsoft Certified Trainer (MCT), the training focuses on interactivity and the development of directly transferable skills to effectively use Power BI in a professional context.

Prerequisites

Students should have the following knowledge and experience before attending this course:

- Familiarity with data manipulation concepts.
- Some experience with data analysis.
- Strong proficiency with Microsoft Excel.
- Familiarity with reporting and business intelligence tools.
- Comfort using desktop applications, including both graphical user interfaces (GUI) and code-based environments.
- Ability to navigate and use web-based platforms.

Recommendations

Take the Getting Started with Microsoft Data Analytics or equivalent course