Power BI – Dashboard Implementation and Best Practices

Description

A training focused on hands-on practice and real-world scenarios

Have you used Power BI before and now want to go further? This two-day course is designed for professionals who want to become fully autonomous in creating visual and dynamic reports. Through a structured and progressive approach, you will learn how to build clear and relevant dashboards using real data. You'll discover how to organize information, apply visualization best practices, and respond effectively to your business needs.

This course focuses on the essential and practical aspects of Power BI. It does not delve into DAX programming or advanced administration, but instead guides you in using Power BI in a concrete way for your day-to-day projects. With hands-on exercises and a final guided project, you will be able to analyze data, format it, and share your insights with your teams.

Learn how to build effective dashboards

You'll learn how to connect Excel or CSV files, clean data with Power Query, choose the right types of charts, and build interactive reports. You'll also understand how to structure your data and collaborate efficiently across your organization. Each module is based on real-world business use cases, allowing you to immediately apply what you learn.

Course Content
Module 1: Introduction to the Power BI interface

- Overview of the Power BI Desktop interface
- Key components: Report, Data, and Model views
- Navigation tips and keyboard shortcuts

Module 2: Data import and preparation techniques

- Importing data from Excel, CSV, and other sources
- Using Power Query for cleaning and transformation
- Data types and handling missing values

Module 3: Creating visualizations

- Types of visualizations: bar charts, pie charts, tables, maps
- Customization and visual formatting
- Using themes and color palettes

Module 4: Building interactive reports

- Adding and configuring slicers and filters
- Creating interactive reports
- Implementing drill-through navigation

Module 5: Fundamentals of data modeling

- Understanding relationships between tables
- Creating and managing relationships
- Using the Data Model view

Module 6: Sharing and collaboration on reports

- Exporting and publishing reports
- Sharing reports within the organization
- Best practices for collaborative reporting

Module 7: Dashboard design best practices

- Principles of effective dashboard design
- Organizing visual elements
- User-friendly navigation

Module 8: Practical project

- Combining multiple datasets
- Creating a real-world report or dashboard
- Project presentation and feedback

Documentation

- Digital course materials included

Participant profiles

- Business analysts
- Financial controllers
- Project managers
- Occasional Power BI users
- Reporting specialists

Prerequisites

- Understand the basics of Excel or CSV files
- Know simple data types and structures
- Have initial experience with Power BI
- Or have completed the Power BI – Data Fundamentals and Visualizations course

Objectives

- Master the Power BI Desktop interface
- Import and transform data using Power Query
- Create clear and effective visualizations
- Design interactive reports with filters and slicers
- Structure data using basic modeling
- Share reports within the organization
- Apply best practices in dashboard design
- Complete a practical project based on real business use cases

Description
Power BI training - Dashboard Implementation and Best Practices
Niveau

Intermédiaire
Classroom Registration Price (CHF)
1750
Virtual Classroom Registration Price (CHF)
1650
Duration (in Days)
2
Reference
MPB-22