



Power BI Training

Create Interactive Dashboards
and Analyze Your Data in
Real Time

Target Audience



Any professional wishing to go beyond the basics of PowerBI

Prerequisites



- Basic knowledge of PowerBI recommended
- No mandatory technical prerequisites

Objectives



- Import data from various sources (Excel, Web, databases, etc.)
- Clean and transform data using Power Query
- Build a solid data model and manage table relationships
- Create measures and columns using the DAX language
- Design interactive visual reports and publish them
- Automate dashboard updates

Duration



6 days – 42 hours

Teaching Methods



- Alternating practical exercises and theoretical input
- Training led by an expert instructor
- Digital materials provided

Assessment



- Evaluation at the beginning and end of the training
- Preparation for PowerBI certification (optional)
- Certificate of completion



Program

1. Introduction & Data Importing

- Overview of tools: Power BI Desktop, Service, Mobile
- Connecting to multiple sources: Excel, CSV, databases, Web
- Introduction to Power Query
- Creating and managing relationships between tables

2. Transformation with Power Query

- Cleaning and shaping data (transpose, merge, filters, etc.)
- Creating custom columns, handling duplicates
- Data quality profiling

3. Modeling & DAX

- Introduction to DAX language
- Creating measures, calculated columns
- Complex relationships, Time Intelligence, filter context
- Best modeling practices and naming conventions

4. Visualization & Publishing

- Using the Power BI visuals library
- Building interactive reports with slicers, filters, and pages
- Publishing to PowerBI.com, workspace management
- Collaborative sharing and automatic data refresh