

The Most Comprehensive Power BI Training

Introduction to the Power BI Training

Review of Power BI Fundamentals

- Power BI Desktop principles and workflow
- Connecting to data with Power BI
- Preparing data in the Power Query editor
- Transformations in the Power Query editor
- Creating folders / organizing in Power BI
- Merging / combining queries in Power BI
- Hands-on workshop: transforming imported data

Importing a Pivot Table (Excel)

- Removing totals
- Merging cells
- Unpivoting columns

Modeling in Power BI

- Relationships
- Option configurations
- Understanding cardinality

Data Model in Power BI

- Flat table
- Star schema
- Relational model
- Table layout
- Workshop: create a star schema from an Excel file
- Workshop: manage a relational model in Power BI

Date Table (Calendar) in Power BI

- Why add a date table
- Create a date table in DAX
- Configure the date table in DAX
- Sort columns
- Mark as date table
- Manage multiple date columns

DAX Data

- Introduction to DAX
- Measures and columns
- DAX formulas

Visualization in Power BI

- Principles of Power BI visualization
- Creating visuals
- Creating a report – ergonomics
- Creating a report – setup
- Histograms
- Line charts
- Pie charts
- Simple table
- Conditional formatting
- Creating a matrix (pivot table)
- Interaction between visuals / customization