

PWR-303-365

LEVERAGE YOUR DATA WITH POWER BI



Objectives

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

- Describe the applications of Power Bi and its main features
- Import and Connect Data
- Model and Visualize Data
- Publish, share and collaborate on reports

Practical information

Duration	3 hours
Level	Advanced
Number of participants	7 participants
Languages taught	English - French

Prerequisites

Advanced Excel knowledge and preferably have completed the PWR-301 and PWR-302 workshops or have equivalent knowledge.

Target audience

Managers and administrative staff

Content

Module 1 – Describe the features of Power BI

- Define Power BI concept
 - What is Data and Analytics?
 - What is Power BI?
 - Distinguish specific terminology (Appendix)
- Navigate the Power BI Desktop interface
- Distinguish categories of users (To be validated)
- Principles and work cycle

Module 2 – Connect Data

- Define the concept of Power BI
- Differentiate connection types (Import, Flat file, Database, Other sources)
- Clean data (use Power Query)
 - Delete command
 - Change Data Type
 - Replace
 - Add Column or from Example
 - Split
 - Use Filters to Analyze Data

- Create relationships between tables (understand cardinalities and relationship type)
- Use Data Analysis Expressions (DAX) functions
- Aggregate vs. iterative function

Module 3 – Visualize Data

- Create Reports (Report Cycle)
- Power BI visuals
 - Graphics
 - Map
 - Table
 - Choropleth map
 - Segment

Module 4 – Publish Data

- Describe Power BI Service (cloud)- Pro/ Premium license
- Publish reports and dashboards to the Power BI service
- Share data and manage permission and data security

Included with your training



Complete guide with step-by-step explanations



Exercise worksheets seen in class



Training Certificate



Recognition badge shareable on your LinkedIn profile



Post-training follow-up offered for 6 months