Power BI Dashboards Masterclass

(4 Hours)

Overview

This Power BI course is designed for professionals and data enthusiasts who want to deepen their knowledge and skills in data modelling, data analysis expressions (DAX), and advanced visualization techniques. Participants will learn how to transform, and model data, create advanced DAX measures and calculated columns, and design sophisticated visualizations using custom and AI visuals. The course also covers advanced publishing and sharing techniques, including the concepts of implementing row-level security, and using Power BI service features. By the end of this course, attendees will be equipped with the expertise to create complex, interactive, and impactful Power BI reports and dashboards.

Audience Pre-requisites

- Basic understanding of Power BI and its core functionalities.
- Familiarity with data concepts and experience in using Power BI for data analysis.
- Knowledge of creating basic reports and dashboards in Power BI.
- Prior experience with DAX and data modelling in Power BI is recommended.

This course is ideal for individuals who have a foundational understanding of Power BI and are looking to improve their skills to the next level.

Course Syllabus

Module 1: Advanced Data Modelling and Exploration

- Resolving inconsistencies and data quality issues

- Merge and append queries

- Creating relationships and hierarchies

- Demo: Advanced data transformation and modelling

Module 2: Data Analysis Expressions (DAX)

- Measures and calculated columns

- Time intelligence functions

- Optimising DAX formulas

Module 3: Visualizations and Custom Visuals

- Creating and configuring custom visuals

- Using AI visualizations to uncover insights

- Formatting and Interactions

- Demo: Creating advanced reports with custom visuals

Module 4: Publish and collaborate

- Embedding reports with SharePoint, Teams, etc.

- Using Power BI service features (e.g., bookmarks, report tooltips, etc.)

- Implementing row-level security for data access control