



7123



In-Class



24 hours

### Course Description:

This 3-day instructor led course gives students the ability to add BI techniques to Excel data analysis. The course goes beyond the capabilities of tables and charts and uses Pivot Charts, the Excel Data Model, and Power BI

### Target Audience:

This course is intended for anyone responsible for analyzing data with Excel.

### Course Objectives:

After completing this course, students will be able to:

- Explore and extend a classic Excel dashboard
- Explore and extend an Excel data model
- Pre-format and import a .CSV file
- Import data from a SQL server database
- Import data from a report
- Create measures using advanced DAX functions
- Create data visualizations in Excel
- Create a Power BI dashboard with Excel

### Course Outline:

**Module 1: Data Analysis in Excel**

**Module 2: The Excel Data Model**

**Module 3: Importing data from files**

**Module 4: Importing data from databases**

**Module 5: Importing data from Excel reports**

**Module 6: Creating and formatting measures**

**Module 7: Visualizing data in Excel**

**Module 8: Using Excel with Power BI**

### Assessment and Attendance Strategy:

- Participants will be evaluated based on their participation in class discussions and individual exercises.
- Each Participant must achieve 80% attendance of the total in-class sessions

### Course Language:

- Material: English
- Instruction and Explanation: Bilingual (EN <>AR)

### Prerequisites:

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Good knowledge of Excel spreadsheets, functions, and charts
- Working knowledge of relational databases