CENTRAL BANK OF EGYPT
Egyptian Banking Institute

Analyzing Data with Excel

About This Course:

This section provides a brief description of the course, audience, suggested prerequisites, and course objectives.

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.

Student 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

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 Outlines:

- **Module 1:** 'Data Analysis in Excel' explains how to explore and expand a classic Excel dashboard.
- **Module 2:** 'The Excel Data Model' explains how to explore and extend an Excel data model.
- **Module 3:** 'Importing data from files' describes how to pre-format and import a .CSV file.
- **Module 4:** 'Importing data from databases' describes how to import data from a SQL Server database.
- **Module 5:** 'Importing data from Excel reports' describes how to import data from a report.
- **Module 6:** 'Creating and formatting measures' describes how to create and format measures.
- **Module 7:** 'Visualizing data in Excel' describes how to create and format measures.
- **Module 8:** 'Using Excel with Power BI' describes how to use 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:

Bilingual

HOTLINE
15200
One number to better serve you!

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