20779: Analyzing Data with Excel

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Live Training
- **Data:** 11 Out. 2021 a 13 Out. 2021
- **Preço:** 1180€
- **Horário:** Laboral - das 9h00 às 17h00
- **Duração:** 21 horas

The main purpose of the course is to give 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.

The 70-779 certification exam retires on January 31, 2021

Destinatários

- This course is intended for students who are experienced with analyzing data with Excel and who wish to add BI techniques.
- The course will likely be attended by SQL Server report creators who are interested in alternative methods of presenting data.

Pré-requisitos

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of relational databases.
- Extensive knowledge of Excel spreadsheets including formulas, charts, filtering, sorting, and sub-totals.
- Basic knowledge of data analytics equivalent to having attended course 10994.

Objectivos

- 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.

Programa

Data Analysis in Excel

- Classic Data Analysis with Excel
- Excel Pivot Tables
- Limitations of Classic Data Analysis
- Lab : Building a Classic Excel Dashboard
- Formatting Data
- Building a Pivot Table
- Adding pivot charts and a slicer

The Excel Data Model

- Using an Excel Data Model
- DAX
- Lab : Explore an Excel Data Model
- Create Calculated Columns
- Format Data Model Data
- Create Measures
- Analyze the Data

Importing Data from Files

- Importing Data into Excel
- Shaping and Transforming Data
- Loading Data
- Lab : Importing Data from a CSV File
- Import and Transform Data from a CSV File
- Add Data from a Folder

Importing Data from Databases

- Available Data Sources
- Previewing, Shaping, and Transforming Data
- Table Relationships and Hierarchies
- Loading Data
- Lab : Import Data from Multiple Sources
- Import Data from SQL Server
- Import Data from a CSV File

- Create a Data Table

Importing Data from Excel Reports

- Importing Data from Excel Reports
- Transforming Excel report Data
- Lab : Importing Data from a Report
- Import Data from Excel
- Transform the Excel Data
- Load the Data into an Excel Data Model

Creating and Formatting Measures

- DAX
- Measures
- Advanced DAX Functions
- Lab : Creating Measures using Advanced DAX Functions
- Last year comparison
- Year to date
- Market Share

Visualizing Data in Excel

- Pivot Charts
- Cube Functions
- Charts for Cube Functions
- Lab : Data Visualization in Excel
- Create a Tabular Report
- Create a Pivot Chart
- Add Slicers to Charts

Using Excel with Power BI

- Power BI
- Uploading Excel Data to Power BI
- Power BI Mobile App
- Lab : Creating a Power BI Dashboard with Excel
- Uploading Excel Data
- Creating a Power BI Dashboard
- Using Power BI desktop

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