Data analysis with PowerPivot Excel 2013

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BPC-136   2 Days (14 Hours)

Description

PowerPivot is the BI tool integrated into Excel 2013 allowing you to go beyond the limits of the spreadsheet and analyze large volumes of data (OLAP cubes, data warehouses, flat files and Excel tables). In this internship, you will learn how to extract data, manipulate it, and present it with PowerPivot.

Who is this training for ?

For whom

Any Excel user who needs to analyze and synthesize data.

Prerequisites

Good knowledge of Excel or equivalent to Excel Level 1 courses. Basic knowledge of relational DBMS.

Training objectives

- Connect to various data sources (OLAP cubes, data warehouses, flat files and Excel tables)
- Associate tables from different sources to make coherent sets
- Perform calculations and design indicators with the DAX language
- Use Excel to design crosstabs, graphs and dashboards

Training program

Présentation de PowerPivot

- Benefits and features.
- The different versions of PowerPivot and what's new in PowerPivot 2013.
- Which data should I use with PowerPivot?
- Comment restore the data in Excel in a synthetic form?

Restitution des données : Excel comme interface

(+212) 5 22 27 99 01

(+212) 6 60 10 42 56

Contact@skills-group.com

Corner of bd Abdelmoumen and rue Soumaya, Shehrazade 3 Residence, 7th floor N° 30, Casablanca 20340, Morocco

We are at your disposal : De Lun - Ven 09h00-18h00

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- Create PivotTables and PivotCharts.
- Define measures in TCDs: functions, ratio, deviations, progression.
- Define levels of chronological grouping, define ranges of values.
- Use segments to dynamically qualify data.
- Use timelines to filter analyses.

Travailler avec des sources de données hétérogènes

- Load PowerPivot tables from Excel.
- Access relational databases: SQL Server, Access, ODBC etc.
- Manage connections and updates .
- Use the Diagram view.
- Define relationships between tables.
- Refer to another table.
- An alternative to the Search function.
- Arrange displays and create perspectives.

Calcul dans le cube

- DAX functions, Excel functions and calculation in the TCD.
- Sort and filter data.
- Organize columns and eliminate unnecessary information.
- Create calculated columns.
- Convert and format data.
- Prepare grouping levels.
- Design calculated fields.
- Carry out pre-calculated measurements.
- Implement intelligent date management.

Publication et Travail Collaboratif

- Know the publishing and sharing solutions.
- Example of Powerview reports.
- SharePoint and/or Office 365.