

## The PowerPivot 2013

Power Pivot is a relatively new tool in excel. It's related to Pivot Table, but it allows the user increased power when summarising and analysing data. It allows data to be used from external sources such as SQL servers, databases and in fact other excel workbooks.

**WHO SHOULD ATTEND:** Those who want to use Excel Power Pivot full capabilities for Business Intelligence reporting. Previous knowledge of standard Excel PivotTable features and a basic understanding of relational data sets and data normalization would be useful but not essential

**EXPERIENCE NEEDED:** After completing this course you will be able to describe the main ways to import and query data using Excel Power Pivots workbooks in Excel, to generate PivotTable and PivotChart reports and to create relationships between Power Pivot tables.

- Introduction
  - Why use Excel Power Pivots
  - Excel PowerPivot Workbooks
  - The Excel PowerPivot tab
  - Data sources
  - Relationships
- Importing Data
  - Using the Table Import Wizard
  - Import and Filter from Databases
  - Run SQL Query
  - Get Data from Files
  - Copy and Paste Data
  - Create Linked Tables
- Creating Relationships
  - Understanding relationships
  - Review existing relationships
  - Create new relationships
- Understanding DAX formulas
  - Formula basics
  - DAX Data Types
  - DAX Operators
  - Calculated Columns Examples
  - DAX Measure Examples
  - RELATED, CALCULATE functions
- Create PowerPivot Table
  - Difference between Excel PivotTable and PowerPivot PivotTables
  - Updating the table
  - Changing the table structure
  - Formatting the PivotTable
  - Creating a PivotChart
  - PivotChart Layouts
  - Changing the Chart type
  - Formatting the Chart