



PowerPivot - Excel Reporting & Analysis Essentials

This one-day hands-on, instructor led course will guide you step-by-step through how PowerPivot for Microsoft Excel makes advanced Business Intelligence available to any mainstream business user working with Excel 2010 and demonstrate where it can be used to solve different types of business reporting problems, a technology **that lets you build complex data structures and analyse them without needing to engage IT staff!**

Branded self-service Business Intelligence (BI), the course covers all the fundamentals of developing reports with PowerPivot in the real world, from the basics of how to use PowerPivot through to creating and formatting reports. The course also covers how to use PowerPivot to provide business users the ability to easily customise and create ad-hoc reports.

Who Should Attend:

The course is designed for all types of reporting users that are required to expose real-time, powerful business intelligence with PowerPivot including Information Works, Business Users, Developers and Analysts.

Course Prerequisites:

Before attending this course, participants should have:

- Experience navigating the Microsoft Windows environment
- Experience with using Microsoft Excel PivotTable and PivotChart is desirable
- General report building skills will be helpful

Course Objectives:

After completing this course, participants will be able to:

- Install PowerPivot and learn how to create an analytical database inside Excel 2010
- Import various data sources into PowerPivot
- Clean imported data
- Understand Data Modeling basics for building PowerPivot data models
- Use many of the report types in PowerPivot
- Create Slicers and Sparklines for more engaging reports
- Describe, use and apply many of the PowerPivot Expressions

Course Code: PPERAE
Course Duration: 1 Day

Course Summary

Module 1: Introduction to PowerPivot

Module 2: PowerPivot Data Sources

Module 3: Building Reports using PowerPivot

Module 4: PowerPivot Functions



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Gold Business Intelligence
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Call 1300 927 394 to register for this course today as places are strictly limited.



Course Outline

Module 1: Introduction to PowerPivot

- Understanding Corporate and Self-Service BI
- Installing the PowerPivot Add-In for Excel
- Exploring new Excel 2010 Features
- Tour of the PowerPivot User Interface
- When to use PowerPivot and its Boundaries

Module 2: PowerPivot Data Sources

- Load Data From SQL Server
- Load Data From Text Files
- Load Data via Copy and Paste
- Load Data via Data Feeds
- Load Data via Reporting Services
- Cleaning data in PowerPivot
- Create Relationships Between Data Sources
- Handle Metadata Issues and Changes

Module 3: Building Reports using PowerPivot

- Use PivotCharts
- Use Slicers
- Use Sparklines
- PowerPivot Sorting Capabilities
- PivotTable Models

Module 4: PowerPivot Functions

- Introduction to the Data Expression Language (DAX)
- Create a Time Table
- Using DATE Functions
- Using TIME INTELLIGENCE Functions
- Using STATISTICAL Functions
- Using VALUE Functions
- Using LOGICAL and INFORMATION Functions
- Using TEXT Functions



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