



## Power Pivot: Unlock the Potential of Your Data with Excel

### ► Upcoming Sessions

24-28 Jun 2024	London - UK	\$5,950
16-20 Sep 2024	Barcelona - Spain	\$5,950
25-29 Nov 2024	Dubai - UAE	\$5,950

### ► Training Details

#### TRAINING COURSE OVERVIEW

Power Pivot is a powerful data analysis and data modeling tool in Excel. In this course, you will learn how to use Power Pivot to import data from various sources, create relationships between tables, perform calculations using DAX formulas, work with dates, time intelligence, hierarchies, perspectives, and more. The **Power Pivot training course** will also teach some advanced topics and tips for optimizing your data model, using Power Query, creating KPIs, troubleshooting errors, and creating visualizations using Power View. By the end of this Anderson training course, you will be able to use Power Pivot confidently and efficiently for your own data analysis needs.

#### This Anderson training course will feature:

- Data modeling
- Data analysis
- Star and snow flake model
- Creating measures and KPIs
- Essential DAX formulae

#### TRAINING COURSE OBJECTIVES

#### By the end of this Anderson training course, participants will be able to:

- To learn the basics of Power Pivot and how it can enhance data analysis in Excel
- to create, manage, and refine data models using Power Pivot
- To learn how to use DAX formulas to perform calculations and analysis on the data model
- To learn how to work with dates, time intelligence, hierarchies, and perspectives in Power Pivot
- To learn some advanced topics and tips for using Power Pivot effectively

#### LEARNING METHODS

This Anderson training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes presentation, workshops, question and answer sessions.

### ► Training Details

## Day One: Introduction to Power Pivot

- ▶ What is Power Pivot and why use it?
- ▶ How to enable and start Power Pivot in Excel
- ▶ How to create a data model from multiple sources
- ▶ How to manage and view data in the Power Pivot window
- ▶ How to create relationships between tables
- ▶ How to use the diagram view to visualize the data model
- ▶ Exercises and examples

## Day Two: Working with Calculations and DAX

- ▶ Calculated columns and calculated fields (measures)
- ▶ When to use them and how to create them
- ▶ What is DAX and how to write basic formulas
- ▶ How to use common DAX functions and operators
- ▶ How to understand and use context and filter in DAX
- ▶ Exercises and examples

## Day Three: Working with Dates and Time Intelligence

- ▶ What are date tables and why are they important?
- ▶ How to create and use date tables in Power Pivot
- ▶ How to use time intelligence functions in DAX
- ▶ How to filter and compare data by dates
- ▶ How to create dynamic date calculations
- ▶ Exercises and examples

## Day Four: Working with Hierarchies and Perspectives

- ▶ What are hierarchies and how to create them in Power Pivot
- ▶ How to use hierarchies in PivotTables and PivotCharts
- ▶ How to drill up and down in hierarchies
- ▶ What are perspectives and how to create them in Power Pivot
- ▶ Using perspectives to focus on specific aspects of the data model
- ▶ Exercises and examples

## Day Five: Advanced Topics and Tips

- ▶ How to optimize the data model for performance and memory efficiency
- ▶ Power Query (Get & Transform) to import and transform data for Power Pivot
- ▶ How to create key performance indicators (KPIs) in Power Pivot
- ▶ How to troubleshoot common errors and issues in Power Pivot
- ▶ Interactive visualizations of the data model
- ▶ Tips and best practices for working with Power Pivot

## ▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

## ▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

Call us: +971 4 365 8363

Email: [info@anderson.ae](mailto:info@anderson.ae)

Request for a Tailor-made training and educational experience for your organization now:

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