Wise Owl Training

SSAS - Tabular Model

2 day training course





Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

Visual Studio basics

- Visual Studio windows
- Setting startup options
- Creating a project

Connecting to SQL Server

- Creating and using connections
- Filtering rows and columns

Creating a data model

- Hiding from client tools
- Renaming tables/columns
- How column storage works
- How processing works

Relationships

- Diagram view
- Creating relationships

Excel pivot tables

- Analysing data in Excel
- Connecting from Excel
- Using Excel pivot tables

Power BI Desktop overview (*)

- Importing from SSAS
- Basic visualisations
- How publishing works

Other data sources

- Linking to Excel
- Pasting in data

Calculated columns

- Using IF and SWITCH
- BLANK arithmetic
- Linking tables using RELATED

Measures

- Creating measures
- SUMX, AVERAGEX, etc.

Changing query context

- The CALCULATE function
- Using FILTER

Prototyping using PowerPivot

- Using PowerPivot
- Importing PowerPivot models into SSAS
- Constraints

Calendars

- Creating a calendar table
- Using multiple calendars

Date calculations

- Working days
- Period to date
- Prior and parallel periods
- Semi-additive measures

Hierarchies

- Creating a hierarchy
- Viewing hierarchies

KPIs

- The parts of a KPI
- Absolute and relative measures
- Creating and viewing KPIs

Perspectives

- Creating perspectives
- Using in Excel

Security (*)

- How security works
- Creating roles
- Filtering rows by role

Pre-requisites for SSAS - Tabular Model course

You should be familiar with how relational databases work to attend this course. You'll also find the course more difficult if you haven't used pivot tables in Excel.

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,525 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,150 per person + VAT
Online	Your home or office!	£995 per person + VAT

Scheduled Dates

We don’t currently have any dates scheduled for this course, but it’s always worth contacting us to see if we’ll add some. Alternatively, ask us about organizing a customized course at your office (we'll provide and set up the computers, or an online course tailored to your needs.