

SSAS - Tabular Model

Classroom or online training course 2 day course outline

This course covers the following topics (any items marked with a * 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

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works here. For more information, see https://www.wiseowl.co.uk/.