



This course covers the following topics (any items marked with a * will be covered if time allows):

Getting started <ul style="list-style-type: none">• Multidimensional vs tabular• Separate named instances	Other data sources <ul style="list-style-type: none">• Linking to Excel• Pasting in data	Date calculations <ul style="list-style-type: none">• Working days• Period to date• Prior and parallel periods• Semi-additive measures
Visual Studio basics <ul style="list-style-type: none">• Visual Studio windows• Setting startup options• Creating a project	Calculated columns <ul style="list-style-type: none">• Using IF and SWITCH• BLANK arithmetic• Linking tables using RELATED	Hierarchies <ul style="list-style-type: none">• Creating a hierarchy• Viewing hierarchies
Connecting to SQL Server <ul style="list-style-type: none">• Creating and using connections• Filtering rows and columns	Measures <ul style="list-style-type: none">• Creating measures• SUMX, AVERAGEX, etc.	KPIs <ul style="list-style-type: none">• The parts of a KPI• Absolute and relative measures• Creating and viewing KPIs
Creating a data model <ul style="list-style-type: none">• Hiding from client tools• Renaming tables/columns• How column storage works• How processing works	Changing query context <ul style="list-style-type: none">• The CALCULATE function• Using FILTER	Perspectives <ul style="list-style-type: none">• Creating perspectives• Using in Excel
Relationships <ul style="list-style-type: none">• Diagram view• Creating relationships	Prototyping using PowerPivot <ul style="list-style-type: none">• Using PowerPivot• Importing PowerPivot models into SSAS• Constraints	Security (*) <ul style="list-style-type: none">• How security works• Creating roles• Filtering rows by role
Excel pivot tables <ul style="list-style-type: none">• Analysing data in Excel• Connecting from Excel• Using Excel pivot tables	Accessing DAX queries <ul style="list-style-type: none">• From within Excel• From Reporting Services	
Power BI Desktop overview (*) <ul style="list-style-type: none">• Importing from SSAS• Basic visualisations• How publishing works	Calendars <ul style="list-style-type: none">• Creating a calendar table• Using multiple calendars	

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