

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

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

There will be no more than 6 people on the course. All of our public (scheduled) courses include lunch at a local restaurant. For more information, see www.wiseowl.co.uk/courses/ssas-tabular-analysis-services.htm.