

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

<p><b>PowerPivot data models</b></p> <ul style="list-style-type: none"> <li>• Importing SQL Server tables</li> <li>• Filtering rows/columns</li> <li>• Data and diagram view</li> <li>• Hiding from client view</li> <li>• Relationships</li> </ul> <p><b>Pivot tables using PowerPivot</b></p> <ul style="list-style-type: none"> <li>• Drill-down vs Quick Explore</li> <li>• Slicers and timelines</li> <li>• Controlling what you see</li> </ul> <p><b>Using Excel tables</b></p> <ul style="list-style-type: none"> <li>• Creating and naming tables</li> <li>• Adding to data models</li> </ul> <p><b>Using other data sources</b></p> <ul style="list-style-type: none"> <li>• Importing Access and Excel</li> <li>• Pasting from the clipboard</li> </ul> <p><b>Getting data (Power Query)</b></p> <ul style="list-style-type: none"> <li>• Querying databases</li> <li>• Web pages</li> </ul> <p><b>Transforming data (Power Query)</b></p> <ul style="list-style-type: none"> <li>• Splitting columns</li> <li>• Merging and inserting columns</li> <li>• Other transforms</li> </ul> <p><b>Calculated columns</b></p> <ul style="list-style-type: none"> <li>• Creating calculated columns</li> <li>• Using the RELATED function</li> <li>• BLANK and SWITCH</li> </ul>	<p><b>Measures</b></p> <ul style="list-style-type: none"> <li>• The all-important query context</li> <li>• Implicit calculated fields</li> <li>• AutoSum fields</li> <li>• Creating in Excel and PowerPivot</li> </ul> <p><b>DAX basics</b></p> <ul style="list-style-type: none"> <li>• The DAX Studio add-in</li> <li>• Calculating ratios</li> <li>• Aggregate X functions</li> </ul> <p><b>The CALCULATE function</b></p> <ul style="list-style-type: none"> <li>• Replacing filters</li> <li>• Using ALL</li> <li>• Using VALUES to edit filters</li> </ul> <p><b>More advanced DAX functions (*)</b></p> <ul style="list-style-type: none"> <li>• Using FILTER to filter tables</li> <li>• Ranking</li> <li>• The EARLIER function</li> </ul> <p><b>Calendars</b></p> <ul style="list-style-type: none"> <li>• Creating in Excel or SQL</li> <li>• Linking to calendars</li> <li>• Sorting months</li> <li>• Multiple date tables</li> </ul> <p><b>Date functions</b></p> <ul style="list-style-type: none"> <li>• Period to date</li> <li>• Fiscal year calculations</li> <li>• Parallel periods</li> <li>• Semi-additive measures</li> </ul> <p><b>Hierarchies</b></p> <ul style="list-style-type: none"> <li>• Creating hierarchies</li> <li>• Pros and cons</li> </ul>	<p><b>KPIs</b></p> <ul style="list-style-type: none"> <li>• Relative KPIs</li> <li>• Absolute KPIs</li> </ul> <p><b>Perspectives</b></p> <ul style="list-style-type: none"> <li>• Creating perspectives</li> <li>• Viewing parts of a model</li> </ul> <p><b>Power View</b></p> <ul style="list-style-type: none"> <li>• What Power View is</li> <li>• Why not to use it!</li> </ul> <p><b>Power BI Desktop overview</b></p> <ul style="list-style-type: none"> <li>• Importing data</li> <li>• Visualisations</li> <li>• Simple drill-down</li> <li>• Publishing dashboards</li> </ul> <p><b>Power BI Desktop maps (*)</b></p> <ul style="list-style-type: none"> <li>• Localising data</li> <li>• Types of map</li> </ul>
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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/excel-data-analysis.htm](http://www.wiseowl.co.uk/courses/excel-data-analysis.htm).