



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

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