



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

|   |   |  |
|---|---|--|
| <p><b>Column transforms</b></p> <ul style="list-style-type: none"><li>• Splitting (3 methods)</li><li>• Extracting data</li><li>• Merging columns</li></ul> <p><b>Creating columns</b></p> <ul style="list-style-type: none"><li>• Columns by example</li><li>• Custom columns in M</li><li>• Conditional columns</li><li>• Index columns</li></ul> <p><b>Combining queries</b></p> <ul style="list-style-type: none"><li>• Combining files from folders</li><li>• Merging queries</li><li>• Fuzzy merge</li><li>• Appending queries</li></ul> <p><b>Manipulation transforms</b></p> <ul style="list-style-type: none"><li>• Pivoting and unpivoting</li><li>• Grouping queries</li><li>• Transposing data</li></ul> <p><b>Normalising tables</b></p> <ul style="list-style-type: none"><li>• Getting unique lists</li><li>• Adding id numbers</li><li>• Replacing text with id numbers</li><li>• Final relationships</li></ul> <p><b>Dealing with errors</b></p> <ul style="list-style-type: none"><li>• Data profiling</li><li>• How Power Query handles errors</li><li>• Fixing errors in situ</li><li>• Fixing in a separate table</li></ul> <p><b>Dataflows</b></p> <ul style="list-style-type: none"><li>• Creating dataflows</li><li>• Using dataflows in Power BI Desktop</li></ul> | <p><b>Simple parameters</b></p> <ul style="list-style-type: none"><li>• Creating parameters</li><li>• Switching data sources</li><li>• Using to filter data</li><li>• Parameters and templates</li></ul> <p><b>Dropdown parameters</b></p> <ul style="list-style-type: none"><li>• Dropdowns based on lists</li><li>• Dropdowns based on queries</li></ul> <p><b>Stored procedures</b></p> <ul style="list-style-type: none"><li>• Loading from stored procedures</li><li>• Dynamic parameters</li></ul> <p><b>Row-level security</b></p> <ul style="list-style-type: none"><li>• Creating roles</li><li>• Creating DAX permissions</li><li>• Testing roles</li></ul> <p><b>Dynamic connections</b></p> <ul style="list-style-type: none"><li>• Dynamic SQL Server connections</li><li>• Dynamic Excel workbook links</li><li>• Dynamic worksheet links</li></ul> <p><b>Custom functions</b></p> <ul style="list-style-type: none"><li>• How custom functions work</li><li>• Case study - parsing postcodes</li><li>• Case study - combining worksheets</li><li>• Case study - combining webpages</li></ul> <p><b>APIs (*)</b></p> <ul style="list-style-type: none"><li>• How they work</li><li>• Simple examples</li><li>• Exchange rates</li><li>• Bridging tables</li></ul> | <p><b>Power Apps and Power BI</b></p> <ul style="list-style-type: none"><li>• Data constraints</li><li>• Adding a Power Apps visual</li><li>• Embedding Power Apps visuals</li></ul> <p><b>Power Automate and Power BI</b></p> <ul style="list-style-type: none"><li>• Power Automate visuals</li><li>• Creating and assigning flows</li><li>• Formatting your button</li></ul> <p><b>Loading HTML (*)</b></p> <ul style="list-style-type: none"><li>• The HTML.Table function</li><li>• Scraping websites in Power Query</li></ul> <p><b>JSON and XML (*)</b></p> <ul style="list-style-type: none"><li>• Parsing JSON</li><li>• Expanding your results</li></ul> <p><b>Data insights (*)</b></p> <ul style="list-style-type: none"><li>• Language detection</li><li>• Key phrases</li><li>• Sentiment analysis</li><li>• Image tagging</li></ul> |
|---|---|--|

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/>.