



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

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