



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

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

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/>.