

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>Data flows and data sets</p> <ul style="list-style-type: none"> • Dataset limitations • 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>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>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>APIs</p> <ul style="list-style-type: none"> • How they work • Simple examples • Exchange rates • Bridging tables <p>Data insights</p> <ul style="list-style-type: none"> • Language detection • Key phrases • Sentiment analysis • Image tagging
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There will be no more than 6 people on the course. We strongly recommend the use of a second monitor for this training. For more information, see www.wiseowl.co.uk/power-bi/online/advanced-power-bi-data/.