

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

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

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works [here](#). For more information, see <https://www.wiseowl.co.uk/>.