

This course combines topics from the following courses (any items marked with a \* will be covered if time allows).

Topics taken from our **INTRODUCTION TO POWER BI** course

<p><b>Basic reports</b></p> <ul style="list-style-type: none"> <li>• Getting data</li> <li>• Basic visualisations</li> <li>• Shapes, text boxes and images</li> </ul>	<p><b>Query editor</b></p> <ul style="list-style-type: none"> <li>• Filtering rows</li> <li>• Manipulating columns</li> <li>• Working with data types</li> </ul>	<p><b>Overview of maps (*)</b></p> <ul style="list-style-type: none"> <li>• The types of map</li> <li>• Geo-location</li> <li>• Introduction to ArcGIS</li> </ul>
<p><b>Data sources</b></p> <ul style="list-style-type: none"> <li>• SQL Server / databases</li> <li>• Excel / text files</li> <li>• Websites and web services</li> </ul>	<p><b>More on query editor</b></p> <ul style="list-style-type: none"> <li>• Creating new columns</li> <li>• Introducing the M language</li> </ul>	<p><b>Calculated columns</b></p> <ul style="list-style-type: none"> <li>• Adding columns</li> <li>• IF and SWITCH</li> <li>• The RELATED function</li> </ul>
<p><b>Formatting visualisations</b></p> <ul style="list-style-type: none"> <li>• The formatting panes</li> <li>• Conditional formatting</li> </ul>	<p><b>Multiple tables</b></p> <ul style="list-style-type: none"> <li>• Relationships</li> <li>• Filter directions</li> </ul>	<p><b>Publishing reports</b></p> <ul style="list-style-type: none"> <li>• Power BI accounts</li> <li>• Power BI files (PBIX)</li> </ul>
<p><b>Charts</b></p> <ul style="list-style-type: none"> <li>• Working with charts</li> <li>• Specific chart type issues</li> <li>• Grouping and binning</li> </ul>	<p><b>Filtering data</b></p> <ul style="list-style-type: none"> <li>• Slicers</li> <li>• Visualisation level filters</li> </ul>	<p><b>Power BI Service</b></p> <ul style="list-style-type: none"> <li>• Publishing</li> <li>• Dashboards and tiles</li> <li>• Sharing reports</li> </ul>
<p><b>Other types of visualisation</b></p> <ul style="list-style-type: none"> <li>• Working with matrices</li> <li>• Working with cards</li> </ul>	<p><b>Drill-down</b></p> <ul style="list-style-type: none"> <li>• Interactions</li> <li>• "See records" feature</li> </ul>	<p><b>App workspaces</b></p> <ul style="list-style-type: none"> <li>• Creating app workspaces</li> <li>• Publishing apps</li> </ul>
<p><b>Dashboard visualisations</b></p> <ul style="list-style-type: none"> <li>• Gauges</li> <li>• Single-number visualisations</li> <li>• KPIs</li> </ul>	<p><b>Drill-through filtering</b></p> <ul style="list-style-type: none"> <li>• Adding drillthrough filters</li> <li>• Back buttons</li> </ul>	

Topics taken from our **DAX** course

### Ways to edit DAX

- Power BI
- PowerPivot
- SSAS Tabular
- DAX Studio

### Data model basics

- Linking to data
- Creating a data model

### Calculated columns

- Creating calculated columns
- IF and SWITCH
- Showing RELATED data
- Dealing with blanks

### Basic measures

- Creating measures
- Understanding filter context
- Using a measures table
- AggregateX functions

### The CALCULATE function

- Filter context revisited
- Removing and replacing context
- Context transition

### The VALUES function (\*)

- The HASONEVALUE function
- Listing single values
- Parameter tables

### Dynamic measures (\*)

- The ISFILTERED function
- The ALLSELECTED FUNCTION
- Dynamic titles

### The FILTER function (\*)

- Row context
- Iterator functions
- Applying criteria

### Understanding EARLIER (\*)

- How it works
- Banding using EARLIER
- Ranking using EARLIER

### Variables

- Creating variables
- Using for debugging

### Calendars and dates

- Creating a calendar
- Date-based functions

### Advanced date functions

- Multiple relationships
- Moving averages

### Parent-child hierarchies (\*)

- The PATH functions
- Displaying different levels
- Making the results neater

Topics taken from our **ADVANCED POWER BI** course

<b>Tooltips</b> <ul style="list-style-type: none"><li>• Tooltip backgrounds</li><li>• Dynamic report tooltips</li><li>• Visual header tooltips</li></ul>	<b>Bookmarks</b> <ul style="list-style-type: none"><li>• Creating bookmarks</li><li>• Data and display properties</li><li>• Spotighting and hiding visuals</li></ul>	<b>Report themes</b> <ul style="list-style-type: none"><li>• Applying themes</li><li>• Creating custom themes</li><li>• A suggested standard theme</li></ul>
<b>Quick measures</b> <ul style="list-style-type: none"><li>• Showing selected items</li><li>• Filtering columns</li></ul>	<b>Bookmark case studies (*)</b> <ul style="list-style-type: none"><li>• Dynamic chart axes</li><li>• Dynamic page titles</li></ul>	<b>Power BI Templates</b> <ul style="list-style-type: none"><li>• Creating templates</li><li>• Including themes</li><li>• Using parameters</li></ul>

There will be no more than 6 people on the course. All of our public (scheduled) courses include lunch at a local restaurant. For more information, see [www.wiseowl.co.uk/courses/fast-track-power-bi-dax.htm](http://www.wiseowl.co.uk/courses/fast-track-power-bi-dax.htm).