

# **Writing M for Power Query**

# 2 day training course







# **Course contents**

This course will cover the following topics. Those marked with (\*) will be covered if time allows.

# **Power Query Basics**

- Power Query in Power BI
- Power Query in Excel
- Creating basic queries

### **Writing M Code**

- · The Advanced Editor
- The let expression
- Variables in M
- Order of statements

# **Working with Data**

- · Values and data types
- Using built-in functions
- Lists, records and tables

## **Getting Data**

- Connecting to a source
- Extracting data
- Returning a table

# **Working with Columns**

- · Removing and reordering
- Setting data types
- Splitting columns

#### **Working with Rows**

- · Skipping rows
- Dealing with header rows
- Applying filters
- Sorting data

#### **Calculated Columns**

- · Basic calculations
- · Conditional columns
- · Nested if expressions

# **Structuring Code**

- Dividing long queries
- Referring to queries
- · Assigning queries to groups

#### **Writing Functions**

- · Nesting functions
- Creating separate functions
- Parameters and types
- Invoking functions

#### **Error Handling**

- · The try statement
- Raising errors
- Catching exceptions

### **Manipulating Tables**

- Grouping and aggregating
- Transposing
- · Pivoting and unpivoting

# **Combining Data**

- Appending queries
- Merging queries
- Adding Keys

## Parameters in Power BI (\*)

- · Creating parameters
- Referencing parameters
- Dropdown parameters



# **Pre-requisites for Writing M for Power Query course**

To attend this course you should be familiar with the concepts of extracting, transforming and loading data.

# **Prices**

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,525 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,150 per person + VAT
Online	Your home or office!	£995 per person + VAT

# **Scheduled Dates**

Dates	Venue	Times	Price per place	Booking
Thu/Fri 15-16 January 2026	Online	09:30-16:30	£995 + VAT	Book this
Thu/Fri 19-20 February 2026	Online	09:30-16:30	£995 + VAT	Book this
Thu/Fri 19-20 March 2026	Online	09:30-16:30	£995 + VAT	Book this
Thu/Fri 16-17 April 2026	Online	09:30-16:30	£995 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.