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

Loading 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
Tue/Wed 06-07 April 2027	Online	09:30-16:30	£995 + VAT	Book this
Thu/Fri 20-21 May 2027	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.