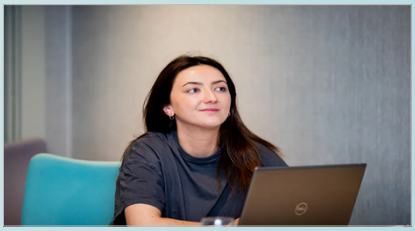
Writing M for Power Query

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