

# **Introduction to Power BI**

Classroom or online training course

2 day course outline

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

# **Basic reports**

- Getting data
- Basic visuals
- Shapes, text boxes and images

#### **Data sources**

- SQL Server / databases
- Excel / CSV files
- Websites

## **Creating data models**

- Relationships
- · Hiding fields and tables
- Renaming fields/tables

#### Working with visuals

- The formatting pane
- Conditional formatting
- Visual interactions

#### Charts

- · Creating charts
- Bubble and other charts
- Grouping data
- Small multiples

# Matrices

- Row and column headers
- Drill-down

#### **Dashboard visuals**

- Gauges
- Cards
- KPIs

## **Query editor**

- · Filtering rows
- Manipulating columns
- Working with data types
- Creating new columns

#### **Filtering data**

- Slicers
- Using the filter pane

## **Drill-through**

- Adding drillthrough filters
- · Creating back buttons
- Button drill-through

#### Azure maps

- · Latitude and longitude
- Creating basic maps
- Bubble, heat and cluster maps
- Tweaking maps

#### **Calculated columns**

- Adding columns
- IF and SWITCH
- The RELATED function

#### **Basic publishing**

- Power BI Service
- Workspaces
- Dashboards and tiles
- Lineage view

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/.