MODULE 1 - CORE KNOWLEDGE

Prerequisites:

Essential:

- Being a regular user of Excel
- Good practice and regular usage of databases
- Good practice and regular usage of Pivot Tables
- Or, attendence of the Data Analysis with Pivot Tables course

Beneficial:

- Knowledge of VLOOKUP function

Content:

Introduction to Business intelligence

- What is BI?
- What is the MS BI Stack?
- Power Pivot
- Power Query
- Power View
- Power Map
- Power BI

Introduction to PowerPivot

- Pivot tables in Excel and their "problems"
- Accessing the PowerPivot window
- Creating calculated columns
- Working with Linked Tables
- Calculated fields (measures) intro

Loading data into PowerPivot

- Excel
- SQL
- Access
- Text files

Basics of data modelling

- Introduction to data modelling
- Normalization and denormalization
- Star Schemas
- Over Denormalization

DAX

- What is DAX?
- Difference between Excel and DAX
- DAX Syntax (table name [field name])
- DAX data types vs format
- Basic DAX functions
- Basics of Table functions and CALCULATE
- Time Intelligence

Power View

Power Map

Sharing Data

Venue:

Advantage
Training Centre

46 Grey Street,
Palmerston North,
Manawatu 4410

Duration:

Two days