# **Microsoft Excel - Power Pivot**

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## Lesson 01: Getting started with PowerPivot

- Start Excel & launch the PowerPivot window
- Navigating the PowerPivot window
- Exploring the PowerPivot tab and field list in Excel

## Lesson 02: Adding data to PowerPivot

- Data sources and types supported in PowerPivot workbooks
- Importing data (from pre-prepared file)
- Add Data by using Excel Linked Tables
- Using Power Query

## Lesson 03: Preparing data for analysis

- Working with Tables and Columns
- Filtering and Sorting Data
- Creating Relationships Between Tables
- Creating and Working with calculations

## Lesson 04: Data; formatting and layout

- Creating, deleting a table
- Rename a Table or Column
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- Hide or Freeze Columns
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## Lesson 05: PowerPivot and relationships

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- Overview of Data Analysis Expressions (DAX) language
- Building Formulas for Calculated Columns and Measures
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- Understanding Aggregations in Formulas
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## Lesson 07: Creating PivotTables, Charts & Reports

- Create a PivotTable or PivotChart Report
- Create a Reporting Services Report with PowerPivot Data
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- Retail sales KPI case study
- Sales per hour, average
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- Wage to sales ratio