



# Introduction to Power Pivot, Power Query and DAX

## Course Content

Guelph, ON  
N1H 6H1  
Canada

519.830.6901  
[info@rcctraining.ca](mailto:info@rcctraining.ca)  
rcctraining.ca

### Course Objectives:

- Discover Excel's data model.
- Gather data with Power Pivot and Power Query.
- Transform data and edit queries.
- Create and manage data relationships.
- Understand Data Modelling and Data Analysis Expressions (DAX functions).
- Create dynamic reports using Pivot Tables, Pivot Charts, Slicers, Conditional Formatting and Sparklines.

*This course is for students who are new to Power Pivot and Power Query, but are familiar with Excel and want to work with larger data sets and perform complex analysis.*

### Course Content:

<b>Understanding Excel's Data Model</b>	Create a Data Model from multiple Excel tables Introduction to data relationships Creating a Pivot Table with a Data Model as the source
<b>Gathering Data with Power Pivot</b>	Enabling Power Pivot Understanding the Power Pivot Window Using the Table Import Wizard to import external data
<b>Gathering Data with Power Query</b>	Understand how to Get and Transform data Review query options Establish connections; Import data from other sources
<b>Transforming Data</b>	Understanding Shape & Filter Working with Query Actions; Merge & Append Work with columns; Create formulas
<b>Creating &amp; Managing Relationships</b>	Understand the types of Relationships Become familiar with the Diagram view Create and Manage Relationships
<b>Data Modelling (DAX)</b>	Calculated Columns & Measures Calculating in Pivot Tables and the Data Model Displaying Key Performance Indicators
<b>Creating Dynamic Reports</b>	Create Pivot Tables & Pivot Charts Create Slicers, Timelines, Sparklines Add Conditional Formatting Publish to Power BI (if time allows)