



# Advanced Microsoft Power BI

Guelph, ON  
N1H 6H1  
Canada

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

## Course Objectives:

- Understand how to convert a flat file to work within the Data Model.
- Learn how to create a Fuzzy Match
- Understand the difference between *Duplicate* data and *Referenced* data
- Learn the differences between *Star Schema* and *Snow Schema*
- Set up Many-to-Many relationships within your data
- Create Hierarchies
- Explore advanced DAX functions
- Learn how to synchronize Filters and Slicers
- Create a Key Influencer visual
- Analyze the performance of your analysis
- Learn how to apply Row Level security
- Review best practices for Power Query, Data Modelling and Visuals
- Learn how to optimize the components of Power BI to get the most out of the product.

*Power BI Desktop lets you create a collection of queries, data connections, and reports that can easily be shared with others. This hands-on course focuses on the Advanced features of Power BI in the context of **Power Queries, Data Modelling** and creating **Visuals**. This course is for those who are familiar with most features of Power BI but want to take it to the next level!*

**NOTE:** Due to the frequency of updates to this product, this outline is subject to change.

## Course Content:

<b>Power Query</b>	Convert a flat file into a Data Model Perform a Fuzzy Match Duplicate versus Reference Best Practices with Power Query
<b>Data Modelling</b>	Star Schema versus Snow Schema Many to Many relationships Creating hierarchies Advanced DAX Functions Best Practices with Data Modelling
<b>Visuals</b>	Filter/Slicer Synchronization Key Influencer visual Performance Analyzer Row Level Security Best Practices with Visuals
<b>Optimization for Power BI</b>	Optimize the Data Model Optimize Visualizations Optimize the Environment Monitor Performance