Power Query Bootcamp

Learn to clean, organize, and reshape data quickly with Power Query, a powerful tool built into Excel and Power BI. This hands-on course will teach you how to streamline your data preparation process for analysis and reporting.

Group classes in NYC and onsite training is available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/power-query-course

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Course Outline

Getting Started with Power Query

- Introduction to Power Query
- Getting Familiar with the Power Query Editor
- First Data Clean Up for a Pivot Table
- Tweaking our Query Until the Data is Correct
- Rounding Data
- Altering Data Types
- Filtering Out Data Before We Load It
- Advanced Calculated Columns
- Grouping Columns
- Using Columns from Examples

Transpose, Pivot, and Un-Pivot

- Introduction to Transpose, Pivot and Un-Pivot
- Pre-preparing Messy Data
- Appropriating Our Data with Transpose
- Un-Pivoting Data
- Pivoting Data
- Creating a Pivot Chart

Combining Data from Two or More Data Sets

- Appending Data
- Introduction to Merging Data
- Left Outer Join
- Right Outer Join
- Full Outer Join

- Inner Join
- Left Anti Join
- Right Anti Join
- More Appending with Bigger Data Sets
- Going Deeper with Merging Data

Duplicating and Parameters

- Duplicating Queries
- Speeding Up Query Editing with Duplication
- Filtering Duplicated Queries
- Working with References
- Parameters

Steps, Groups and Dependencies

- Functions
- Dealing with Errors
- Steps Part 1: Troubleshooting Queries
- Steps Part 2
- Queries and Groups
- Advanced Query Editor
- Query Refresh
- Dependencies
- Revisiting Combining Queries