

Power Query Academy - Module Breakdown

Module	Module Name	Video	Topic Name	Instructor	Run Time
00	Introduction	1	Welcome To Power Query Acadey	Miguel	00:03:53
		2	What is Power Query?	Miguel	00:06:22
		3	Versions of Power Query	Miguel	00:08:07
		4	Our Suggested Learning Path	Miguel	00:03:09
		Introduction Total			
00 Total					00:26:45
01	Importing Basic Data	1	Connecting to Delimited Flat Files	Ken	00:11:48
		2	Connecting to Data in Excel Workbooks	Ken	00:08:07
		3	Connecting to Data in the Current Excel Workbook	Ken	00:09:23
		4	Connecting to Non-Delimited Flat Files	Ken	00:14:30
		Importing Basic Data Total			
01 Total					00:43:48
02	Query Settings	1	Step Settings	Miguel	00:04:02
		2	Choosing Query Load Destinations	Ken	00:13:47
		3	Query Error Auditing	Miguel	00:09:23
		4	The Importance of Defining Data Types	Ken	00:10:49
		Query Settings Total			
02 Total					00:38:01
03	Simple Transformation Techniques	1	Unpivoting Columns	Ken	00:07:46
		2	Pivoting Columns	Miguel	00:05:32
		3	Split Columns into Other Columns	Miguel	00:06:16
		4	Split Columns into Rows	Miguel	00:08:08
		5	Filtering Data	Miguel	00:08:23
		6	Sorting Data	Miguel	00:08:44
		7	Transforming and Adding Columns based on Existing Columns	Miguel	00:16:19
		Simple Transformation Techniques Total			
03 Total					01:01:08
04	Appending Data	1	Appending Tables Individually	Ken	00:09:26
		2	Appending Tables in the Current Workbook	Ken	00:10:46
		3	Appending Worksheets in an External Workbook	Ken	00:08:14
		4	Combine All Flat Files in a Folder	Ken	00:26:51
		5	Combine a Named Worksheet from Multiple Workbooks	Ken	00:10:16
		6	Combine All Worksheets in Multiple Workbooks	Ken	00:09:29
		Appending Data Total			
04 Total					01:15:02
05	Merging Data	1	Merging Basics	Ken	00:06:20
		2	Join Types	Ken	00:13:31
		3	Cartesian Products	Ken	00:04:22
		4	Approximate Match	Ken	00:10:15
		5	Fuzzy Matching Basics	Miguel	00:09:55
		6	Fuzzy Matching in Data Quality	Miguel	00:14:17
		Merging Data Total			
05 Total					00:58:40
06	Web Based Data Sources	1	Webpage with Table Tags	Miguel	00:10:39
		2	Files Publicly Hosted on the Web	Miguel	00:06:56
		3	Reading HTML Document	Miguel	00:11:57
		4	Basic Web Scraping	Miguel	00:12:36
		5	Advanced Web Scraping	Miguel	00:19:47
		Web Based Data Sources Total			
06 Total					01:01:55
07	Miscellaneous Data Sources	1	Getting Data from Exchange	Ken	00:13:36
		2	SharePoint Data: Introduction	Miguel	00:03:16
		3	SharePoint Data: Lists	Miguel	00:05:03
		4	SharePoint Data: All Files From Site	Miguel	00:09:13
		5	SharePoint Data: the From Folder Experience	Miguel	00:04:32
		6	Connecting to a JSON File	Miguel	00:07:55
		7	Connecting to a PDF File	Miguel	00:15:10
		Miscellaneous Data Sources Total			
07 Total					00:58:45
08	Data from Relational Sources	1	Connecting an Access Database	Miguel	00:11:35
		2	Connecting to a SQL Database	Miguel	00:17:59
		3	Connecting to SQL Server Analysis Services	Miguel	00:11:56
		4	Credentials and Privacy Settings on Data Sources	Miguel	00:04:51
		5	Direct Connectivity in Power BI Desktop	Miguel	00:11:47
		Data from Relational Sources Total			
08 Total					00:58:08
09	Reshaping Tabular Data	1	Grouping and Summarizing Data	Miguel	00:06:03
		2	Pivoting Stacked Data	Ken	00:10:09
		3	Unpivoting Subcategorized Data	Ken	00:14:04
		4	Pivoting Vertical Pairs	Ken	00:05:32
		5	Pivoting Horizontal Pairs	Ken	00:05:11
		Reshaping Tabular Data Total			
09 Total					00:40:59

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10	Managing Queries	1	Automating Refresh in Excel	Ken	00:14:46
		2	Sharing Queries	Miguel	00:10:28
		3	Query Organization	Ken	00:09:33
	Managing Queries Total				
10 Total					00:34:47
11	Formulas and Conditional Logic	1	Using Power Query Formulas	Ken	00:21:21
		2	Conditional Logic Basics	Ken	00:07:50
		3	Conditional Logic - Manual IF Tests	Ken	00:08:16
		4	Conditional Logic - Handling Errors	Ken	00:10:38
		5	Conditional Logic - Working with Multiple Conditions	Ken	00:07:09
		6	Conditional Logic Against the Next or Previous Row	Ken	00:16:52
		7	Creating Columns from Examples	Ken	00:09:26
Formulas and Conditional Logic Total					01:21:32
11 Total					01:21:32
12	M Deep Dive	1	Power Query Values	Miguel	00:25:47
		2	Power Query and M Syntax	Miguel	00:06:34
		3	M Functions: Integrated Samples and Documentation	Miguel	00:09:55
		4	Current Row Context	Miguel	00:07:10
		5	Navigation or Drill-Down	Miguel	00:15:27
		6	Tokens (Identifiers, Keywords, Literals, and Punctuation)	Miguel	00:07:26
		7	Advanced Row Context	Miguel	00:22:29
M Deep Dive Total					01:34:48
12 Total					01:34:48
13	Parameters and Custom Functions	1	Manual Creation of Custom Functions	Ken	00:10:46
		2	Debugging Custom Functions	Ken	00:10:31
		3	UI Assisted Parameters and Functions	Miguel	00:17:00
		4	Parameter Tables - Extracting a Single Value	Ken	00:12:32
Parameters and Custom Functions Total					00:50:49
13 Total					00:50:49
14	Advanced M Techniques	1	Dynamically Creating a List of Headers	Miguel	00:17:13
		2	Advanced Table Append	Miguel	00:10:55
		3	Pagination and DO/WHILE in M	Miguel	00:11:48
Advanced M Techniques Total					00:39:56
14 Total					00:39:56
15	Date and Time Techniques	1	What is a Calendar Table?	Ken	00:05:54
		2	Basic Calendar Tables - From Start Date to End Date	Ken	00:08:47
		3	Basic Calendar Tables - From Start Date + x Days	Ken	00:07:24
		4	Extending Calendar Table Columns	Ken	00:10:30
		5	Recurring Dates and OFFSET	Miguel	00:07:57
Date and Time Techniques Total					00:40:32
15 Total					00:40:32
16	Query Optimization	1	Optimizing Power Query Settings	Ken	00:09:54
		2	Leveraging Buffer Functions	Ken	00:10:13
		3	Reducing Development Lag	Ken	00:12:43
Query Optimization Total					00:32:50
16 Total					00:32:50
Grand Total					14:58:25