PowerPivotPro Online University Content Sequencing

# LeSSON 1 – BASICS OF Power Pivot

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| Title | Length |
| The Power Pivot Versions and How They Differ | 14 mins,42 secs |
| A Tour of the Data | 9 mins,3 secs |
| Warmup & Fundamentals | 24 mins,49 secs |
| Measures vs. Calculated Columns | 21 mins,44 secs |
| Thinking Like the Power Pivot Formula Engine | 28 mins,43 secs |

# Lesson 2 – The Calculate Function

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| Title | Length |
| The CALCULATE Function | 21 mins,55 secs |
| CALCULATE Part Two | 17 mins,20 secs |
| CALCULATE Part Three | 24 mins,32 secs |

# Lesson 3 – All and Its Cousins

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| Title | Length |
| The ALL() Function | 15 mins,5 secs |
| ALL() with Semantically Equivalent Columns | 6 mins,46 secs |
| Slicer Negation Using ALL() | 7 mins,24 secs |
| ALL() “Cousins” | 14 mins,5 secs |

# Lesson 4 – Working with Multiple Tables

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| Title | Length |
| Working with Multiple Tables – Part 1 | 9 mins,52 secs |
| Working with Multiple Tables – Part 2 | 16 mins,7 secs |
| Working with Multiple Tables – Part 3 | 5 mins,11 secs |
| Working with Multiple Tables – Part 4 | 16 mins,13 secs |
| Working with Multiple Tables – Part 5 | 7 mins,38 secs |
| Working with Multiple Tables – Part 6 | 13 mins,52 secs |
| Working with Multiple Tables – Part 7 | 13 mins,56 secs |
| Working with Multiple Tables – Part 8 | 22 mins,8 secs |

# Lesson 5 – Disconnected Slicer Techniques

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| Title | Length |
| Disconnected Slicers – Part 1 | 20 mins,19 secs |
| Disconnected Slicers – Part 2 | 8 mins,42 secs |
| Disconnected Slicers – Part 3 | 9 mins,42 secs |
| Disconnected Slicers – Part 4 | 8 mins,52 secs |
| Disconnected Slicers – Part 5 and Intro to FILTER() | 12 mins,49 secs |
| Disconnected Slicers – Part 6 | 15 mins,32 secs |
| Disconnected Slicers – Part 7 | 12 mins,7 secs |
| Disconnected Slicers – Part 8 | 18 mins,49 secs |
| Disconnected Slicers – Part 9 | 10 mins,8 secs |
| Disconnected Slicers – Part 10 | 4 mins,52 secs |

# Lesson 6 – Date & Time Intelligence

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| Title | Length |
| Time Intelligence – Part 1 | 10 mins,46 secs |
| Time Intelligence – Part 2 | 15 mins,45 secs |
| Time Intelligence – Part 3 | 18 mins,46 secs |
| Time Intelligence – Part 4 | 14 mins,30 secs |
| Time Intelligence – Part 5 | 13 mins,2 secs |
| Time Intelligence – Part 6 | 17 mins,49 secs |
| Time Intelligence – Part 7 | 11 mins,45 secs |
| Time Intelligence – Part 8 | 16 mins,52 secs |

# LEsson 7 – Filter Purpose vs. Table Purpose

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| Title | Length |
| Filter Purpose vs. Table Purpose – Part 1 | 18 mins,52 secs |
| Filter Purpose vs. Table Purpose – Part 2 | 6 mins,41 secs |

# Lesson 8 – The VALUES Function

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| Title | Length |
| Intro to the VALUES Function | 18 mins,24 secs |
| VALUES Continued: IF, HASONEVALUE, Row Context | 16 mins,31 secs |
| Putting the IF Stuff in Perspective, Introducing Filter Purpose of VALUES | 20 mins,3 secs |
| Recap of Table vs. Filter Purpose, VALUES Function, and Where We’re Headed | 10 mins,59 secs |

# Lesson 9 – Working with Custom Calendars

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| Title | Length |
| Intro to Why We Need Custom Calendars | 10 mins,28 secs |
| Connecting a Custom Calendar & Using with Existing Basic Measures | 10 mins,49 secs |
| Navigation with a Custom Calendar | 14 mins |
| Lifetime To Date, Year To Date, and 3-Month Moving Averaging | 11 mins,9 secs |
| Advanced Calc. Column Intro: Row Context and Scalars | 13 mins,27 secs |
| ****Behavior of Agg Functions and CALCULATE in Calc Columns**** | 10 mins,19 secs |
| ****Intro to EARLIER – When it’s Commonly Used & How it Resembles “CURRENTROW”**** | 10 mins,20 secs |
| ****EARLIER – In Depth**** | 16 mins,24 secs |
| ****EARLIER – The Pattern and The Homework; Recap of Calc Column Concepts**** | 11 mins,18 secs |
| ****Custom Calendar with Overrun, Helper Columns**** | 20 mins,19 secs |
| ****More Overrun Trimming, Sales/Day, Importance of Granular Custom Calendar Table**** | 11 mins,44 secs |
| ****Building a Custom Calendar that Extends Down to Day Level**** | 11 mins,45 secs |
| ****Using that “Hybrid” Custom Calendar Requires Small Modifications to the Original 445 Measure Patterns**** | 13 mins,33 secs |
| ****Date Granular Custom Calendars: Guidelines and Fixes**** | 8 mins,59 secs |
| ****More Fixes, “Level Sensitivity” Importance & Continued Helper Columns Importance**** | 13 mins,59 secs |
| ****Moving Averages, YTD, Prior Year, and the Helper Columns Driving Them**** | 6 mins,13 secs |

# Lesson 10 – Cube Formulas

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| Title | Length |
| Converting a Pivot to Formulas for Report Shaping & Intro to CUBEVALUE | 15 mins,1 sec |
| Adding a Slicer to CUBEVALUE & Building a Pure “Scorecard-Shaped” Report | 11 mins,35 secs |
| Intro to CUBEMEMBER & Some of its Users; EX: Detailed “Card” Reports | 13 mins,13 secs |
| “Bursting” with CUBEMEMBER & Three Limitations of Cube Formulas | 11 mins,37 secs |
| CUBESET, CUBESETCOUNT, and CUBERANKEDMEMBER | 19 mins,13 secs |
| Workarounds: “All” Returned from Slicer, Mini-Pivot for Cross Filter | 9 mins,59 secs |

# Lesson 11 – X Functions

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| Title | Length |
| Gateway to X Factor: MAXX and SUMX | 13 mins,17 secs |
| The Four Families of X Functions, and Intro to COUNTX and STDEVX | 19 mins,31 secs |
| The Power (and Mystery) of RANKX | 14 mins |

# Lesson 12 - Performance

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| Title | Length |
| Introduction, 1,000 Miles of Data, and Science Fiction | 8 mins,1 sec |
| Tour of Tech History: Databases are Like Record Players, Power Pivot is Not | 24 mins,56 secs |
| The First 4 Rules of File Club | 11 mins,51 secs |
| File Club Rules Continued | 8 mins,29 secs |
| Putting the Rules Into Perspective, & Large Text Columns | 7 mins,8 secs |
| Compression, File Size, and Speed – the Link Revealed | 7 mins,55 secs |
| FILTER() and Other Row Iterators | 11 mins,55 secs |
| The Sneaky Impact of Slicers, plus Bonus Tips | 14 mins,37 secs |

# Lesson 13 – Power Techniques

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| Title | Length |
| “Freshness Date”, First Initial Slicer, Named Sets, & Dummy Tables | 17 mins |
| Multiple Variations on Top N | 19 mins,44 secs |
| Seasonality and Related Background Trend Correction | 11 mins,39 secs |
| “Same Store Sales” | 12 mins,44 secs |
| New vs. Existing Customers and Visitors Tracking | 10 mins,12 secs |
| Conditional Format Via Slicer; Handling Percentile Scenarios | 7 mins,30 secs |
| Scenarios – One Slicer Drives Multiple Params; Weighted Averages Using SUMX | 10 mins,13 secs |
| USERELATIONSHIP; Finding the Top-Selling Date/Product/Etc. | 12 mins,45 secs |
| Gateway to Many to Many – Fixing Your “Relationship Problems” | 16 mins,6 secs |
| Tackling True Many to Many | 22 mins,12 secs |

# Lesson 14 – Using Macros with Power Pivot

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| Title | Length |
| Why Use Macros With Power Pivot, What Are They, and a Dazzling Example  | 12 mins,5 secs |
| The Developer Tab. Recording and Running Macros. “Wrapper” Macros | 21 mins,58 secs |
| The “Table of Contents” Macro, Macros with Inputs, and the “Remove all Measures” Macro | 9 mins,51 secs |
| Two Great Web Resources: MSDN and Search Engines | 5 mins,56 secs |
| Diving into the CF Macro, plus Slicer Macros and Bulk Workbook Mod Macros | 16 mins,57 secs |