COURSE SYLLABUS

Power BI Advanced

This advanced Power BI course focuses on building more reliable data models using proper relationships, filter flow, fiscal and calendar date tables, Row-Level Security, and more.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/power-bi-advanced



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Course Outline

Hierarchies

- Grouping Data with Hierarchies
- Creating & Using Hierarchies

Custom Sort Order

- Default vs Custom Sorting
- Making & Using a Custom Sort Order

Date Tables and Fiscal Calendars

- Dates & Date Tables
- Fiscal Year vs Calendar Year
- Creating Date Hierarchies
- Sorting Date Columns

Diving Deeper into Data Modeling

- Data Modeling vs DAX
- Common Mistakes

Relationships & Cross-Filter Direction

- One to Many (1:*) Relationships
- Cross-Filter Direction
- Many to Many & Bi-Directional Filtering
- Troubleshooting Data Modeling Problems

Parameters

- Creating & Using Parameters
- Formerly called “What-If parameters”

Inactive Relationships & USERELATIONSHIP()

- Active vs Inactive Relationships

- Using USERELATIONSHIP()

Row-Level Security (RLS)

- Setting Up Row-Level Security (RLS)
- Static and Dynamic Roles
- Configuring RLS in the Power BI Service

Power BI Certification

- About the Microsoft Certified Power BI Data Analyst Associate PL-300 Exam
- PL-300 Exam Information and Resources

Working with Databases

- Connecting to a Database
- Import vs DirectQuery
- Query Folding (Optimizing Query Performance)