Power Pivot Training

This course is designed to guide you through the entire business intelligence workflow, from data preparation to modeling and analysis.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/power-pivot-training

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Course Outline

Advanced Data Modeling Techniques

- Managing Relationships
- Star vs. Snowflake Schema: Best Practices
- Understanding Active/Inactive Relationships
- Role-Playing Dimensions
- Difference Between Calculated Columns vs. Measures

Advanced DAX Functions

- Review Basic DAX: Sum, Count, Average, Distinct Count
- CALCULATE
- FILTER(), ALL(), ALLEXCEPT(), VALUES(), REMOVEFILTERS()
- Time Intelligence Functions (SAMEPERIODLASTYEAR, DATESYTD)
- Dynamic Date Filtering and Custom Calendar Table

Advanced DAX – Part 2

- Introduction to data modeling
- Excel data model
- Database normalization
- Table relationships and cardinality
- Data model best practices

Power Pivot and DAX

- Using USERELATIONSHIP()
- Using VAR for better DAX performance and readability
- YoY % change

KPIs, Advanced Visual Integration & Real-World Scenarios

- Creating KPIs in Power Pivot

- Dynamic Product Ranking, Cumulative Totals
- Data Model Design Best Practices
- Tips for Performance Optimization
- Time Intelligence Best Practices