55164: Quick Powerful Graphics with Power View, PowerPivot, Power Query, Power Map and Power BI

Course Details

Course Outline

1. **Course Overview**
    - Introduction
    - Course Materials
    - Facilities
    - Prerequisites
    - What We'll Be Discussing
    - Lab : Course Overview

2. **Power View**
    - Exploring the Power View Interface
    - Visualizing Power View Reports
    - Working with Tables
    - Understanding Aggregations
    - Utilizing Matrix
    - Configuring Drill Through
    - Using Cards
    - Applying Filters
    - Creating Charts
    - Examining Tiles
    - Adding Slicers to Reports
    - Theming Reports
    - Lab : Power View
    - Power View Interface
    - Working with Tables
    - Aggregations
    - Matrix
    - Drill Through
    - Cards

- Filters
- Charts
- Tiles
- Adding Slicers to Reports

3. **PowerPivot**

- Exploring the PowerPivot Interface
- Loading Data
- Examining Relationships
- Configuring Calculated Columns and Calculated Fields
- Creating PivotTables
- Understanding DAX
- Utilizing DAX Functions
- Using KPIs
- Working with Hierarchies
- Managing Perspectives
- Lab : PowerPivot
- Introduction to the PowerPivot Interface
- Importing Data
- Importing Large Datasets
- Importing Data with a Query
- Creating Relationships
- Creating a Cascading Relationship
- Hiding Columns, Change Data Type, Sorting, and Filtering
- Calculated Columns and Calculated Fields
- KPIs
- Hierarchies
- Perspectives

4. **Power Query**

- Exploring The Power Query Interface
- Loading Data
- Managing Modifications
- Examining Data Cleaning

- Lab : Power Query

- Getting External Data

- Data Filtering

- Merging Datasets

5. **Power Map**

- Exploring The Power Map Interface

- Using Bing Maps

- Examining Map Data

- Reviewing Map Types and Presentation

- Lab : Power Map

- View Power Map in Action

- Geocoding

- Tours, Scenes, and Layers

- Adding Time

6. **Introduction to Power BI**

- Introducing Power BI

- Explaining Excel and Power BI

- Examining Data Sources

- Querying with Natural Language

- Lab : Introduction to Power BI

- Introduction to Power BI

- Data Sources