MS POWER BI: DATA ANALYSIS PRACTITIONER

DESCRIPTION

2 Day Course

The creation of data-backed visualizations is a key way data scientist, or any professional, can explore, analyze, and report insights and trends from data. Microsoft® Power BI® software is designed for this purpose. Power BI was built to connect to a wide range of data sources and allows users to quickly create visualizations of connected data to gain insights, show trends, and create reports. Power BI's data connection capabilities and visualization features go far beyond those that can be found in spreadsheets, allowing users to create compelling and interactive worksheets, dashboards, and stories that bring data to life and turn data into thoughtful action.

This course is designed for professionals in a variety of job roles who are currently using desktop or web-based data-management tools such as Microsoft Excel or SQL Server reporting server to perform numerical or general data analysis. They are responsible for conducting data analysis and providing reports about their analysis and are looking for alternative ways to analyze business data, visualize insights, and share those insights with peers across the enterprise. This includes capturing and reporting on data to peers, executives, and clients.

Prerequisites:

To ensure your success, you should have experience managing data with a spreadsheet program such as Microsoft Excel.

COURSE CONTENT

ANALYZING DATA WITH SELF-SERVICE BI
- Data Analysis and Visualization for Business Intelligence
- Self-Service BI with Microsoft Power BI

CONNECTING TO DATA
- Create Data Connections
- Model Data with Relationships
- Save Power BI Files

PERFORMING ADVANCED DATA MODELING AND SHAPING

- Clean and Transform Data with the Query Editor
- Shape Data with the Query Editor
- Combine and Manage Data Rows

VISUALIZING DATA WITH POWER BI

- Create Visualizations in Power BI
- Chart Data in Power BI

ENHANCING DATA ANALYSIS

- Enhance Analysis with Customized Visuals and Pages
- Enhance Analysis with Tooltips

MODELING DATA WITH CALCULATIONS

- Create Calculations with Data Analysis Expressions (DAX)
- Create Calculated Measures and Conditional Columns

CREATING INTERACTIVE VISUALIZATIONS

- Create and Manage Data Hierarchies
- Filter and Slice Reports
- Create Dashboards in Power BI