

# POWER BI

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## INTRODUCTION TO POWER BI

- Introduction to Business Intelligence
- Self Service Business Intelligence
- Introduction to Power BI
- Traditional BI vs Power BI
- Power BI vs Tableau
- Uses of Power BI
- The flow of work in Power BI
- Working with Power BI
- Basic Components of Power BI
- Introduction to building blocks of Power BI
- Data Model and Importance of Data Modelling

## POWER BI DESKTOP AND DATA TRANSFORMATION

- Data sources in Power BI Desktop
- Loading data in power BI Desktop
- Views in Power BI Desktop
- Query Editor in Power BI
- Transform, Clean, Shape and Model Data
- Manage Data Relationship
- Editing a Relationship
- Cross filter direction
- Saving work file
- Measures

## INTRODUCTION TO DAX

- Introduction to DAX
- Importance of DAX
- Data Types in DAX
- DAX Calculation types
- Steps to create calculated columns
- Measures in DAX
- DAX syntax
- DAX functions
- DAX Operators
- DAX Tables and Filtering

## DATA VISUALIZATION

- Introduction to visuals in Power BI
- Visualization charts in Power BI
- Matrixes and Tables
- Slicers and Map Visualizations
- Gauges and Single number Cards

- Modifying colors in Charts and Visuals
- Shapes, Text boxes and Images
- Custom Visuals
- Page Layout and Formatting
- Bookmarks and Selection Pane
- KPI Visuals
- Z-Order
- Grouping and Bining

## **POWER BI SERVICES**

- Introduction to Power BI Services
- Creating a Dashboard
- Quick Insights in Power BI
- Configuring a dashboard
- Power BI Q & A
- Ask Questions about your data
- Power BI Embedded
- Bookmarks and Buttons