



# MS POWER BI DESKTOP

2 DAYS

## Overview

The main purpose of the course is to give students a good understanding of data analysis with Power BI. The course includes creating visualizations and publishing the visualizations

## COURSE CONTENT

### INTRODUCING POWER BI

- Get Power BI Tools
- Introduction to Tools and Terminology
- Dashboard in Minutes
- Refreshing Power BI Service Data
- Interacting with your Dashboards
- Sharing Dashboards and Reports

### GETTING AND TRANSFORMING DATA WITH POWER BI

- Introduction to Power BI Desktop
- Getting Data: Excel vs Power BI Desktop & Service
- Data Structure for Q&A
- Direct Query vs Import Data

### MODELING WITH POWER BI

- Introduction to Modeling
- Using Dax Expressions
- Setup and Manage Relationships
- Cardinality and Cross Filtering
- Default Summarization & Sort by
- Creating Calculated Columns
- Creating Measures

### POWER BI VISUALIZATIONS

- Creating Visualizations
- Color Formatting



- Setting Sort Order
- Scatter & Bubble Charts & Play Axis
- Tooltips
- Slicers & Timeline Slicers
- Cross Filtering and Highlighting
- Visual, Page and Report Level Filters
- Drill Down/Up
- Hierarchies
- Reference/Constant Lines
- Tables, Matrices & Conditional Formatting
- KPI's, Cards & Gauges
- Map Visualizations
- Custom Visuals
- Managing and Arranging

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## POWER BI VISUALIZATION TOOLS

- Introduction
- Standalone Tiles
- Data Driven Alerts
- Quick and Related Insights

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## PUBLISHING AND SHARING INTRODUCTION

- Sharing Options Overview
- Publish from Power BI Desktop
- Publish to Web
- Print or Save as PDF

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## REFRESHING DATASETS

- Understanding Data Refresh
- Replacing a Dataset