Microsoft Power BI

Duration: - 40 hrs

Delivery Method: - Instructor-Led

Trainer: Srinivas Sirigirisetty

(15 yrs of Real-time experience in Microsoft Power BI & BI Analytics (OBIEE, Tableau and Informatica)).

Trainer has 13 yrs of Experience abroad (USA)

Components of the Course (Microsoft Power BI)

1) Power BI Desktop

2) Power BI service

3) Mobile Power BI app

Course Content

Module 1:

- Introduction to Power BI
- Introduction to BI (Business Intelligence)
- Introduction to Tables
- Introduction   to   Joins
- Introduction   to   Data Modelling
- Star and snowflake schema
- Introduction to data visualization
- Installing Power BI Desktop
- Components of Power BI
- Introduction to Power Query Editor

- Importing Data to Power BI Desktop
- Joins in Power BI
- Creating Basic Visualizations in Power BI Desktop
- What is Visual, page and Report in Power BI
- Publishing Power BI to Power BI Service
- Creating Workspaces in Power BI Service
- Sharing content to the users in the Organization

Module 2:

- Power BI Desktop and Power BI Service
- Exploring the Sales Data
- Identifying Metrics and Attributes in Sales Data
- Understanding the Sales Data model
- Creating relationships between tables in Relationships tab.
- Creating Simple measures and columns

Difference between New measure and calculated column

Module 3: Introducing to DAX

This module introduces to DAX (Data Analysis Expressions), this is the most important topic in Power BI Desktop.

Aggregate Functions
- SUM
- SUMX
- AVERAGE
- MIN
- MAX
- DIVIDE

Count Functions
- COUNT
- COUNTDISTINCT
- COUNTA
- COUNTROWS

Logical Functions
- CALCULATE

- AND
- OR
- IF
- ISBLANK
- ISERROR

Module 4:

Intermediate level DAX
- CONCATENATE
- COMBINEVALUES
- FILTER
- ALL
- ALLSELECTED
- ALLEXCEPT

Time-intelligence DAX
- DATEADD
- DATEDIFF
- DATESBETWEEN
- DATEYTD
- DATEQTD
- DATEMTD
- PARALLELPERIOD
- TOTALMTD
- TOTALQTD
- TOTALYTD

Power Query editor:
- Transforming data
- Perform a range of query editing skills in Power BI
- Add, Merge, Delete Columns
- Creating new Tables, combine or merge tables.
- Shape data, using formatting and transformations.

Module 5:

Interactive Data Visualizations

- Creating Power BI reports
- Working on Power Custom Visuals
- Working on App work Spaces
- Security Set-up in workspace
- App creation in Power BI
- Dashboards and Tiles in Power BI Service
- Content Packs
- RLS Security
- Managing a Power BI solution

Module 6:

Power BI mobile app
- Power BI mobile apps
- Using the Power BI mobile app
- Power BI embedded

Power BI Web data
- Get Data from Web
- Creating Power BI Report based on Web data
- Workspace and App creation of for the Web Report.
- Power BI embedded

Marketing Analytics

- Metrics in Marketing Analytics
- Flow of Marketing Data
- Marketing Analytics Dashboard

Finally Resume Preparation, Mock-up Interviews

Good Luck we are always here to help you.

Thanks for Attending the Course. All the Best.