

POWER BI DESKTOP COURSE CONTENT

Faculty: -

Fee:-

Duration:-

Demo Time:-

Batch Time:-

Introduction to Power BI Desktop

- ✓ Installing Power BI desktop
- ✓ Import data from diverse sources
- ✓ Creating Reports and Dashboards
- ✓ Adding Charts and Visualizations

Creating reports

- Adding pages
- Renaming pages
- Moving pages
- Delete pages
- ✓ Importing excel and power view items

Discovering and loading data with Power BI Desktop

- ✓ Data sources
 - File sources
 - Databases
 - SQL Server and other sources
- ✓ Loading data
 - Web pages
 - CSV files

- XML files
- Excel
- ✓ Relational databases
 - Loading related tables
 - Database options

Transforming datasets

- ✓ Power BI desktop queries
 - Editing data after data load
 - Transforming data
- ✓ Query editor and ribbons
- ✓ Dataset shaping
- ✓ Filtering data

Data cleansing

- ✓ Changing datatype
- ✓ Replacing values
- ✓ Transforming column contents
- ✓ Grouping records
- ✓ Pivot
- ✓ Un pivot
- ✓ Extending data
 - Duplicating columns
 - Splitting columns
 - Merging columns
 - Custom columns
 - Merging data
- ✓ Appending data
 - Adding contents of one query to another
 - Pivoting and un pivoting tables
 - Transposing rows and columns
- ✓ Managing queries
 - Grouping queries
 - Duplicating queries

Creating a data model

- ✓ Data modeling in Power BI desktop environment
- ✓ Data modeling ribbon
- ✓ Manipulating tables and columns
- ✓ Sorting data
- ✓ Designing a data model
 - Creating relationships
 - Creating relationships manually/automatically
 - Deleting relationships

Text based visualizations

- ✓ Switching to report view

Creating and modifications Charts in Power BI Desktop

- ✓ Column charts
- ✓ Line charts
- ✓ Pie charts
- ✓ Donut charts
- ✓ Funnel charts
- ✓ Water fall charts

Other types of visuals

- ✓ Maps
- ✓ Filled maps
- ✓ Tree maps
- ✓ Gauges
- ✓ Matrix table

Filtering data

- ✓ Visual level filters
- ✓ Page level filters
- ✓ Drill through filters
- ✓ Report level filters

Using slicers

- ✓ Slicers

- ✓ Sync slicer

Enhancing dashboards

- ✓ Text boxes
- ✓ Modifying Page background
- ✓ Images
- ✓ Adding shapes
- ✓ Organizing visuals on the page
- ✓ Exporting data from a visualization
- ✓ Creating Bins
- ✓ Field formatting
- ✓ Conditional formatting
- ✓ Tool tips
- ✓ Import custom visuals from market place

Row level security (RLS)

- ✓ Creating Manage roles and View as roles

Creating reports

- ✓ Parameter report
- ✓ Hierarchy report
- ✓ Drill down report
- ✓ Drill through report

Data analysis expressions (DAX)

- ✓ New column
- ✓ Currency column
- ✓ Lower column
- ✓ Even column
- ✓ Odd column
- ✓ If column
- ✓ Concatenate column
- ✓ New measure
- ✓ Sum measure
- ✓ Count measure

- ✓ Max measure
- ✓ Min measure
- ✓ Average measure

POWER BI SERVICE / WEB

- ✓ My Work space
- ✓ APPs Work space
- ✓ Datasets
- ✓ Reports
- ✓ Dashboards
- ✓ Gateways
- ✓ Schedule refresh
- ✓ Q&A
- ✓ Content packs
- ✓ Insights
- ✓ Pin Dashboards
- ✓ Dashboards theme
- ✓ Export to excel
- ✓ Row level security
- ✓ Embed codes
- ✓ Alerts
- ✓ Notifications
- ✓ Subscriptions
- ✓ Get data
- ✓ Create reports
- ✓ Admin portal
- ✓ Add title and image
- ✓ Screen shots
- ✓ High contrast colors
- ✓ Generate QR Code

Other topics

- ✓ Power BI Mobile
- ✓ Power BI Report server