



Turn Data into Insights - **Power BI.**

Classroom | Online | Corporate

WHY

School of Analytics

“As one of the INDIA's leading tech training and talent organisations, SOA helps individuals ranging from those at the start of their journey who want to learn Power BI to seasoned professionals looking to develop and extend professional services competencies, with training to get the most of Power BI.”



Learning Pathway .

01 Introduction to PowerBI?

- What is BI
- Benefits of Power BI
- Components
- Power Bi Desktop - Installation
- Building Blocks
- Demo - Sample Power BI Reports
- Creating a Simple Report

02 Extracting, Transforming and Loading Data with Power Query

- Get and edit Data - An ETL Tool (Extract, Transform, Load)
- Import Excel Tables within the workbook
- Import Text files or CSV from a Folder
- Import Txt files from Folder with File Name
- Import Excel files with sheet name
- Import All Excel Tables in one go
- Group By feature - Amazing and Easy to use
- Get data from SQL
- Get data from Website
- Understanding Power Query Editor
- Load vs Direct Query
- Append Queries
- Merge Queries
- Filtering Rows
- Split Columns based of Delimiter, Merge Columns
- Eliminating Columns
- Creating Custom Column based on the Conditions
- Refresh Queries
- Introduction to M Query Language

03 Data Modelling

- Introduction to Data Modeling
- Creating Relationship between tables
- Building a data model
 - Hiding columns from Reporting View
 - Sorting and Formatting
 - Creating Hierarchies
- Create Calculated columns - M Language
- Creating a Date Dimension
- Create Robust Data Models intuitively



04 Power BI Visualizations

- Introduction to visuals in Power BI
- Create and customize simple visualizations
- Recommended Charts for your data set
- Bar Charts and Column Charts
- Line Charts and funnel Charts
- Pie Charts and Donut Charts
- Tree Charts and Maps
- Combination Charts
- KPI and Card Charts
- Table and Matrix Views
- Buttons and Bookmarks
- Adding Text box, Shapes, and Images to Reports
- Creating Stunning Dashboard 8- Interactive Reports in few clicks
- Filters
- Slicers
- Parameters
- Manage Interaction between objects
- Drill down/Roll Up

05 Introduction to DAX Language

- Introduction to DAX Functions
- DAX Syntax
- DAX Data Types
- DAX Operators
- DAX Functions
 - Logical Functions
 - Aggregate Functions
 - Date and Time Functions
 - Text Functions
 - Mathematical Functions
 - About Calculate Function

06 Publishing and Sharing Power BI Reports

- Publish from Power BI Desktop
- Working with Power BI Service
 - On Web
 - On Mobile/Tab
- Export Data from a Visualization Sharing Dashboards
- Refreshing Datasets
- Manage Roles



Develop a passion for learning. If you do, you will never cease to grow.



Let us know how we can help you, or your
organisation with your learning or
talent requirements.

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