

## **COURSE CONTENT**

### **Data Transformations :**

- Introduction to Power BI Desktop
- Changing Locale
- Connecting to a Database
- Basic Transformations
- Managing Query Groups
- Splitting Columns, Changing Data Types, Working with Dates
- Removing and Reordering Columns
- Conditional Columns
- Merge Queries
- Query Dependency View
- Transforming Less Structured Data
- Query Parameters

### **Data Modelling :**

- Managing Data Relationships
- Creating Calculated Columns
- Optimizing Models for Reporting
- Creating Calculated Measures
- Creating and Managing Hierarchies
- Using Calculated Tables
- Time Intelligence
- Include and Exclude features
- Grouping and Binning

### **Visualizing your Data :**

- Introduction to charts: Pie, Tree map, Combo charts, Map Visualizations, Scatter plot, Table, Matrix, Gauge, Card, Shapes, Textboxes, Images and KPI
- Filter (Including TopN), Date Slicer
- Coloring Charts
- Page Layout, Positioning, Aligning, Sorting Visuals and Formatting
- Visual Relationship
- Custom Hierarchies

### **Working with PBI Service :**

- Overview of Dashboards and Service
- Uploading to Power BI Service
- Configuring a Dashboard
- Dashboard Settings
- In-Focus Mode
- Pinning a Live Page
- Custom URL and Title
- Export to CSV and Excel
- Power BI Notifications
- Publishing to Web

### **Working with Excel :**

- Importing Excel Data using Simple Table
- Connecting to Excel Workbook on OneDrive for Business
- Pinning Excel Tables or Visuals

### **Organization Packs, Security and Groups :**

- Creating a Group
- Creating, Using and Editing a Content Pack
- Row Level Security
- Data Classification
- Creating and Using Custom Visuals