

## Content for - Power BI Training Programme

### Programme Inclusions:

- Mentor-led LIVE Sessions, for 12-hours duration
- Pre & Post Assessment (via AI-powered Assessment platform)
- Final Capstone Project Development
- Module-wise Quiz challenges
- Engage in simulated scenarios, case studies

### Programme Deliverables:

- Consolidated Learners' performance report on the skillset
- Certificates for completed Participants

### Module-wise Topics

#### Module-1:

- Introduction to Power BI Application
- Introduction to Data Model
- Basic Power Bi Features
- Introduction to Power Bi Desktop
- Basics of Power Bi Desktop
- Power Bi Service
- Overview of Self-service BI
- Considerations for Self-service BI

#### Module-2:

- Need of Power BI
- Data Visualization & Its Importance
- Issues with Excel as Visualization tool and its limitations
- Power Pivot, Power Query and Power View - Introduction
- Power BI Desktop layout and menus
- Getting Data to Power Bi
- Using Excel as Power Bi Data Source
- Getting Data from Other Databases
- Normalisation in Excel

**Module-3:**

- Tables in Excel
- Table functions
- Getting data from sheets vs Tables
- Loading vs Editing
- Changing the Data source
- Customising Power BI Desktop features
- Overview of
  - Getting data from other sources
  - Custom loading
  - Direct Query

**Module-4:**

- Introduction to Power Query
- Editing in Desktop vs Power Query
- Editing Options in Power Query
- Datatypes
- Importing Tables
- Creating Tables
- Row/Column Operations
- Splitting and Merging
- Find/replace/fill
- Undo in Power Query
- Editing Steps
- Saving and Loading

**Module-5:**

- Introduction to Power BI Reports
- The Table views
- The relationship Window
- Introduction to Power BI Visualizations
- Editing Power BI Page properties
- Editing visualisation
- Using Geographical Data in Visualizations
- Stacked/Clustered Bar/Column
- Various Map Visuals
- Line/Area/Ribbon Charts



- Tree Map, Funnel Charts
- Tables, Matrix
- Shapes and Images

#### **Module-6:**

- Introduction to DAX
- Calculated Columns
- Measures
- The X Functions
- Logical Functions
- If vs Switch

#### **Module-7:**

- Page Level/Report Level Filtering
- Filterpane
- Top Products
- Top Products by category

#### **Module-8:**

- Power BI Service
- Uploading data to Service
- Push/Pull Data
- Various Licensing options
- Creating and Editing reports in Service
- Exporting to PDF
- Exporting to Powerpoint
- Sharing
- Downloading PBIX
- Creating Dashboards
- Pin Visualizations to Dashboard
- Sharing Dashboard