

# Power BI Training

Complete Practical & Real-time Training Sessions



ISO Certified Training Institute

Microsoft Certified Partner

## Power BI Training Highlights :

- |                              |                                  |
|------------------------------|----------------------------------|
| 1. Basic to Advanced Reports | 7. Power BI Cloud                |
| 2. Power Query (M) Language  | 8. Power BI Service Datasets     |
| 3. Basic to Advanced DAX     | 9. Excel Integration, Office 365 |
| 4. Data Modeling, ETL        | 10. App Workspace & Mobile       |
| 5. Custom Visualizations     | 11. REST APIs and Gateways       |
| 6. Excel with JSON, XML      | 12. R Integration with Power BI  |

**All Trainings Session Are Completely Practical & Real Time**

Every session includes Study Material and Practice Material.

# POWER BI Training - Course Curriculum

Module Number	Description	No. Of Videos
<b>Module 1</b>	<b>Power BI Basics, Visualizations</b>	<b>8</b>
<b>Module 2</b>	<b>ETL &amp; Data Modeling</b>	<b>8</b>
<b>Module 3</b>	<b>Power BI Service</b>	<b>8</b>
<b>Total Number of Videos</b>		<b>24</b>

## Module I: Power BI Basics, Visuals

<p><b>Video 1 : INTRODUCTION TO POWER BI</b></p> <ul style="list-style-type: none"> <li>✓ Power BI Introduction - Target Users</li> <li>✓ Need for Big Data and BI Technologies</li> <li>✓ Purpose of BI and Power BI Suite of Tools</li> <li>✓ Power BI : Self-Service BI, Usage Scope</li> <li>✓ Comparing Power BI with Microsoft BI (MSBI)</li> <li>✓ Comparing Power BI with Tableau, Qlick View</li> <li>✓ Power BI as an End-to-End BI Suite Of Tools</li> <li>✓ Microsoft Data Platform Technologies with BI</li> <li>✓ Data Collaboration, Visualization and IOT</li> <li>✓ Power BI with Reporting Services (SSRS)</li> <li>✓ Power BI For Data Scientists and AI Scope</li> <li>✓ Power BI For Data Analysts, Business Analysts</li> <li>✓ Power BI Job Roles and Responsibilities</li> <li>✓ Power BI Component : Overview, Lab Plan</li> <li>✓ MCSA Examination for Power BI: 70-778</li> </ul>	<p><b>Video 2: ARCHITECTURE, INSTALLATION</b></p> <ul style="list-style-type: none"> <li>✓ Power BI Architecture - in Detail, Components</li> <li>✓ Power BI - Integration Options in Real-time</li> <li>✓ Types of Reports in Power BI - Interactive</li> <li>✓ Analytical, Paginated and Mobile Reports</li> <li>✓ Power BI Licensing Plans &amp; Pricing Options</li> <li>✓ Power BI Ecosystem Components - Purpose</li> <li>✓ Need for Power BI Service (Cloud) and Azure</li> <li>✓ Power BI Report Server and Report Builder</li> <li>✓ Power BI Mobile Report Publisher Tool Usage</li> <li>✓ Power BI with Excel - Excel Analyzer Tool</li> <li>✓ Power BI Desktop &amp; Excel Publisher Tools</li> <li>✓ Power BI Desktop - Installation, Requirements</li> <li>✓ Understanding Power BI Desktop Tool - usage</li> <li>✓ Power BI Canvas, Visualizations and Filters</li> <li>✓ Fields, Reports, Data, Relationship Screens</li> <li>✓ Need for Power Query and DAX Expressions</li> </ul>
<p><b>Video 3: POWER BI BASIC EXAMPLES</b></p> <ul style="list-style-type: none"> <li>✓ Using Power BI Desktop Tool - Options</li> <li>✓ Report Visuals, Fields, Pages and Filters</li> <li>✓ Report, Data and Relationship Options</li> <li>✓ Working with Visualizations and PBI Canvas</li> <li>✓ Working with Enter Data and Get Data Options</li> <li>✓ Get Data from DAT Files, Basic Reports</li> <li>✓ Enter Data from Excel Files, Basic Reports</li> <li>✓ Concept &amp; Use of PBIX and PBIT Files</li> <li>✓ Creating PBIX Files and Re-Using Reports</li> <li>✓ Creating PBIT Files &amp; Data Import Options</li> <li>✓ Designing Simple / Basics Reports in PBI</li> <li>✓ Visual Interactions in Power BI - Options</li> <li>✓ Spotlight Options with Visuals, Real-time Use</li> <li>✓ Slicer Visual in Power BI and Data Filters</li> <li>✓ Visual Sync Property, two directional Filters</li> </ul>	<p><b>Video 4 : HIERARCHIES and FILTERS</b></p> <ul style="list-style-type: none"> <li>✓ Working with Hierarchies in Power BI</li> <li>✓ Creating Hierarchies - Options and Usage</li> <li>✓ Data Drill Options with Power BI Hierarchies</li> <li>✓ Data Explore Options - Spotlight and Focus</li> <li>✓ Expand, Expand All Down, Goto Next Level</li> <li>✓ Drill Up, Drill Down and Parent Aggregations</li> <li>✓ See Data, Export Data, See Records Options</li> <li>✓ Filters and Real-time Usage with Power BI</li> <li>✓ Export Options to CSV Files and Data Drills</li> <li>✓ Using Report Filters, Page Filters in PBIX</li> <li>✓ Using Drill-down Filters and Visual Filters</li> <li>✓ Basic, Advanced, TOP N Filters - Usage</li> <li>✓ Filtering at Category Level, Summary Level</li> <li>✓ Usage of Filters in Real-world – Synopsis</li> <li>✓ Cortana and Q &amp; A Features in Power BI</li> </ul>
<p><b>Video 5 : BIG DATA ACCESS @ POWER BI</b></p>	<p><b>Video 6 : Power BI VISUALS - LEVEL 1</b></p>

<ul style="list-style-type: none"> <li>✓ Database Properties and Types of Databases</li> <li>✓ OLTP and OLAP Databases with Power BI</li> <li>✓ DWH and HTAP Databases with Power BI</li> <li>✓ On-premise Database Access with Power BI</li> <li>✓ Cloud Database Access with Power BI Visuals</li> <li>✓ Import Option with Database - Advantages</li> <li>✓ Direct Query Option in Database : Advantages</li> <li>✓ Options with Small and Big Databases</li> <li>✓ Accessing Azure SQL Database with Power BI</li> <li>✓ Reports with Azure SQL DB Connections</li> <li>✓ SQL Queries with Power BI Data Connections</li> <li>✓ Limitations with Direct Query in PBI</li> <li>✓ Query Storage Mode in Power BI Desktop</li> <li>✓ Relation Detection in Power BI Desktop</li> <li>✓ Relationship Management, Inactive Relations</li> <li>✓ One - One, One - Many, Many - One Relations</li> <li>✓ Defining Relations for Visual Interactions</li> <li>✓ Data Labels and Legend Properties</li> <li>✓ Comparing Bar Charts and Column Chart</li> </ul>	<ul style="list-style-type: none"> <li>✓ Power BI Visualizations and Types</li> <li>✓ Fields, Formats and Analytics Options</li> <li>✓ Table Visuals &amp; Properties, Filters</li> <li>✓ Data Bar and Data Scaling Options</li> <li>✓ Divergent Colors and Data Labels</li> <li>✓ Conditional Formatting, Grid Lines</li> <li>✓ Matrix : Sub Totals, Grand Totals</li> <li>✓ Drilldown Options : Row and Column</li> <li>✓ Row Groups and Column Groups in Matrix</li> <li>✓ Slicer Visual - Properties, Alignment</li> <li>✓ Single Select and Show All Options</li> <li>✓ Chart Reports - Types, Common Properties</li> <li>✓ Axis, Legend, Value and Tooltip</li> <li>✓ Stacked Bar Chart, Clustered Column Chart</li> <li>✓ Stacked Bar Chart : Properties</li> <li>✓ Stacked Column Chart : Properties</li> <li>✓ Clustered Bar Chart : Properties</li> <li>✓ Clustered Column Chart : Properties</li> <li>✓ 100% Stacked Bar and Column Charts</li> </ul>
<p><b>Video 7 : POWER BI VISUALS - LEVEL 2</b></p> <ul style="list-style-type: none"> <li>✓ Line Chart, Area Chart Properties</li> <li>✓ Stacked Area Chart - Properties</li> <li>✓ Line and Stacked Column Chart</li> <li>✓ Line and Clustered Column Chart</li> <li>✓ Visual Fields, Shared Axis, Legend</li> <li>✓ Column Series and Column Axis</li> <li>✓ Join Types, Lines: Round, Bevel, Miter</li> <li>✓ Shapes and Markers - Properties</li> <li>✓ X Axis, Y Axis Properties, Plot Area</li> <li>✓ Display Units, Data Colors, Shapes</li> <li>✓ Series, Custom Series and Legends</li> <li>✓ Ribbon Chart - Use, Properties</li> <li>✓ Match Series and Plot Area Options</li> <li>✓ Waterfall Chart - Sentiment Colors</li> <li>✓ Breakdown Count - Decrease / Increase</li> <li>✓ Scatter Chart - Play Area and Axes</li> <li>✓ Axis Values, Color Saturation, Legend</li> <li>✓ Line, Donut Charts - Data Point and Series</li> </ul>	<p><b>Video 8 : POWER BI VISUALS - LEVEL 3</b></p> <ul style="list-style-type: none"> <li>✓ Tree Map, Funnel and Gauge Reports</li> <li>✓ Group and values in Tree Maps</li> <li>✓ Min. Max Values and Goal Values</li> <li>✓ Single Row Card and Multi Row Cards</li> <li>✓ Non-Interactive Visuals @ Multi Row</li> <li>✓ Callout Values and KPI Reports</li> <li>✓ Indicator, Trend and Target Goals</li> <li>✓ Map Reports and Filled Map Reports</li> <li>✓ ArcGIS Maps in Real-time. Options</li> <li>✓ Using Buttons in Power BI Desktop</li> <li>✓ Bookmarks in Power BI Desktop - Usage</li> <li>✓ Using Bookmarks with Buttons, Actions</li> <li>✓ Using Bookmarks for Visual Filters</li> <li>✓ Using Bookmarks for Page Navigations</li> <li>✓ Using Selection Pane with Bookmarks</li> <li>✓ Buttons, Images in Power BI Desktop</li> <li>✓ Inner Radius, Details and Values</li> </ul>

**Mock Interview on all Module 1 Concepts  
FAQs and Answers**

## Module 2: ETL and Data Modeling

### Video 9 : POWER QUERY - LEVEL 1

- ✓ Power Query [M Language] - Purpose
- ✓ Power Query Usage & Operation Types
- ✓ Power Query Architecture and Usage
- ✓ QUERY Concept, Properties, Validations
- ✓ Power Query - Data Mash up Operations
- ✓ Basic Data Types, Literals and Values
- ✓ Expressions, Primitives in M Language
- ✓ Structured Data Values in Power Query
- ✓ LIST, RECORD, TABLE in Power Query
- ✓ Power Query Connection Format Settings
- ✓ let, source, in statements in M Lang
- ✓ Functions, Parameters in Power Query
- ✓ INVOKE Functions & Execution Results
- ✓ Power BI Canvas: Edits, Applied Steps
- ✓ Frowns, Query Header Row Formatting

### Video 10 : POWER QUERY - LEVEL 2

- ✓ Power Query Transformations Categories
- ✓ Query Combine & MERGE Transformations
- ✓ Join Options in Merge Transformation
- ✓ Truncate, Replace, Split, Reduce Rows
- ✓ Manage Columns, Hide / Show Columns
- ✓ Grouping, Aggregations, Column Formats
- ✓ Transpose, Reverse Rows Transformations
- ✓ Power Query - Row Count and Replace
- ✓ Data Type Detection - Scenarios, Use
- ✓ Data Type Conversions and Value Replace
- ✓ Fill Up and Fill Down, Rename Options
- ✓ PIVOT and UNPIVOT Transformations
- ✓ MOVE, FILTER, ConvertToList()
- ✓ SPLIT, FORMAT, MERGE, EXTRACT
- ✓ PARSE, NUMBER, COMBINE
- ✓ Date, Time, Deriving Year, Quarter, Month, Day

### Video 11 : POWER QUERY - LEVEL 3

- ✓ Creating Parameters in Power Query
- ✓ Intrinsic & Query Parameters, Usage
- ✓ Parameter Data Types, Default Value Lists
- ✓ Static Lists, Dynamic Lists For Parameters
- ✓ Creating Parameters in Power Query Edits
- ✓ Creating Parameters in Data Set Queries
- ✓ Converting Columns to Lists in Power Query
- ✓ Reports with Range Values - Bookmarks
- ✓ Dynamic Dropdowns with PBIX Reports
- ✓ Parameters with PBIT Reports, Prompts
- ✓ Report Design with Dynamic WebPages
- ✓ Creating Lists and Tables in Power BI
- ✓ Data Conversions Functions with Power Query
- ✓ toText() Functions with Power Query
- ✓ Multi Valued Parameters. Table Columns
- ✓ Dynamic Table Expressions and Functions
- ✓ Report Design with Structured Table Values

### Video 12 : POWER QUERY - LEVEL 4

- ✓ Common Query & Data Set Options
- ✓ Creating Query Duplicates and use
- ✓ Creating Query References and Use
- ✓ FROWN and Token Comma Expression
- ✓ Applied Steps - Edits and Inserts
- ✓ New Step Inclusions and Cautions
- ✓ DELETE and DELETE UNTIL END
- ✓ ENABLE LOAD Options in Power Query
- ✓ Grouping Queries - Usage in Real-time
- ✓ Query Transforms, Sort Direction, Statistics
- ✓ IF.. ELSE Conditions in Power Query
- ✓ Data Modeling Options with Power Query
- ✓ Modeling Operations - Custom Columns
- ✓ Columns From Examples in Real-time
- ✓ Conditional Column, Indexed Column
- ✓ Variables, Parameters - Power Query
- ✓ Date and Time Columns. String Functions
- ✓ Custom Functions in Power Query M Lang

### Video 13 : DAX FUNCTIONS - LEVEL 1

- ✓ DAX : Importance and Real-time Usage
- ✓ DAX as library of Functions, Operators
- ✓ Real-world usage of DAX with Power BI
- ✓ Real-world usage of Excel, MSBI SSAS
- ✓ DAX Architecture and Entities
- ✓ Formulation Rules for using DAX
- ✓ DAX Data Types and Working Options
- ✓ Syntax, Functions, Context Options
- ✓ Concept of Measures and Calculations

### Video 14 : DAX FUNCTIONS - LEVEL 2

- ✓ Data Modeling Operations in DAX
- ✓ Detecting & Adding Relations for DAX
- ✓ Power BI DAX Functions - Types, Usage
- ✓ Power BI Reports - DAX Functionalities
- ✓ Calculated Columns, Aggregated Measures
- ✓ Quick Measures in DAX - Auto validations
- ✓ PowerPivot xVelocity & Vertipaq Store
- ✓ In-Memory Processing : DAX Performance
- ✓ Date and Time, Text, Mathematical Functions

<ul style="list-style-type: none"> <li>✓ ROW Context and Filter Context in DAX</li> <li>✓ DAX Structures and Syntax Options</li> <li>✓ DAX Functions - Types and Use</li> <li>✓ Creating and Using Measures with DAX</li> <li>✓ Creating and Using Columns with DAX</li> <li>✓ Vertipaq Engine &amp; Special Characters</li> <li>✓ Operators in DAX - Real-time Usage</li> <li>✓ DAX Formulas Limitations in Power BI</li> </ul>	<ul style="list-style-type: none"> <li>✓ Time Intelligence, Logical &amp; Functions</li> <li>✓ Data Modeling with DAX. Creating Roles</li> <li>✓ SUM and DATEDIFF Examples in DAX</li> <li>✓ TODAY, DATE, DAY Arguments with DAX</li> <li>✓ DIVIDE, CALCULATE, Conditions</li> <li>✓ Using Variables in DAX, Calculations</li> <li>✓ IF..ELSE..THEN Statement in DAX</li> <li>✓ SELECTEDVALUE, FORMAT Functions</li> <li>✓ RELATED &amp; COUNTROWS in DAX</li> <li>✓ CALCULATE, SUM, ALL Functions</li> </ul>
<p><b>Video 15 : DAX FUNCTIONS - LEVEL 3</b></p> <ul style="list-style-type: none"> <li>✓ AVERAGEX and AVERAGE in DAX</li> <li>✓ KEEPFILTERS and CALCULATE</li> <li>✓ COUNTROWS and FILTER Functions</li> <li>✓ Using RELATED with FILTER Function</li> <li>✓ DIVIDE with FILTER, ALLSELECTED</li> <li>✓ Using ALL, MAX in FILTER</li> <li>✓ Using ALLSELECTED and Differences</li> <li>✓ Using Numeric, Text Conditions</li> <li>✓ PARALLELPERIOD, DATEDADD in DAX</li> <li>✓ CALCULATE with PREVIOUSMONTH</li> <li>✓ FILTER Conditions with ROWCOUNT</li> <li>✓ USERRELATIONSHIP Function in DAX</li> <li>✓ TOTALYTD , TOTALQTD, TOTALMTD</li> <li>✓ Time Intelligence with DIVIDE</li> <li>✓ Time Intelligence with CALCULATE</li> <li>✓ DATESINPERIOD and AVERAGEX</li> <li>✓ EARLIER for Time Based Comparisons</li> </ul>	<p><b>Video 16 : DAX FUNCTIONS - LEVEL 4</b></p> <ul style="list-style-type: none"> <li>✓ DAX Variables, Joins and Usage</li> <li>✓ Value Assignments with DAX</li> <li>✓ CONCATENATE Function in DAX</li> <li>✓ HOUR, NOW, SWITCH, TRUE</li> <li>✓ RETURN Values with DAX</li> <li>✓ Numeric and Other DAX Options</li> <li>✓ DAX Modeling Components - use</li> <li>✓ TABLES, COLUMNS, RELATIONS</li> <li>✓ MEASURES and HIERARCHIES</li> <li>✓ INTELLISENSE with DAX Editors</li> <li>✓ Comments in DAX - Syntax Options</li> <li>✓ DISTINCTCOUNT, DIVIDE</li> <li>✓ SAMEPERIODLASTYEAR, IF</li> <li>✓ Revenue, Budget with DAX</li> <li>✓ VARIANCE Calculations in DAX</li> <li>✓ TOTALYTD, YTD, QTD and MTD</li> <li>✓ Using Variables in DAX Computations</li> </ul>

**Mock Interview on all Module 2 Concepts  
FAQs and Answers**

### Module 3: Power BI Service (Cloud)

<p><b>Video 17 : POWER BI CLOUD - 1</b></p> <ul style="list-style-type: none"> <li>✓ Power BI Service (Cloud) Registration</li> <li>✓ Power BI Service (Cloud) Architecture</li> <li>✓ App Workspace Creation in Real-time</li> <li>✓ Publish Reports from Power BI Desktop</li> <li>✓ Reports and Datasets in Power BI Cloud</li> </ul>	<p><b>Video 18 : POWER BI CLOUD - 2</b></p> <ul style="list-style-type: none"> <li>✓ Dataset Operations @ Power BI Cloud</li> <li>✓ Dataset Actions - Report Creation Options</li> <li>✓ Power BI LIVE Report Edits, Downloads</li> <li>✓ Quick Insights and PBIX Downloads</li> <li>✓ Content Packs - Real-time Use</li> </ul>
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<ul style="list-style-type: none"> <li>✓ Deployment Verifications in Cloud</li> <li>✓ Creating Dashboards and Real-time Use</li> <li>✓ Pin Visuals and Pin LIVE Report Pages</li> <li>✓ Dashboard Creation with Tiles, Media</li> <li>✓ Tiles - Images, Web Content, Videos</li> <li>✓ Dashboard Subscriptions, Insights</li> <li>✓ Metrics, Distribution Methods, Actions</li> <li>✓ View Related &amp; Featured Dashboards</li> <li>✓ Favorites, Shares, Dashboard Themes</li> <li>✓ Performance Inspector, Refresh, QR Codes</li> </ul>	<ul style="list-style-type: none"> <li>✓ Creating and Using Content Packs</li> <li>✓ Organizational and Service Level</li> <li>✓ Publishing App Workspace, Updates</li> <li>✓ Dataset Refresh Options with Data Source</li> <li>✓ Power BI Data Gateway - Architecture</li> <li>✓ Gateway Installation, Configuration</li> <li>✓ Using Gateways in Power BI Cloud</li> <li>✓ SSO - Single SignOn Security Options</li> <li>✓ Kerberos Authentication, Refresh Modes</li> <li>✓ Incremental Loads, Gateway Versions</li> <li>✓ Data Gateway - Privacy Levels</li> <li>✓ PBIEngw Service and ODG Logs</li> </ul>
<p><b>Video 19 : EXCEL, SECURITY, ALERTS</b></p> <ul style="list-style-type: none"> <li>✓ Using Excel with Power BI Reports</li> <li>✓ Using Excel Analyzer in Power BI</li> <li>✓ Using Excel Publisher in Cloud</li> <li>✓ Creating Datasets in Excel, Office 365</li> <li>✓ Cell Selection and PINS in Power BI</li> <li>✓ Excel Online Service - Edits and Pins</li> <li>✓ Excel ODC Connections - Power Pivot</li> <li>✓ Excel Workbooks, Reports, Dashboards</li> <li>✓ Import and Upload Options in Excel</li> <li>✓ Power Pivot Reports in with Excel</li> <li>✓ Security Levels in Power BI Cloud</li> <li>✓ Dashboard Security, Report Security</li> <li>✓ Dataset Security - Read, Reshare</li> <li>✓ App Workspace Security Management</li> <li>✓ Creating, Managing Alerts in Cloud</li> <li>✓ Row Level Security (RLS) with DAX</li> </ul>	<p><b>Video 20: REST APIs, CUSTOM VISUALS</b></p> <ul style="list-style-type: none"> <li>✓ REST APIs with Power BI Cloud Service</li> <li>✓ Streaming Datasets Creation in Power BI</li> <li>✓ API : Usage. SubKeys and Channels</li> <li>✓ Push and Pubnub Datasets in Power BI</li> <li>✓ Azure Stream for Real-time Data Reports</li> <li>✓ Real-time Data Tracking Visuals (Interactive)</li> <li>✓ Power BI Database for Streaming Datasets</li> <li>✓ Need for Spark Connections with Power BI</li> <li>✓ Using Streaming Datasets in Tiles in Cloud</li> <li>✓ Integrate Power BI Dashboards in REST API</li> <li>✓ Power BI Datasets in Power BI Desktop</li> <li>✓ Custom Visuals in Power BI - Usage</li> <li>✓ Import File and Import Market Place</li> <li>✓ Gantt Chart and Flow Map Custom Visuals</li> <li>✓ Heat Map and Table Heat Custom Visuals</li> <li>✓ Using PBIVIZ Files - Custom Visual Options</li> <li>✓ Preview Features in Power BI Desktop</li> <li>✓ Exporting to PDF, Data Cache Management</li> </ul>
<p><b>Video 21: POWER BI REPORT SERVER</b></p> <ul style="list-style-type: none"> <li>✓ Power BI Admin Console and Settings</li> <li>✓ Installing Power BI Report Server</li> <li>✓ Report Server Configuration Manager</li> <li>✓ Configuring Power BI Report Server</li> <li>✓ Report Server Database TempDB Database</li> <li>✓ Webservice URL, Webportal URL - Usage</li> <li>✓ Report Builder Installation &amp; Usage</li> <li>✓ SQL Server Data Tools (SSDT) Tool Usage</li> <li>✓ Designing Paginated Reports (RDL), Tests</li> <li>✓ Deploy to Power BI Report Server, Settings</li> <li>✓ Data Source Connections, Report Options</li> <li>✓ Register Power BI Report Server to Cloud</li> <li>✓ Tenant IDs Generation and Real-time Usage</li> <li>✓ Integrating Power BI Intranet &amp; Cloud</li> <li>✓ Creating Hybrid Cloud with Power BI</li> <li>✓ Publish RDL Reports to Power BI Cloud</li> </ul>	<p><b>Video 22 : POWER BI WITH SSAS, SSRS</b></p> <ul style="list-style-type: none"> <li>✓ SSRS Integration with Power BI</li> <li>✓ SSRS Report Portal URL to Power BI Cloud</li> <li>✓ Power BI KPI Reports Vs SSRS KPI Reports</li> <li>✓ Converting and Working with Mobile Reports</li> <li>✓ Report Builder Reports to Power BI</li> <li>✓ Generating QR Codes, Report Security</li> <li>✓ Using SSAS Databases with Power BI</li> <li>✓ IMPORT and CONNECT LIVE Options</li> <li>✓ Query Mode and Complete Cube Browse</li> <li>✓ Using MDX Queries with Power BI Queries</li> <li>✓ MDX SELECT and Perspective Access</li> <li>✓ KPIs and MDX Expressions with Power BI</li> <li>✓ Using KPIs in Power BI Reports, Usage</li> <li>✓ Cube &amp; Perspective Browsing in PBI</li> <li>✓ MDX Queries and Filters with Power BI</li> <li>✓ SSAS MDX Scripts with Power BI Visuals</li> <li>✓ MDX @ Tabular Mode OLAP in Power BI</li> <li>✓ DAX @ Tabular Mode OLAP in Power BI</li> </ul>

<ul style="list-style-type: none"> <li>✓ Paginated Reports Vs Interactive Reports</li> </ul>	<ul style="list-style-type: none"> <li>✓ DAX Filters with OLAP in Power BI</li> </ul>
<p><b>Video 23 : POWER BI with R</b></p> <ul style="list-style-type: none"> <li>✓ Introduction to R Language, Usage</li> <li>✓ R Scripts and R Visuals - Real-time Use</li> <li>✓ MRO : Microsoft R Open - Installation</li> <li>✓ MKL : Math Kernel Library Usage Options</li> <li>✓ R Language Compiler from RMAN</li> <li>✓ R Language License from Intel MKL</li> <li>✓ Enabling R Script in Power BI</li> <li>✓ Using R Script Visuals in Power BI</li> <li>✓ Installing R Studio for R Scripts</li> <li>✓ Install FORECAST Packages in R Studio</li> <li>✓ Using R Script Editor Window in R Studio</li> <li>✓ Writing R Scripts in Power BI. Executions</li> <li>✓ Using R Visual in Power BI Desktop</li> <li>✓ "game" Console in Power BI Report Fields</li> <li>✓ Console, Date and Search Options with R</li> <li>✓ Executing and Testing R Scripts</li> <li>✓ Power BI Limitations with R Visuals</li> <li>✓ Duplicate Data Removal with R Visuals</li> <li>✓ Power BI with R for Data Scientists</li> <li>✓ R Visuals - Limitations in Power BI</li> </ul>	<p><b>Video 24 : Power BI Real-time Project :</b></p> <ul style="list-style-type: none"> <li>✓ This Power BI Training includes ONE Real-time Project Implementation on LIVE, 24 x 7 Climate Control Datasets with Cloud and REST API Integration. This project uses Microsoft One Drive, High Level End User Collaborations with 360 degree Dashboards. Includes Power BI Report Server Paginated Reports and Data Gateways with Azure Data Sync and ODG Logs in Real-world.</li>   <li>✓ This Power BI Project includes Basic to Advanced Level implementation of Power Query and DAX Expressions with Variables and Parameters. Also includes Custom Functions with various types of Data Sources.</li> </ul>

**Mock Interview on all Module 3 Concepts  
FAQs and Answers**

**ALL TRAININGS ARE COMPLETELY PRACTICAL & REAL TIME**

**For Free Demo / Further Clarifications, please reach us (24 x 7) :**

**INDIA:** +91 9666440801 (Mobile)

**USA:** +1 (510) 400 - 4845 (Office)

**Mail:** [contact@sqlschool.com](mailto:contact@sqlschool.com)

**Skype:** [SQL School Training Institute](#)

**Website:** <http://www.sqlschool.com>