Power BI Course

BRBRAITT Centre Microsoft Power BI course introduces you to Power BI Desktop and how it is used with Power Pivot for Data Modelling. This course enables you to learn about **(DAX) Data Analysis Expressions** and Data Visualization with Power BI Desktop, Power View and Power Map. This Power Bi Certification course will also introduce you to Power BI Q&A, which enables you to discover, explore and visualize enterprise data using Natural Language. Enroll now to learn the best Power BI course offline or online.

Why You should Learn Power BI?

Power BI is a business intelligence tool provided by Microsoft. It provides interactive visualizations with self-service business intelligence capabilities, where end users can create reports and dashboards by themselves, without having to depend on any information technology staff or database administrator. Power BI certification course shares knowledge on how it provides cloud-based BI services - known as Power BI Services, along with a desktop-based interface called Power BI Desktop. It offers Data modelling capabilities including data preparation, data discovery, and interactive dashboards.

Who should go for Microsoft Power BI Training?

The Microsoft Power BI Training at **BRBRAITT Centre** is for all the professionals who are passionate about business intelligence, data visualization, and data analytics. It is best suited for:

Entry-level Professionals

Business Analysts

Business Intelligence Manager

Statisticians and Analysts

Data Scientist

BRBRAITT Centre Power BI course is relevant for people who want to learn how to create customized visual reports and how to use the Power BI tool. You will get hands-on experience

on real-time projects and assignments that have high relevance in the corporate world, and industry experts design the Power BI course curriculum.

Power BI Syllabus:

Introduction to Power BI

- Introduction to Business Intelligence
- Introduction to Power BI
- Traditional BI vs. Power BI
- Power BI vs. Other BI Tools
- Uses of Power BI
- The Flow of Work in Power BI
- Working with Power BI
- Basic Components of Power BI
- Comparison of Power BI Version
- Introduction to Building Blocks of Power BI
- Data model and importance of Data Modelling

2. Data Transformation

- Data Cleaning Using Power BI Query Editor
- Transforming Data (Basic Transforms)
- Transforming Data (Add Column From Example)
- Transforming Data (Appending Queries)
- Transforming Data (Merging Queries)
- Transforming Data (Combine Files)
- Transforming Data (M Query Basics)
- Transforming Data (Parameters and Templates)
- Transforming Data (Other Query Features)
- Transform, Clean, Shape, and Model Data
- Manage Data Relationship
- Editing a Relationship
- Cross Filter Direction

3. Data Analysis Expression (DAX)

- What is DAX (Overview)
- What is DAX (Tabular)
- Creating Calculated Columns (Basics)
- Creating Calculated Columns (Basics Continued)
- Navigation Functions
- Conditional and Logical Functions
- Creating Calculated Measures
- Time Intelligence (Overview)
- Time Intelligence (Time Intelligence Functions)
- Using X-Functions and A-Functions
- Table Functions
- DAX as a Query Language

3.1 Advanced DAX

- Class Introduction (Class Files)
- Class Introduction (Why Advanced DAX)
- Working with Variables
- Working with Filter Context (What is Filter Context?)
- Working with Filter Context (CALCULATE)
- Working with Filter Context (Overriding Filter Context)
- Working with Filter Context (FILTER)
- Working with Filter Context (FILTER and ALL)
- Working with Filter Context (ALLEXCEPT)
- Working with Filter Context (Totals)
- CALCULATE and Time Intelligence (YTD and MTD)
- CALCULATE and Time Intelligence (Rolling 12 Months Total)
- CALCULATE and Time Intelligence (Rolling 3 Month Average Total)
- Semi-Additive Measures (Overview)
- Semi-Additive Measures (Opening and Closing Balance)
- Row Context (Understanding Row Context and Context Transition)
- Row Context (Working with Iterator Functions)
- Error Handling

- Security (Implementing Basic Security)

- Security (Dynamic Security)

- Security (Implementing Basic Security – Tabular)

- Security (Dynamic Security – Tabular)

- Role Playing Dimensions (Multiple Table Import)

- Role Playing Dimensions (USERELATIONSHIP)

- Advanced DAX Function (CONTAINS)

- Advanced DAX Function (FIND)

- Advanced DAX Function (SEARCH and SUBSTITUTE)

- Advanced DAX Function (ALLSELECTED)

- Advanced DAX Function (RANKX)

4. Data Visualization

- Introduction to Visualizing Data

- Creating Basic Reports with the Power BI Desktop

- Creating Interactive Reports (Adding Slicers for Filters)

- Creating Interactive Reports (Visualizing Tabular Data)

- Creating Interactive Reports (Visualizing Categorical Data)

- Creating Interactive Reports (Visualizing Data Trends)

- Creating Interactive Reports (Visualizing Categorical and Trend Data Together)

- Creating Interactive Reports (Visualizing Geographical Data with Maps)

- Creating Interactive Reports (Visualizing Goal Tracking)

- Creating Interactive Reports (Using Custom Visuals)

- Creating Interactive Reports (Digital Storytelling)

- Creating Interactive Reports (Other Features)

- Using the Power BI Service (Deploying to the Power BI Service)

- Using the Power BI Service (Creating and Sharing Dashboards)

- Using the Power BI Service (Using Power BI Q&A)

- Using the Power BI Service (Setting up App Workspaces)

- Using the Power BI Service (Excel Integration)

- Using the Power BI Service (Export and Embed Options)
- Refreshing the Data (Refreshing Data Overview)
- Refreshing the Data (Installing the Data Gateway)
- Refreshing the Data (Scheduling a Data Refresh)
- Mobile BI (Power BI Mobile Overview)
- Mobile BI (Designing Reports and Dashboards for Mobile)
- Mobile BI (Interacting with the Power BI Mobile App)