

Power BI

Day-wise syllabus

Duration: 60 Hours

Day	Topic
1	INTRODUCTION TO POWER BI <ul style="list-style-type: none">• Introduction• Downloading, Installing, and Activating the New Features in Power BI
2	BASIC CHARTS IN POWER BI <ul style="list-style-type: none">• Section Overview• Creating a Column Chart in Power BI• Creating a Stacked Column Chart in Power BI• Creating a Pie Chart in Power BI• Creating a Donut Chart in Power BI• Creating a Funnel Chart in Power BI• Creating a Ribbon Chart in Power BI• Include and Exclude in Power BI• Exporting Data from Visuals
3	MAPS IN POWER BI <ul style="list-style-type: none">• Basic Maps in Power BI• Creating a Filled Map• Creating a Map with a Pie Chart• Formatting a Map• Changing the Background in a Map• Creating the Map of India in Power BI• Creating the Map of Australia in Power BI
4	TABLES AND MATRIX IN POWER BI <ul style="list-style-type: none">• Creating a Table• Formatting a Table• Conditional Formatting in a Table• Aggregation in a Table• Matrix• Conditional Formatting in a Matrix.• Hierarchies in a Matrix• Sub-Total and Total in a Matrix• Formatting Numbers in a Table
5	OTHER CHARTS IN POWER BI <ul style="list-style-type: none">• Section Introduction• Line Chart in Power BI• Drill Down Line Chart in Power BI• Area Chart in Power BI• Line Chart versus Column Chart in Power BI• Scatter Plot in Power BI• Waterfall Chart in Power BI• TreeMap in Power BI• Gauge Chart in Power BI
6	CARDS AND FILTERS IN POWER BI

	<ul style="list-style-type: none"> • Introduction • Number Card in Power BI • Text Card in Power BI • Formatting a Text Card in Power BI • Date Card • Date Card (Relative Filtering) • Multi-row Card • Applying Filters on Visuals • Applying Filters on a Page • Using Filters on All Pages • Drillthrough in Power BI
7	SLICERS IN POWER BI <ul style="list-style-type: none"> • Slicers in Power BI • Text Slicers in Power BI • Formatting a Text Slicer • Date Slicers in Power BI • Formatting a Date Slicer • Number Slicers in Power BI
8	ADVANCED CHARTS IN POWER BI <ul style="list-style-type: none"> • Advanced Charts in Power BI • Creating an Animated Bar Chart Race • Drill Down Donut Chart • Drill Down Column Chart • Creating a Word Cloud in Power BI • Creating a Sankey Chart in Power BI • Creating an Infographic in Power BI • Creating a Play Axis in Power BI • Creating a Scroller in Power BI • Creating a Sunburst Chart in Power BI • Creating a Histogram in Power BI
9	POWER BI OBJECTS, BOOKMARKS, AND ACTIONS <ul style="list-style-type: none"> • Inserting Images in Power BI • Inserting Text in Power BI • Inserting Shapes in Power BI • Inserting Buttons in Power BI • Inserting a Web Uniform Resource Locator (URL) in Power BI • Inserting a Page Navigation Option in Power BI • Inserting a Bookmark Option in Power BI • Drillthrough Action in Power BI
10	POWER BI SERVICES <ul style="list-style-type: none"> • Creating a Report in Power BI • Creating an Account in the Power BI Service • Publishing a Report to the Power BI Service • Exporting a Report to PPT, PDF, and PBIX • Commenting, Sharing, and Subscribing to Power BI Reports • Creating a Dashboard in the Power BI Service • Problems in the BI Dashboard and their Solution • Automatically Refreshing Reports in the Power BI Service

11	TEXT FUNCTIONS IN POWER QUERY <ul style="list-style-type: none"> • Text Functions in Power Query • Merging Columns in Power Query • Split and Trim Functions • Upper Case, Lower Case and Proper Case • Adding Prefixes and Suffixes • Left, Right, and Mid Functions in Power Query • Extracting Text with Delimiters
12	DATE FUNCTIONS <ul style="list-style-type: none"> • Date Functions • Year, Quarter, and Day Functions • Difference between Dates • Month and Day Name • Finding Day and Week of the Week/Month/Year • Extracting the Date and Time • Calculating Age • Day of Year, Quarter, or Month
13	NUMBER FUNCTIONS IN POWER QUERY <ul style="list-style-type: none"> • Number Functions • Basic Number Functions • Percentage, Percent of, and Modulo Functions • Rounding Off Functions • IsEven and IsOdd Functions
14	APPENDING DATA IN POWER BI <ul style="list-style-type: none"> • Appending Data • Appending Multiple Comma Separated Values (CSV) Files in a Folder • Appending Multiple Excel Sheets and Tables • Appending Excel Sheets or Tables with Different Columns • Appending Multiple Files from a Folder • Appending Different Data Source
15	INTRODUCTION TO MERGE QUERIES <ul style="list-style-type: none"> • Merge Queries • Merging Sheets or Tables • Merging Data from Multiple Excel Files • Merging Data from Different Data Sources • Merging Data Having Multiple Criteria
16	INTRODUCTION TO CONDITIONAL COLUMN AND COLUMN FROM EXAMPLES <ul style="list-style-type: none"> • Section Introduction • Column from Examples - Splitting Text • Column from Examples - Merging Columns • Column from Examples - Date • Column from Examples - Alphanumeric • Conditional Column - One Column • Conditional Column- Two Columns • Conditional Column- Comparing Two Columns • Conditional Column - On Dates

17	IMPORTANT TOPICS IN POWER BI <ul style="list-style-type: none"> • Section Introduction • Working with the Fill up and Fill Down Options • Grouping in Power BI • How to Transpose? • How to Unpivot? • What are Data Types? • Replacing Errors and Values • Keeping and Removing Rows • Adding, Removing, and Going to Specific Columns
18	M LANGUAGE <ul style="list-style-type: none"> • M Language • Introduction to M Language • ISINDATE Function in M Language • Adding and Subtracting Dates Using M Functions • Basic Date M Functions • Basic Text M Functions • Writing a Simple M Code • Tricks to Get Help on More than 900 M Functions
19	Project Work
20	Project Work