

# BI Developer (Business Intelligence) Power BI

Sno	Topics
1	<p><b>Understanding Power BI</b>  <b>Download &amp; Install</b>  <b>The Three Views In Power BI</b>  <b>Important: Initial Settings</b>  <b>Query Editor - Basic data cleaning</b>  <b>Working with the attached project files</b>  <b>Edit rows &amp; columns,Data Types,Replacing ValuesData Types, Replace &amp; Edit rows</b></p>
2	<p><b>Data Preparation &amp; Data Modules Fundamentals</b>  <b>Extracting values,Split columns,Text operations,Numerical operations</b>  <b>Creating relationships (data model)</b>  <b>Stacked column chart &amp; Pie chart</b></p>
3	<p><b>Data Preparation &amp; Visualization</b>  <b>Append Queries, Merge &amp; Group, Dates &amp; Hierarchies, Line Chart</b>  <b>Files from a folder, Fact-Dimension modelEdit relationships &amp; cardinality</b>  <b>Activate &amp; deactivate relationships</b>  <b>Manage &amp; autodetect relationships</b></p>
4	<p><b>Intermediate Data Transformation</b>  <b>Tables, Customizing tables, Merging Queries, Unpivot &amp; Pivot&amp;Many-to-Many</b>  <b>Relationship, Filter Visual</b></p>
5	<p><b>Intermediate Inter Active VisualizationFilters Pane, Top N Filter,]Sync Slicers, Treemap Visuals, Edit interactions, Drillthroughs, Keep filters with drill through, Tooltips</b>  <b>Custom column, Enable &amp; Disable Load, References vs. Duplicates. Columns from example</b></p>
6	<p><b>Advanced Visualization</b>  <b>Visual Header &amp; Sorting, Conditional Coloum, Maps, filled maps,Forecast</b>  <b>Drill Through with Button, Books marks, Top products,Cards, Multi Row Cards</b></p>

## • Power BI

Sno	Topics
7	<p><b>Para meters &amp; Functions</b>  <b>Get data from a web page, Use parameters with a web page</b></p>
8	<p><b>Understanding Calculated Columns, Understanding, Measures</b>  <b>AVERAGE, COUNT, DISTINCT COUNT, COUNTROWS</b>  <b>SUM, AVERAGEX &amp; ROUND</b>  <b>RELATED &amp; Data Model, CALCULATE, Filter problems</b>  <b>FILTER</b>  <b>Logical operators</b></p>
9	<p><b>DAX - Advanced</b>  <b>ALL</b>  <b>ALL on columns</b>  <b>ALL EXCEPT</b>  <b>ALL SELECTED</b>  <b>DATEADD</b>  <b>Year-to-Date &amp; Month-to-Date</b>  <b>ROUNDING functions</b>  <b>FORMAT</b></p>

# • TABLEAU

sno	Topics
1	<p> <b>What is Data Visualisation?</b>  <b>Business Intelligence Tools</b>  <b>Introduction To Tableau</b>  <b>Tableau Architecture</b>  <b>Tableau Server</b>  <b>Installation</b>  <b>Tableau Interface</b> </p>
2	<p> <b>Data Preparation in Tableau</b>  <b>Features of Tableau Desktop</b>  <b>Save Workbook in Different Format</b>  <b>Basic Charts : Bar Chart, Line Chart, Pie Chart</b>  <b>Hierarchies</b>  <b>Sorting, Filtering &amp; Grouping</b>  <b>Calculation in Tableau</b> </p>
3	<p> <b>Geographic Visualisations In Tableau</b>  <b>Introduction to Geographic Visualisations</b>  <b>Manually assigning Geographical Locations</b>  <b>Types of Maps</b>  <b>Spatial Files</b>  <b>Custom Geocoding</b> </p>
4	<p> <b>Advance Charts In Tableau</b>  <b>Box And Whiske's Plot</b>  <b>Bullet Chart</b>  <b>Bar in Bar Chart</b>  <b>Gantt Chart</b>  <b>WaterFall Chart</b>  <b>Pareto Chart</b>  <b>Bump Chart</b>  <b>Funnel Chart</b>  <b>Word Chart</b>  <b>Control Char</b> </p>

## • TABLEAU

sno	Topics
5	<p><b>Introduction To Dashboard &amp; Story</b></p> <p><b>Dashboard Interface</b></p> <p><b>Dashboard Object</b></p> <p><b>Building a Dashboard</b></p> <p><b>Dashboard Layout and Formatting</b></p> <p><b>Interactive Dashboard With Actions</b></p>

## • GOOGLE DATA STUDIO

sno	Topics
1	<p><b>Introduction</b></p> <p><b>Why Google Data Studio</b></p> <p><b>Google Data Studio VS Tableau VS Power BI</b></p> <p><b>Getting Started With Google Data Studio</b></p> <p><b>Loading Data From Google Sheets</b></p>
2	<p><b>Creating Tables</b></p> <p><b>Formatting and Sorting Tables</b></p> <p><b>Multiple Measures</b></p> <p><b>Conditional Formatting</b></p> <p><b>Methods Of Aggregation</b></p> <p><b>Comparison Calculation</b></p> <p><b>Running Total Calculation</b></p> <p><b>Drill Down</b></p> <p><b>Working With Dates</b></p>
3	<p><b>Introduction to Time Series Graphs</b></p> <p><b>Create Time Series Graphs</b></p> <p><b>Changing Time Periods</b></p> <p><b>Styles and Formatting</b></p> <p><b>Time Series Chart Option</b></p> <p><b>Area Graph</b></p>

## • GOOGLE DATA STUDIO

sno	Topics
4	<p>Column and Bar Chart</p> <p>Pie Chart</p> <p>Geographical Analysis</p> <p>TreeMap Chart</p> <p>ScatterPlot Chart</p> <p>Custom Visualisation</p>
5	<p>Introduction to Dashboard</p> <p>Building Dashboard</p> <p>Types of Dashboard</p> <p>Creating Dynamic Dashboard</p> <p>Sharing Dashboard</p>

Title	Duration	Fees	Prerequisite	Qualification
<p><b>BI Developer</b>  <b>(Business Intelligence) -</b>  <b>Power BI, Tableau, Google</b>  <b>Data Studio</b></p>	<p><b>1 month</b></p>	<p><b>15,000</b></p>	<p><b>Basic computer</b>  <b>knowledge</b></p>	<p><b>Any Graduate /</b>  <b>Under graduate</b></p>