

# Online Training Course for Tableau

For any queries contact: +91 9768866697

Session No	Module Name	Detailed Topic	Week
1	Introduction	What is Visualization?	Week1
		What Is Dashboard?	
		Why Tableau?	
		Comparison of Tableau with other tools	
		Limitations of Tableau	
		Tableau Desktop, Server and the Tableau Product Line	
		Application Terminology	
		Visual Cues for Fields	
		Tableau Installation	
2	Connecting to files	Connecting to data – Basics	
		Editing Data connections and data sources	
		Editing Metadata and saving data sources	
		Joins in Tableau	
		Data Source level Filters	
3	Connecting to Databases	Connecting to Oracle, SQL Server, Google Analytics, Different RDBMS Databases	Week2
		Connecting to Big Databases like HDFS, Hive, Greenplum, Teradata	
		Calling Stored Procedure in Tableau	
		Join Types	
		Custom SQLs	
4	Creating Basic Visualizations	Getting Started in Tableau Desktop	
		Elements of Visualization	
		Understanding of Dimensions & Measures	
		Basic Graphs	
		Bar Chart	
		Stacked Bar Chart	
		Line Chart	
		Area Chart	
		Pie Chart	
		Filled Maps	
		Symbol Maps	
		Scatter Plots	

		Trend Line	
		Bullet Chart	
		Part to Whole Chart	
		Tree Map	
		Word cloud	
		Bubble Chart	
		Discrete Line Charts	
		Discrete Area Charts	
		Highlight Table	
		Heat Map	
		Cross Tabs	
		Normal Tables	
		Grand Totals, Sub-totals and Changing Aggregation	
5	Dual Axis Graphs	Dual line chart	Week3
		Side by side bar chart	
		Donut Chart	
		Map and Pie Chart	
		Map and Donut Chart	
		Bar in Bar Chart	
		Bar & Circle Chart	
		Measure Name & Measure Values	
		Multi-line chart	
		Combo Charts	
		Highlight table with Multiple Measures	
6	Simplifying and Sorting Your Data	Data Filtering	Week4
		Local Filters	
		Global Filters	
		Data Source Level Filters	
		Context Filters	
		Sorting	
		Sorting Single Dimension Graphs	
		Sorting Multi Dimension Graphs	
		Sorting by Different Measures	
7	Organizing your Data	Using Groups	Week4
		Static Groups vs. Dynamic Groups	
		Creating and Using Hierarchies	
		Creating a Combined Field	
		Using Sets	
	Slicing your Data by Date	Working with Dates	
		Using Discrete Date Parts	
		Creating Date Filters	
		Defining a Fiscal Year	
		Creating Custom Dates	

8	Data Blending	What is Data Blending?	Week5
		Data Blending on Multiple columns	
	File Types in Tableau	TWB vs TWBX, TDE, TDS vs TDSX, TBM	
9	Connection Types	Live Connection Vs Data Extracts	Week5
		Creating Extracts	
		Using and Refreshing Extracts	
		Incremental Refresh	
10	Dashboard Creation	Creating Dashboards	Week6
		Actions in Tableau	
		Navigation Buttons	
		Dashboard Formatting	
		Bringing Images, web pages in Tableau	
		Usage of Containers	
		Best Practices in Dashboard Designing	
11	Calculations and Statistics	Edit in Shelf	Week6
		Introduction to Calculations	
		Statistical Calculations	
		Calculation Types	
		Creating Calculated Fields	
		Using Logic Statements	
		Type Conversions and Date Calculations	
		Using Quick Table Calculations	
		Calculations and Aggregations	
		Conditional Formatting	
12	Level of Details Expressions	Usage of curly braces	Week7
		Use of LoD functions – Fixed, Include & Exclude	
13	Advance Chart Types	Histogram	Week7
		Box plot	
		Waterfall Charts	
		Funnel Charts	
		Pareto Charts	
		Control Charts	
		Motion Charts	
14	Using Parameters for Dynamic Values	What if Analysis using parameters	Week9
		Parameters as Column Selectors	
		Dynamic Reference lines using Parameters	
		Dynamic Top N values using Parameters	
		Graph selector using Parameters	
16	Sharing Your Work	Export to an Image File	Week9
		Exporting the Data Only	
		Other Sharing Options	
		Integrating Dashboard to Other Portals	
		Publishing Dashboards on Tableau Public	

17	Dashboard Best Practices	Sizing	
		Dashboard Designing	
		Creating KPIs	
		Dashboard Formatting	
		Data Visualization Best Practices	
		Making Efficient Dashboard	
	Story Telling	Why Storytelling?	
		How to Create Story Board	
18	Tableau Server	Introduction	
		Tableau Server Installation	
		Tableau Settings	
		Dashboard Publish and Access	
		Tableau Admin Activities	
		- Add / Edit/ Delete Users	
		- Add / Edit/ Delete Groups	
		- Add / Edit/ Delete Projects	
		- User Permissions	
		- Dashboard Refresh Schedule	
		- Server Reports	
		- Tableau Server Authentications	
		Tableau License Handling	
		Tableau Dashboard Migration	
		Tableau Performance Tracking	