

## Tableau

Tableau is a visual Analytics platform.

Tableau was founded in January 2003.

Tableau bought by Salesforce – 1 August 2019

### Features of Tableau

Tableau Public

Tableau Desktop

Tableau Servers

Community

Compatible

### Advantages of Tableau

Drag and Drop

Tableau can handle large data sets Very Efficiently.

### Disadvantages of Tableau

Costly

Preprocessing

	Tableau Public	vs	Tableau Desktop
Data Sources	➤ 7 Data Sources – Excel , Text, pdf etc.		➤ Several Connectors – Cloud, Database .
Amount of Data	➤ 1.5 Million rows of data.		➤ Unlimited Data.
Uploading / Sharing	➤ Locally and Tableau Public .		➤ Locally and share in workspace.
Cost	➤ FREE.		➤ Paid(14 days trial).

### Data Model

1. Star Schema  
Multiple tables attached  
Fact – order, revenue , profit
2. Snowflake

### Data Types in Tableau

Data type icons in Tableau	
Icon	Data type
	Text (string) values
	Date values
	Date & Time values
	Numerical values
	Boolean values (relational only)
	Geographic values (used with maps)
	Image role (used with image link URLs)
	Cluster Group (used with <a href="#">Find Clusters in Data</a> )

### Data Cleaning in Tableau

### Measures & Dimensions

### Chart in tableau

### Bar , pie & line chart in tableau

### Map visuals in tableau

### Scatter Plot

### Advance Data Type in Tableau

- Groups
- Bins
- Sets

### Heatmaps in tableau

### Using Tree maps, Bubble Chart & Word cloud in tableau

### Introduction to calculated fields in Tableau

Parameter in Tableau

Dashboard

Action in Tableau

[link](#) – part 1<sup>st</sup>

[link](#) – part 2<sup>nd</sup>