**ASSIGNMENT 3**

**Explain different types of data connection in tableau desktop with examples?**

* There is main connection in tableau desktop are-

1. **To a File**
2. **To a server**

* **TO File-** Tableau offers variety of option to connect data and get it from your system.

Such as Microsoft excel, Pdf Files, Text file, Spatial files.

In such addition from more options can access data from your system and connects with tableau.

Tableau redirects you to previously save date in your system as tableau workbooks.

* **TO a Server-**

The connection which can access from online data source which is countless.

Such as

1. Server based relational database-

Mysql ,tableau server , salesforce, mango db , oracle

1. Cloud base data sources-google cloud , amazon aurora
2. Web based data sources- web data connectot
3. Big data sources-google bigquery.

When have to connect such data connectors have to give basic information such as password , server name etc. Depends on package you provide tableau offers you range of the connection to access on the tableau desktop.

**List out the data types supported by tableau-**

* Text Value
* Numerical Value
* Boolen Value
* Geological Value
* Date Value
* Date and time Value
* Cluster Value

**How to Change the data type of given column at data sheet level -**

* By right click on the any data on the worksheet on left side.
* After right click there you will show the various option .
* Out of that various option select on the **Change data type.**
* Now you will show various option data out of which select one for better visulazation.

**How to change data type of given column at data source page-**

* Fist add data file in tableau .
* Then at data page source select data in data table and apply join or blend.
* Then data can see at the bottom side of the page and in this top row can see data type icon .
* On this click and then change the data type for better visualazations.