

# Tableau

Assignment:7



# 1.What types of joins are supported by tableau?

We may need to join data from multiple sources or join data from different tables in a single source. Tableau provides the feature to join the table by using the data pane available under Edit Data Source in the Data menu.

Basically Tableau provides 4 type of joins:

1. Inner join
2. Left
3. Right
4. Full outer join



## 2.What is the difference between tableau public and tableau desktop?

The Tableau Desktop is data visualization software that lets you see and understand data in minutes. The professional version of this can transform, process and store huge volumes of data which is responsible for all the data-driven decision making of an organization.

The Tableau Public is essentially a free version of Tableau visualization software. It allows you to use most of the software functions. You can create visualizations and connect to CSV, Text and Excel documents. However, the largest difference is that Tableau Public does not allow you to save your workbooks locally.



### **3.What are the different types of connections provided by Tableau?**

Tableau provides 2 types of connections:

- 1.Live connection
- 2.Extract connection



## 4.Explain each type of connection.

**1. Live connection:**There is a direct connection with the Data present in the data source.

**Advantage:** We will always get the latest data into the workbook automatically; while we are interacting with the workbook, or every time we reload the Dashboard.

**Disadvantage:** Performance might be slow, as there is going to be network dependency and the performance of the data source will determine the performance of Tableau.



**2.Extract Connection:** This is where we can fetch a copy of the data from the data source and save it locally (either on the local machine or a shared folder in a drive) and access the data from there.

**Advantage:** We get offline access to the data, and as we would be accessing the data from our own machine or folder ,the performance will be better than Live connection.

**Disadvantage:** No “Live” data. As we would be working with the data that has been extracted in the past, we may miss out on the latest updates to the data.