≡ Technical Interview Questions

Mastering Tableau

1. Why is Tableau better than other BI tools? Give reasons.

Tableau is better than other BI tools because-

● It is easy to use.

● It integrates with Python, R and other scripting languages.

● It also provides high reliability and performance and can handle millions of data records.

● It can ingest data from any source and create beautiful dashboards.

2. What is a Parameter in Tableau?

A parameter is a workbook variable in Tableau such as number, date, or string that can replace a constant value in a calculation, filter, or reference line. A parameter allows the end user to change the content that appears in worksheets and dashboards. It can help narrow down the focus of analysis while entering conditions into parameters.

3. Explain the different types of JOINS in Tableau.

There are four types of JOINS in Tableau:

● INNER JOIN- It is used to join two tables based on the matched common values.

● LEFT JOIN- It is used to join two tables based on the matched common values and all values in the left table.

● RIGHT JOIN- It is used to join two tables based on the matched common values and all values in the right table.

● FULL OUTER JOIN- It is used to join two tables that contain all values from both tables irrespective of the matched common values.

4. What are the advantages and disadvantages of Tableau?

Advantages of Tableau are:

● It has multiple data source connections.

● It is easy to use.

● It has high visualisation capabilities.

● It has high performance i.e. it can operate on a large amount of data.

● It is mobile friendly.

Disadvantages of Tableau are:

● It has a high cost.

● It needs manual effort.

● There is no automatic refreshing of reports.

● It requires knowledge of SQL.

● There is no version control.

5. What is a Filter? Explain different types of filters in Tableau.

Filter is used to segregate the data based on dimensions and reduce the number of records present in a dataset for faster processing.

There are six types of filters in Tableau:

● Extract Filters- They are used to filter the extracted data from the data sources. These filters are used only if the user extracts the data from the data source. It also helps to lower the queries to the data source.