**Assignment No. 7**

**Aim:** Review the data and make a visualization(s) on given data set

**Objective:**

* To learn how to import the data in tableau.
* To perform analytics and visualization in tableau.
* Create the dashboard , build the story and share it.

**Problem Statement:**

1. For the given Music Company database with following Dimensions, generate analytical reports. Music company database is described by following schemas:

* **Album:** stores album’s data
* **OrderDetails:** stores sales order line items for each sales order.
* **Orders:** stores sales orders placed by customers.

1. Import the database in tableau, View the database in various forms.
2. Identify and create required measures.
3. Generate the reports on different dimensions and measures(min . 5)
4. Build the story for above reports.
5. For the given Indian crime dataset perform the following
   1. Display the analytical reports (min 3)
   2. Create the Dashboard to share with others.

**Theory:**

**Explain:**

* Introduction of Tableau: History, purpose, data types, strengths, weakness.
* Data exploration techniques- graphs with its purpose.
* Data visualization and analytics -explanation

**Input:**

* MySQL database- dump.sql
* indiancrime.csv

**Output:** data analysis reports

**Platform:** Windows

**Conclusion:** Thus, we have learned different report generation using analytics and visualization techniques in tableau on .csv file and MYSQL database.

**FAQ’s:**

1. What is Tableau?

### **What are the five main products offered by Tableau?**

### **What are the different types of joins in Tableau?**

### **What are the different filters in Tableau and how are they different from each other?**

### **List the different ways to perform analytics in Tabeau?**