

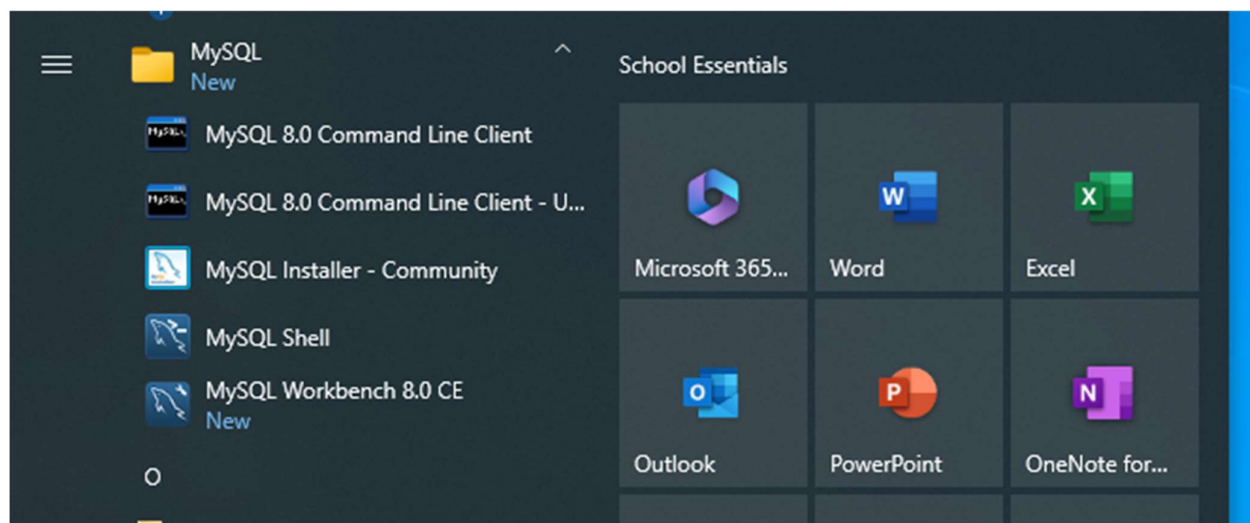
SMART BRIDGE – DATA ANALYTICS

Name : MUTHU KRISHNAN P

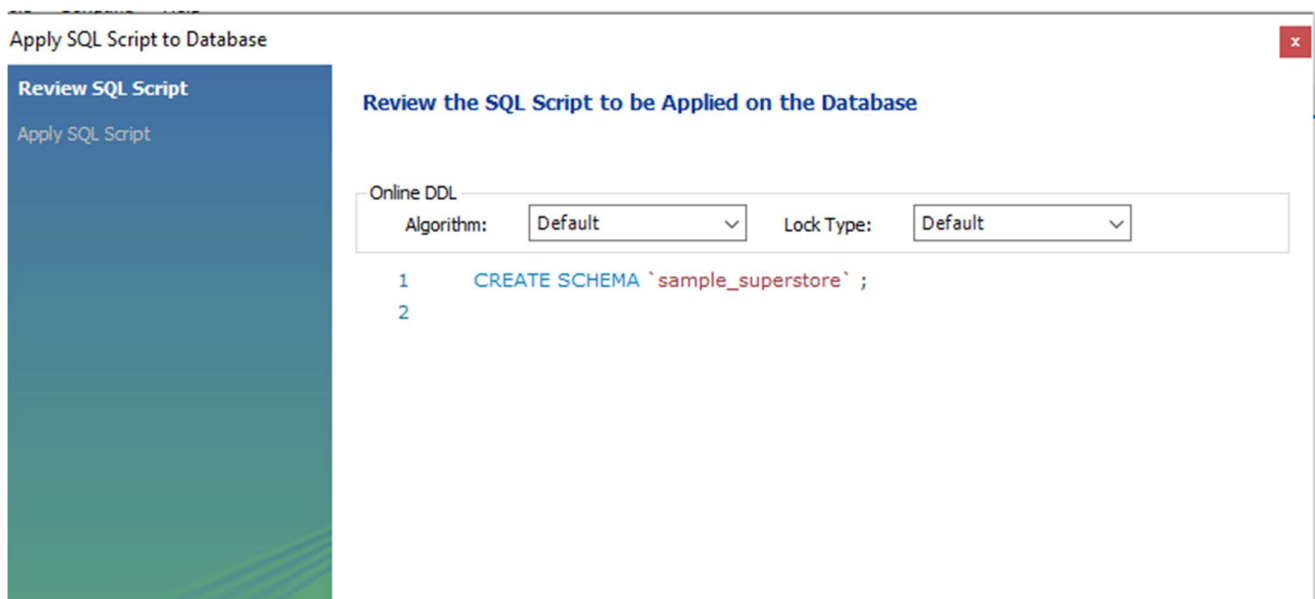
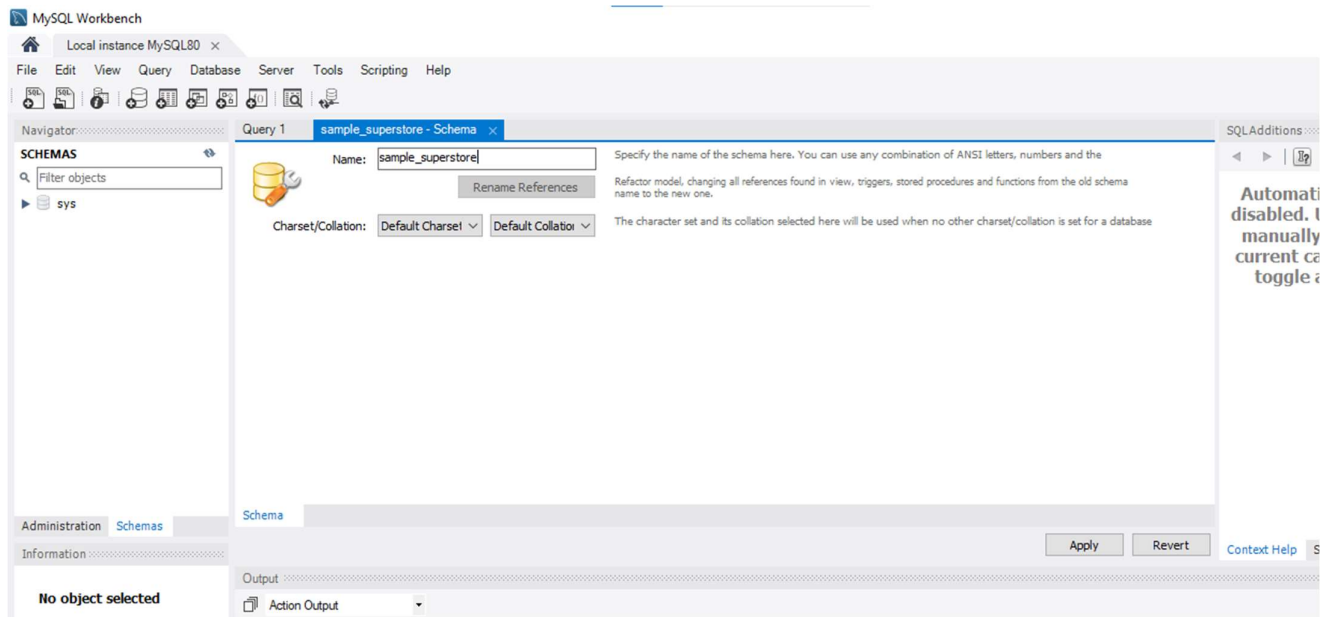
Reg.No : 20BDS0363

ASSIGNMENT – 1

1.Download Tableau desktop & Mysql in your PC or laptop.



2.Create a new schema n your Mysql workbench and upload your data.



Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution.
Press Show Logs to see the execution logs.

☒ Execute SQL Statements

SQL script was successfully applied to the database.

MySQL Workbench

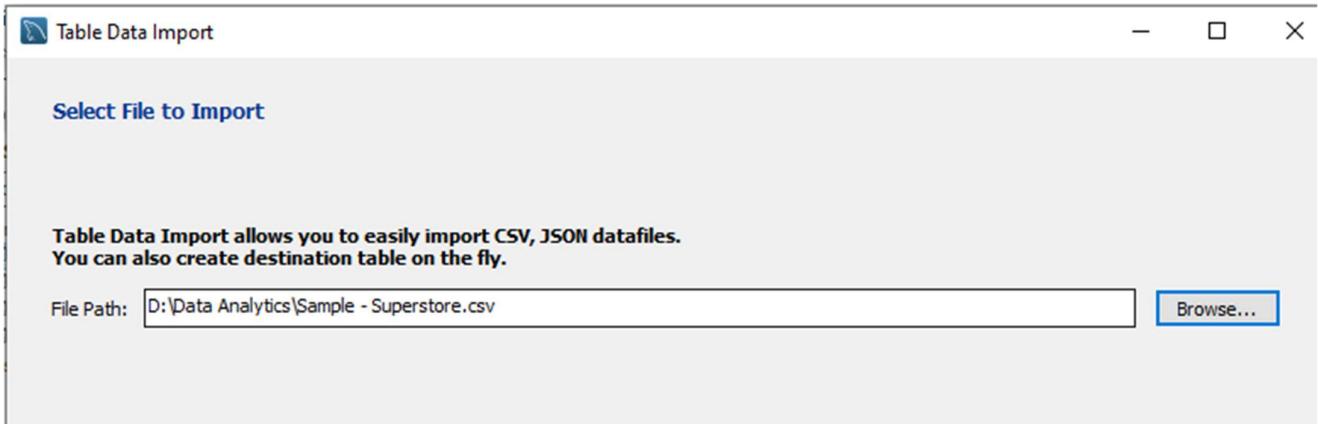
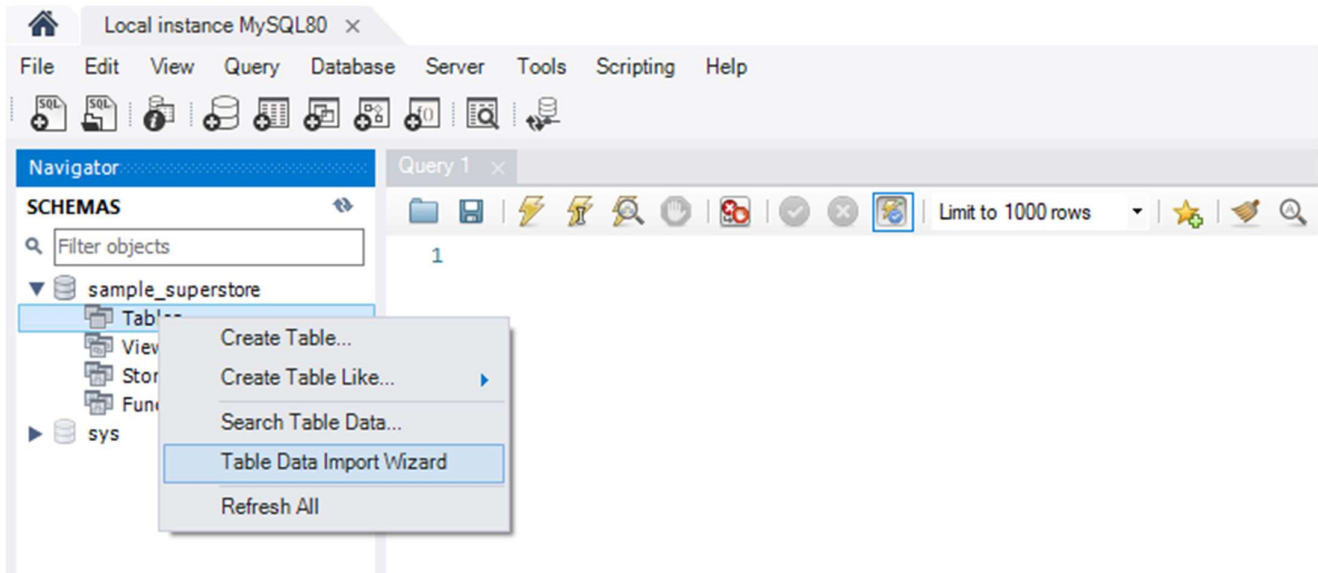


Table Data Import

Import Results

File D:\Data Analytics\Sample - Superstore.csv was imported in 7.961 s

Table sample_superstore.sample - superstore was created

138 records imported

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sample_superstore

Tables

sample_superstore

Views

Stored Procedures

Functions

sys

Query 1

Limit to 1000 rows

1 • USE sample_superstore;

2 • SELECT * FROM sample_superstore;

Result Grid

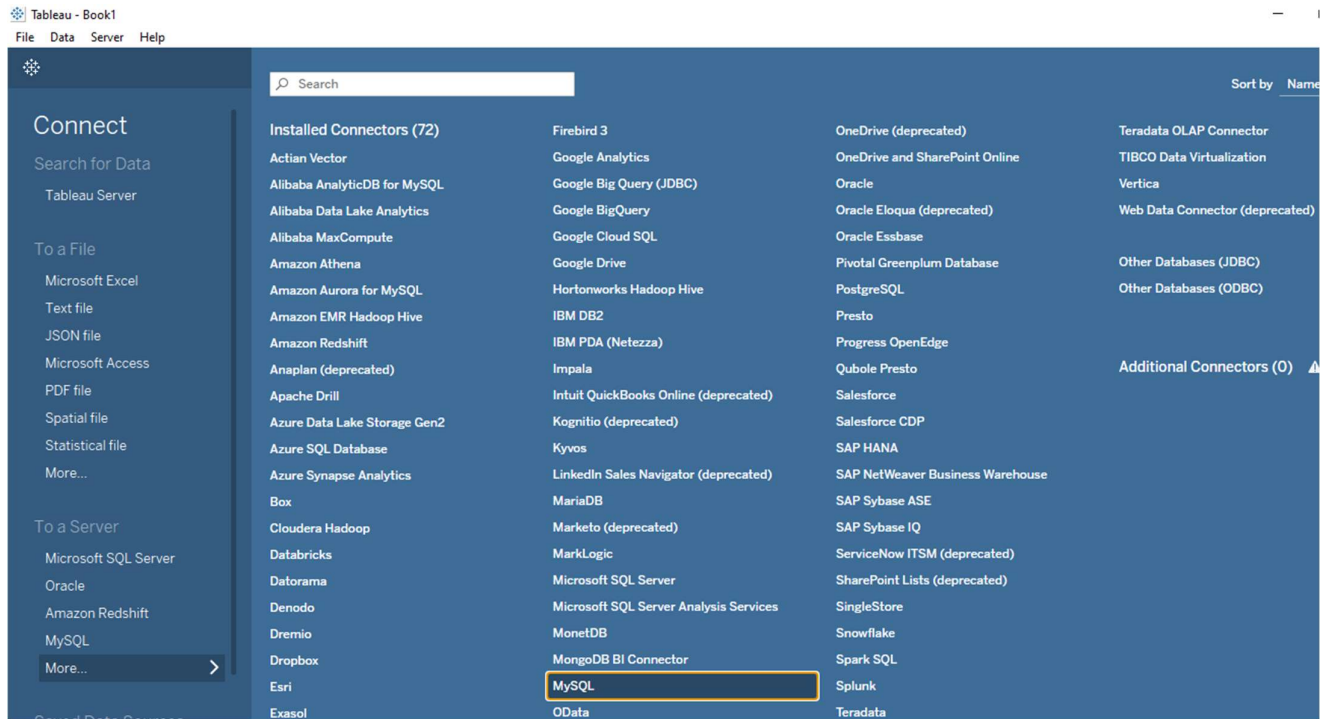
Filter Rows:

Export: Wrap Cell Content:

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	S
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Ke
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Ke
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	Cz
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Fk
5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Fk
6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Cz

Result Grid Form Editor Read Only

3. Connect your Mysql and Tableau.



The screenshot shows the 'MySQL' connection configuration dialog box. It has two tabs: 'General' and 'Initial SQL'. The 'General' tab is active. The fields are as follows:

- Server: localhost
- Port: 3306
- Database: sample_superstore
- Username: root
- Password: [masked with dots]
- ☐ Require SSL

A 'Sign In' button is located at the bottom right of the dialog.

Tableau - Book1

File Data Server Window Help

Connections Add

localhost MySQL

Database sample_superstore

Table sample_superstore

New Custom SQL

New Union

New Table Extension

sample_superstore (sample_superstore)

Connection Live Extract

Filters 0 Add

sample_superstore

Need more data?

Drag tables here to relate them. [Learn more](#)

sample_superstore

rows

#	sample_superstore	Abc sample_superstore	Abc sample_superstore	Abc sample_superstore	Abc sample_superstore	Abc sample_superstore
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	

Update Now

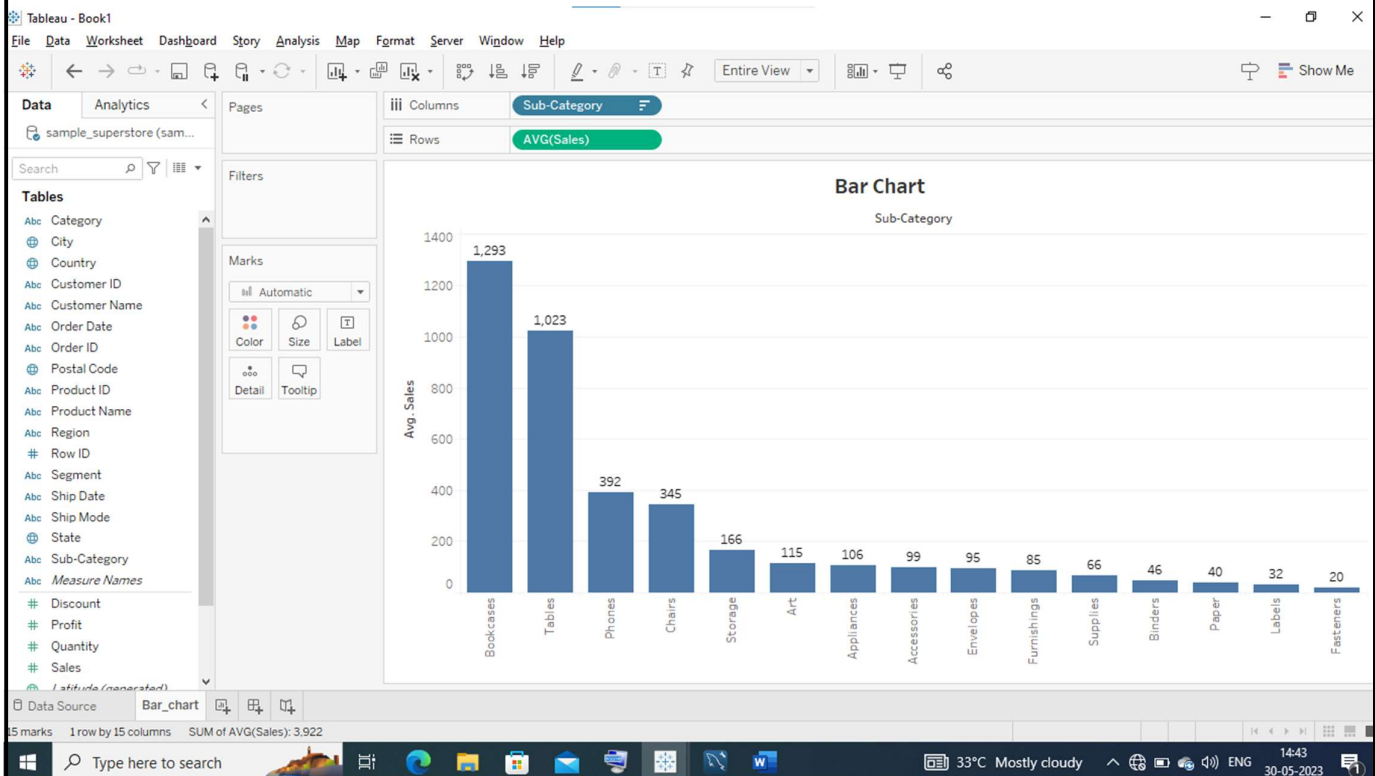
Update Automatically

Fields

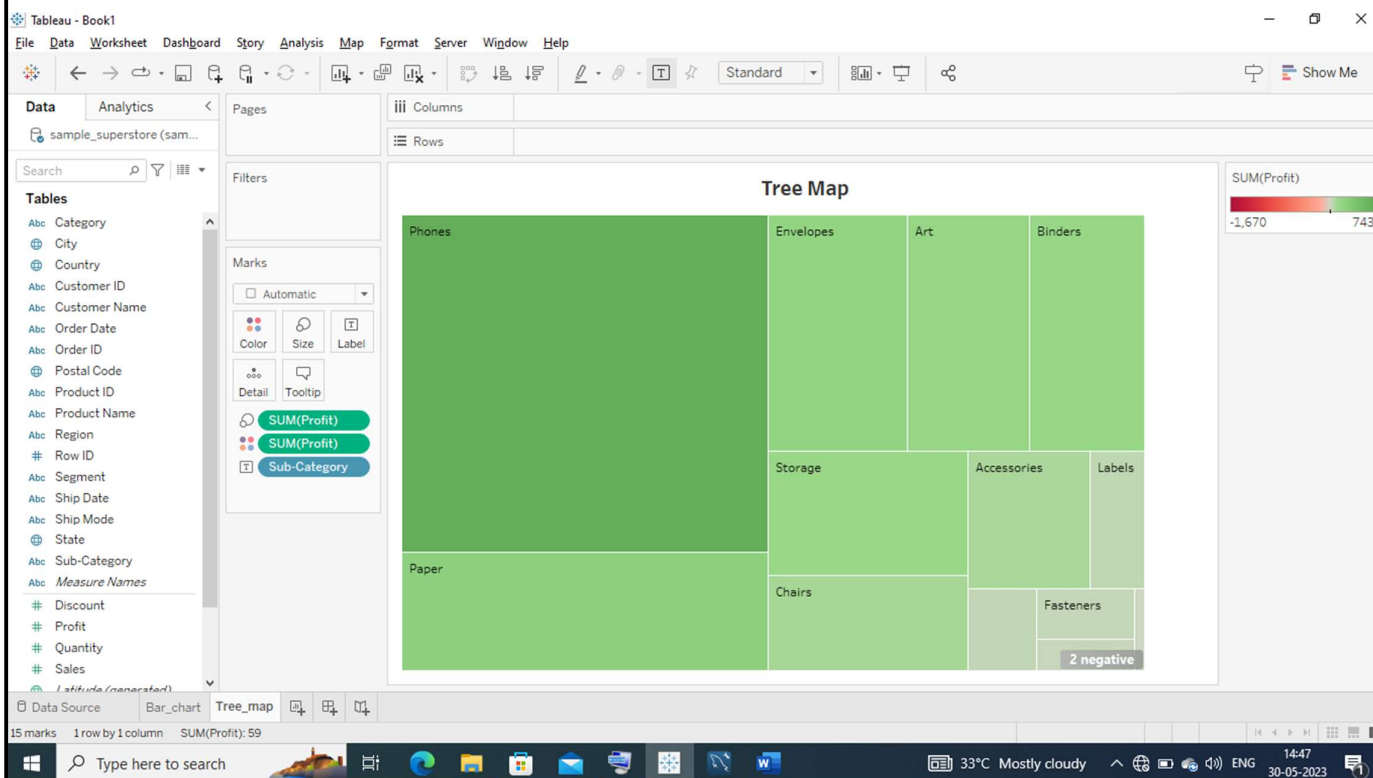
Type	Field Name	Physical Table	Remote...
#	Row ID	sample_superstore	Row ID

4.Create the below 5 charts/plots.

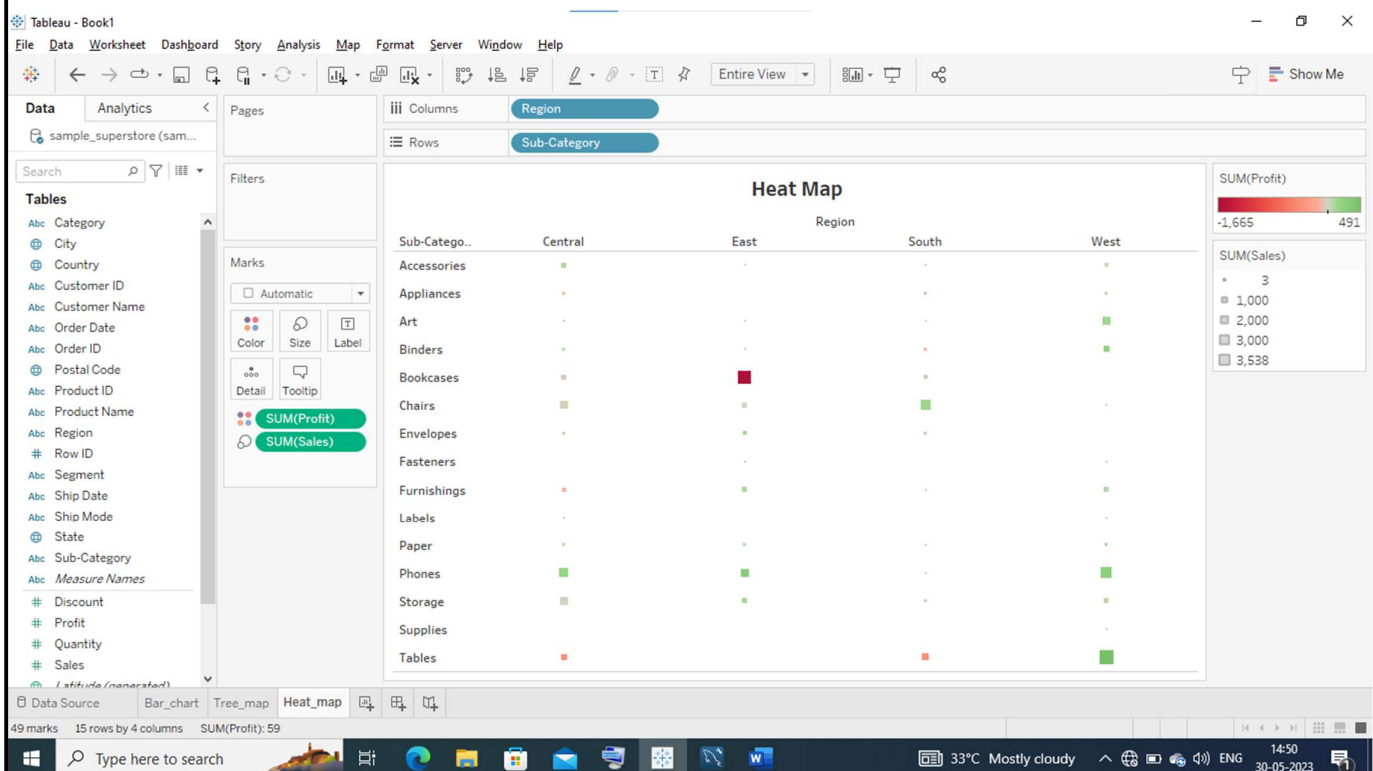
1.Bart Chart:



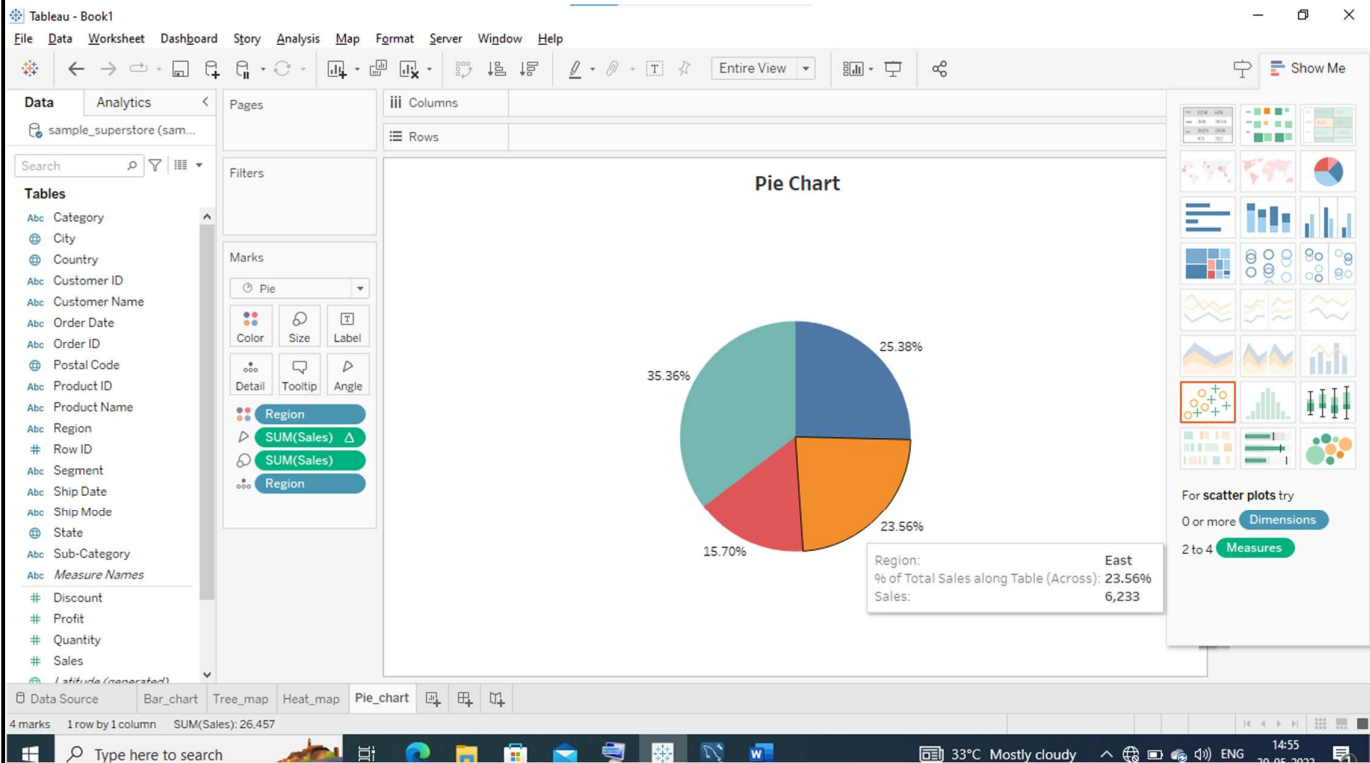
2.Tree Map :



3.Heat Map :



4. Pie Chart:



5. Horizontal Bar Chart:

