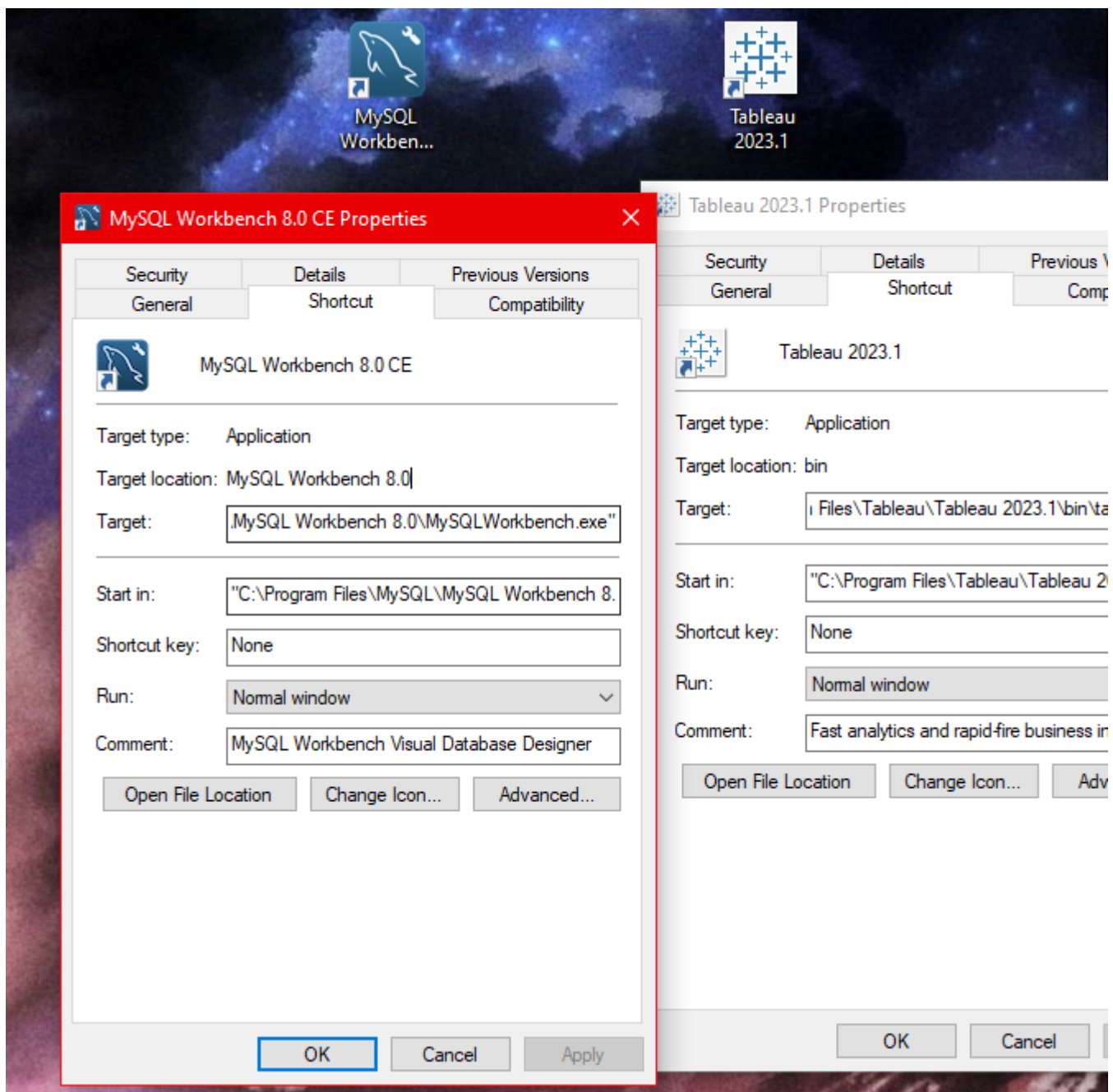


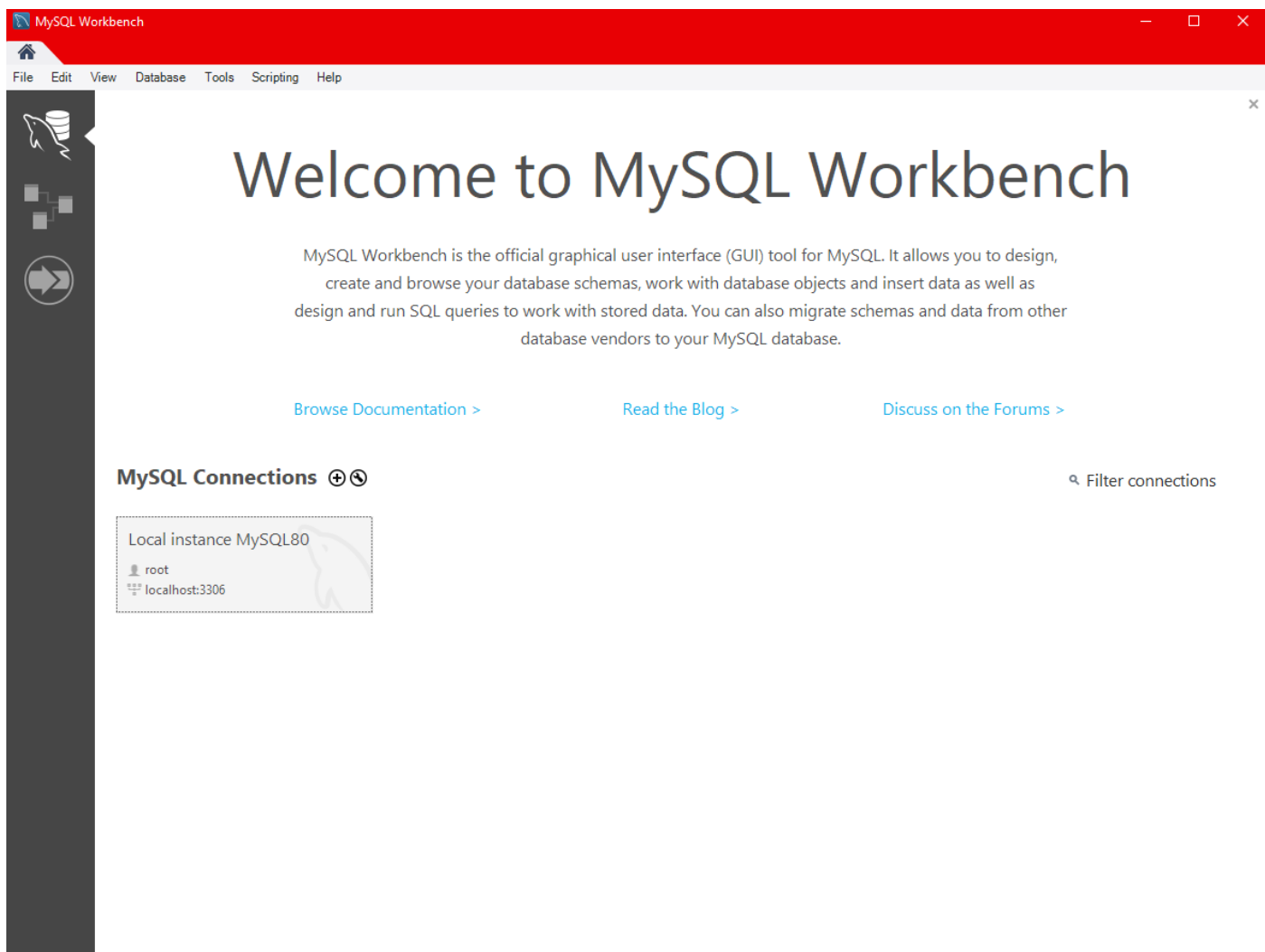
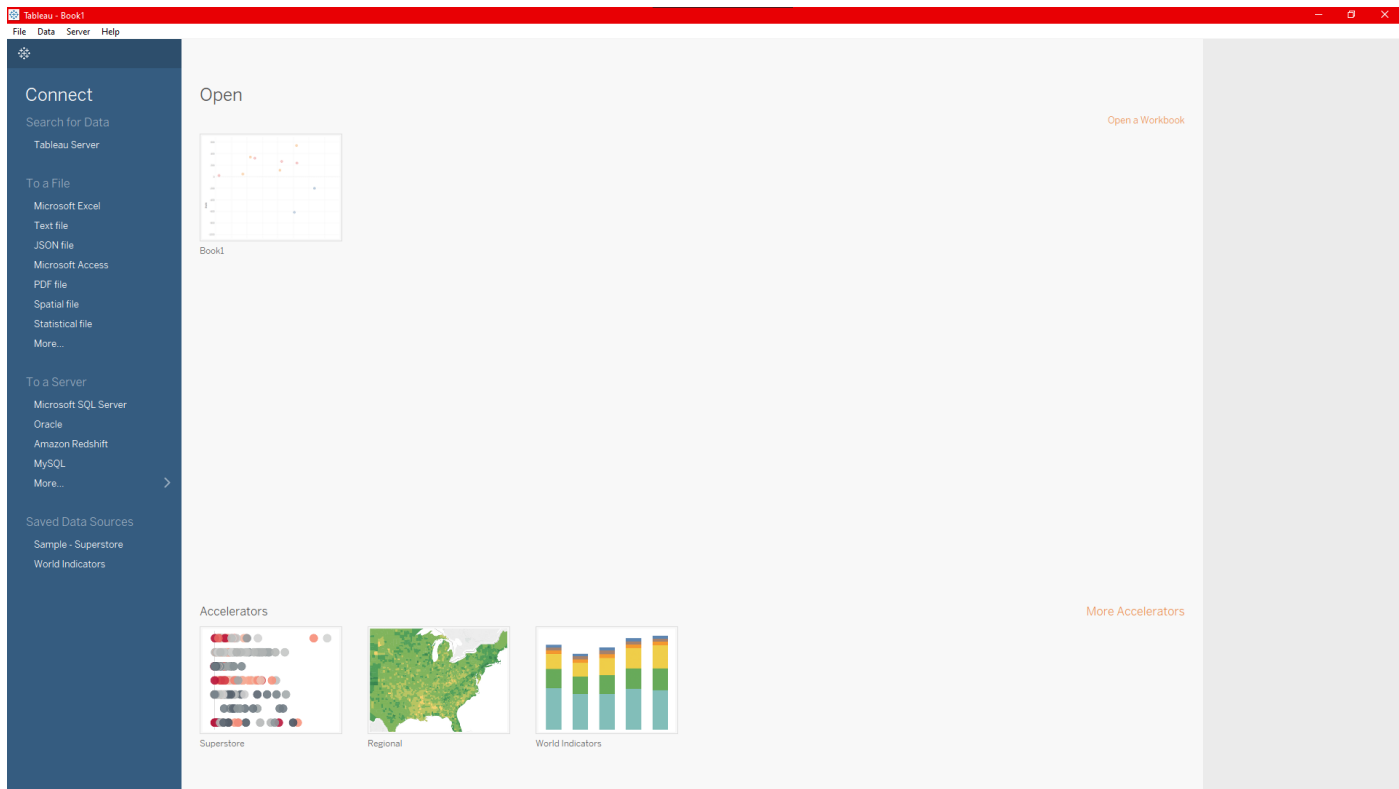
ASSIGNMENT - I

Name: P.Venkata Sai Ishan

Register Number: 20BCT0014

1) Download tableau desktop & Mysql in your PC or laptop





2) Create a new schema in your Mysql workbench and upload your data

The screenshot displays the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the 'SCHEMAS' section with a list of databases: javadb, sys, tableau_sales_superstore_data, and test1. The main workspace is titled 'Query 1 SuperStore_Data - Schema'. It features a 'Name' field containing 'SuperStore_Data', a 'Rename References' button, and 'Charset/Collation' dropdowns set to 'Default Charset' and 'Default Collation'. A message on the right states: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.' The bottom panel shows the 'Output' section with a table header: #, Time, Action, Message, and Duration / Fetch.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Filter objects

- javadb
- sys
- tableau_sales_superstore_data
- test1

Administration Schemas

Information

No object selected

Object Info Session

Query 1 SuperStore_Data - Schema

Name: SuperStore_Data

Rename References

Charset/Collation: Default Charset Default Collation

Specify the name of the schema here. You

Refactor model, changing all references found in view, triggers, stored procedures and functions

The character set and its collation selected

SQLAdditions: < > | | Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Schema

Apply Revert

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
---	------	--------	---------	------------------



SCHEMAS

Filter objects

Name: superstore_data

Specify the name of the schema here. You



Rename References

Refactor model, changing all references found in view, triggers, stored procedures and functions

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm:

Default

Lock Type:

Default

```
1 CREATE SCHEMA `superstore_data` ;
2
```



Back

Apply

Cancel

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.

Show Logs

Back

Finish

Cancel

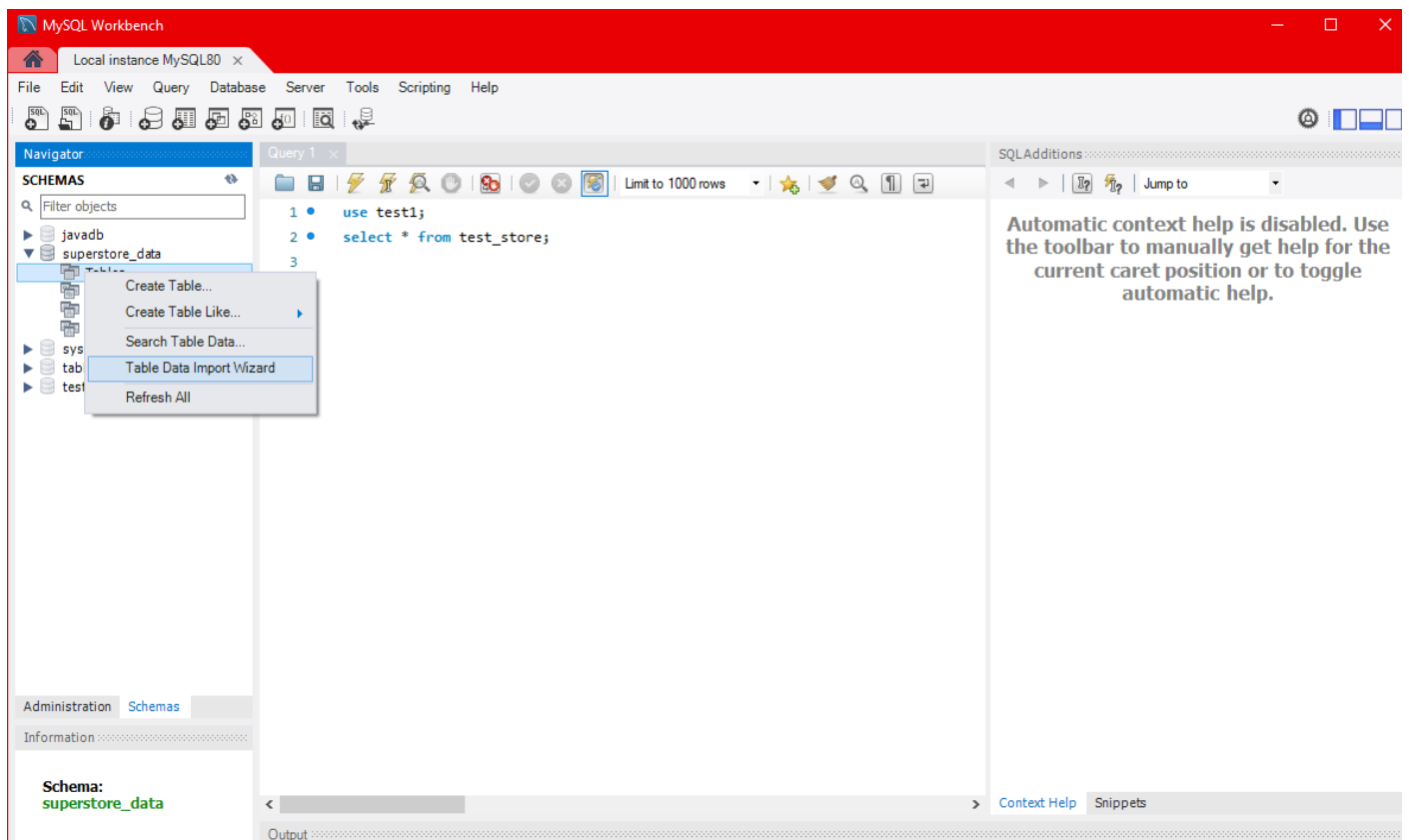


Table Data Import

Select File to Import

Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.

File Path:

Browse...

Open

← → ↕

↓

This PC > Downloads >

Search Downloads

Organize New folder

Creative Cloud F ^

Desktop

Documents

Pictures

This PC

3D Objects

Name	Date modified	Type	Size
Earlier this week (2)			
Sample - Superstore.csv	17-05-2023 19:41	Microsoft Excel C...	2,230 KB
Cardfight!! Area Full Version 4.11	15-05-2023 23:25	File folder	
Last month (2)			
Screenshots	15-04-2023 14:10	File folder	

Table Data Import

Configure Import Settings

Detected file format: csv

Encoding:

Columns:

<input checked="" type="checkbox"/>	Source Column	Field Type
<input checked="" type="checkbox"/>	Row ID	<input type="text" value="int"/>
<input checked="" type="checkbox"/>	Order ID	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Order Date	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Ship Date	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Ship Mode	<input type="text" value="text"/>
<input checked="" type="checkbox"/>	Customer ID	<input type="text" value="text"/>

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer ...	Segment	Country	City
1	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
2	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
3	CA-2016-13...	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van...	Corporate	United States	Los Ang
4	US-2015-10...	10/11/2015	10/18/2015	Standard Cl...	SO-20335	Sean O'Don...	Consumer	United States	Fort Lai

< Back

Next >

Cancel

Table superstore_data.superstore_data was created

138 records imported

< Back

Finish

Cancel

The screenshot shows the SQL Developer interface. At the top is a toolbar with icons for SQL, SQL*, Database, Tables, Views, Stored Procedures, Functions, and a formula icon. Below the toolbar is the 'Navigator' pane, which displays a tree view of the database schema. The 'SCHEMAS' section is expanded, showing a search bar labeled 'Filter objects'. Under 'superstore_data', the 'Tables' folder is expanded, and the 'superstore_data' table is highlighted with a blue selection bar. To the right of the Navigator pane is a 'Query' pane, which is currently empty. The 'Query' pane has a tab labeled 'Query' and a folder icon. Below the 'Query' pane is a list of objects with a numeric column: '1', '2', and '3'.

Object Name	Count
javadb	1
superstore_data	2
Tables	3

3) Connect your Mysql and Tableau

Tableau - Book1

File Data Server Help

Connect

Search for Data

Tableau Server

To a File

- Microsoft Excel
- Text file
- JSON file
- Microsoft Access
- PDF file
- Spatial file
- Statistical file
- More...

To a Server

- Microsoft SQL Server
- Oracle
- Amazon Redshift
- MySQL
- More...

Saved Data Sources

- Sample - Superstore
- World Indicators

Open

Book1

MySQL

General Initial SQL

Server localhost

Port 3306

Database superstore_data

Username root

Password

☐ Require SSL

Sign In

Discover

Training

- Getting Started
- Connecting to Data
- Visual Analytics
- Understanding Tableau
- More training videos...

Resources

- Get Tableau Prep
- Tableau Blueprint Assessment
- Tableau Community Forums
- Tableau Accelerators
- Blog - Read latest post

Tableau 2023.1 available now
Seamlessly jumpstart your analysis
Explore Now →

Accelerators

Superstore

Regional

World Indicators

Open a Workbook

More Accelerators

Tableau - Book1

File Data Server Window Help

Connections

localhost MySQL

Database

superstore_data

Table

- superstore_data
- New Custom SQL
- New Union
- New Table Extension

superstore_data (superstore_data)

Connection: Live Extract Filters: 0 Add

Need more data?

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

superstore_data 21 fields 138 rows

100 rows

Name	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data	superstore_data
Fields	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	State	
Abc	1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Kentucky	
Abc	2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Kentucky	
Abc	3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	California	
Abc	4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida	
Abc	5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida	
Abc	6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	
Abc	7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	
Abc	8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	
Abc	9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	
Abc	10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	
Abc	11	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	

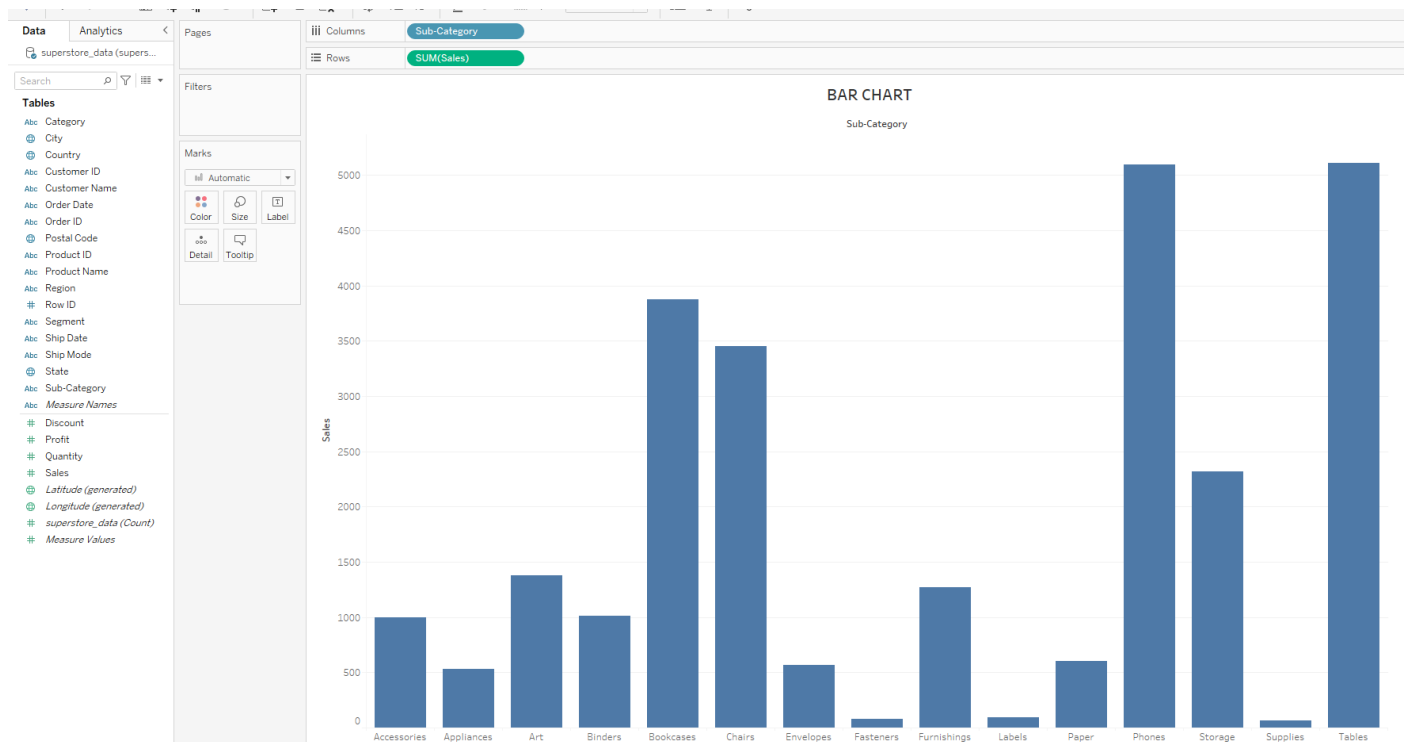
Go to Worksheet

Data Source Sheet1

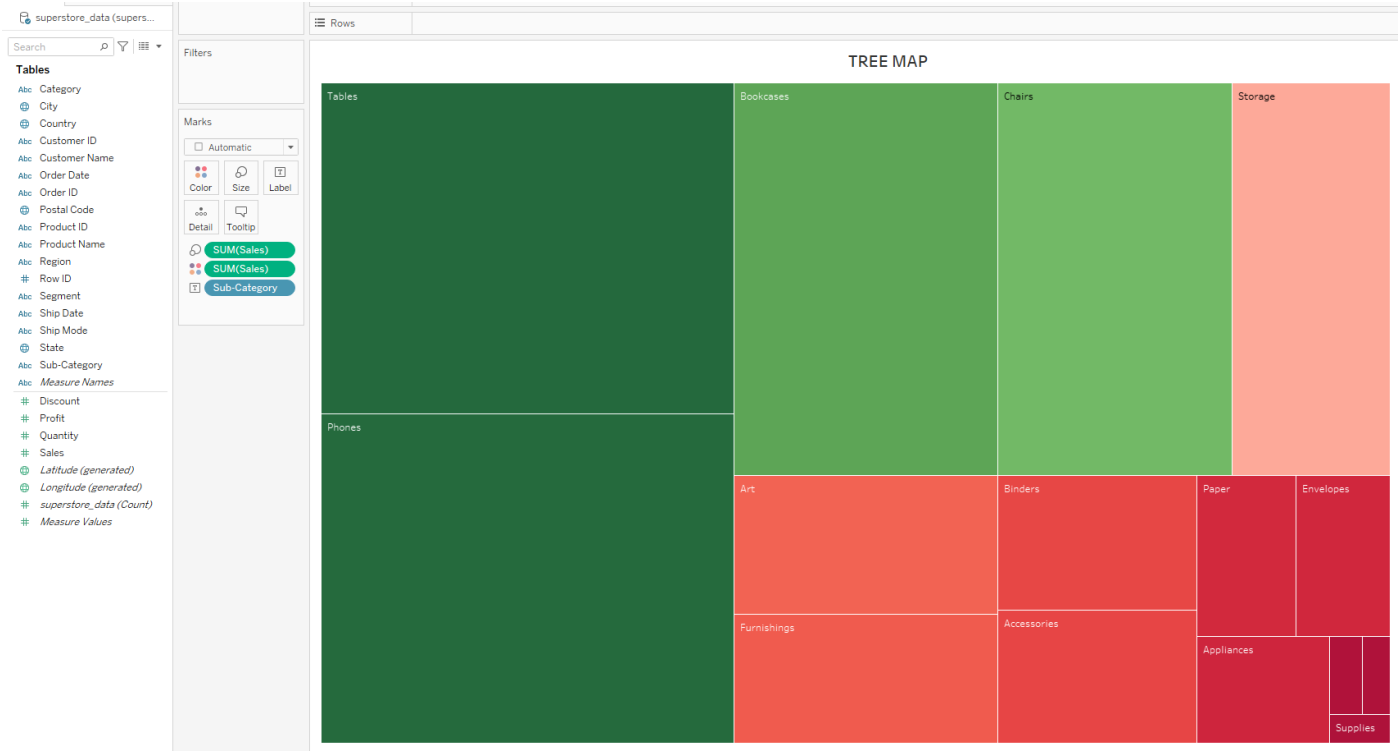
4) Create the below 5 charts/plots

- Bar chart
- Tree map
- Heatmap
- Pie chart
- Horizontal bar chart

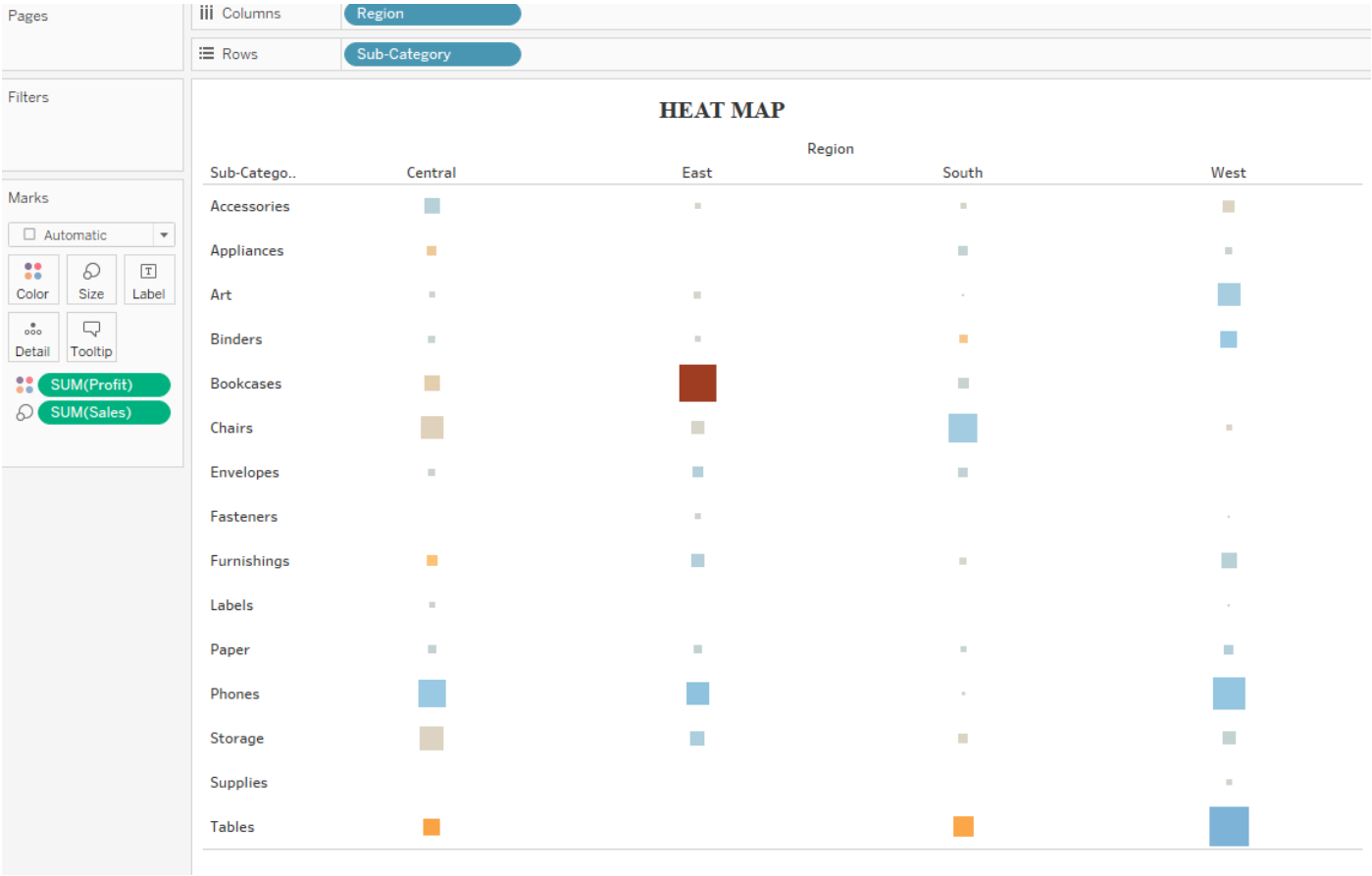
BAR CHART:



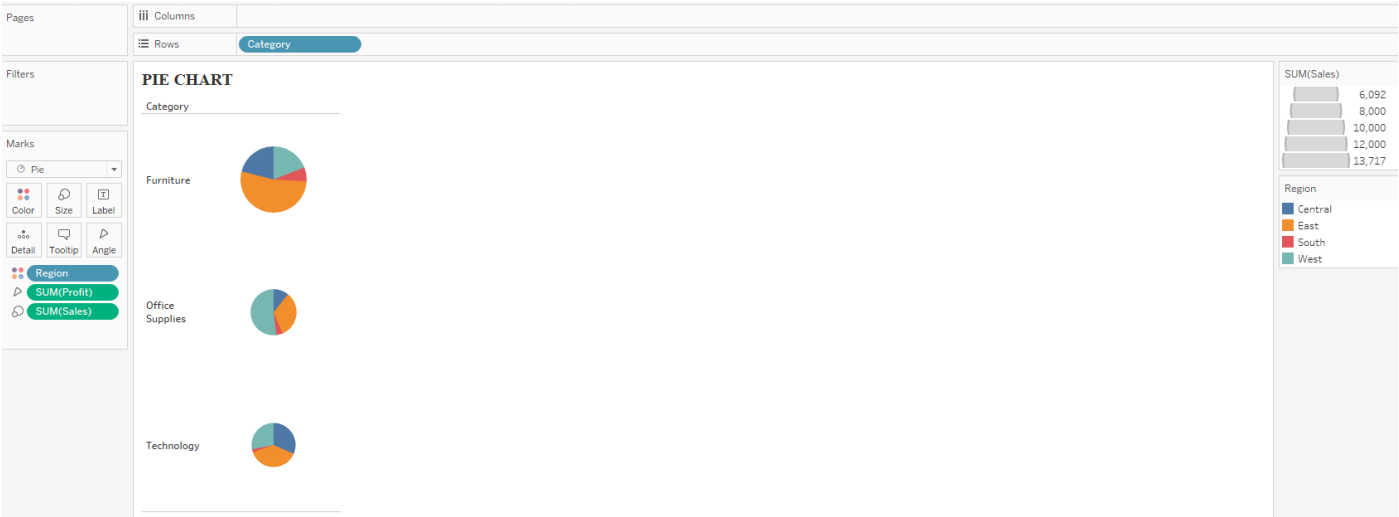
TREE MAP:



HEAT MAP:



PIE CHART:



HORIZONTAL BAR CHART:

