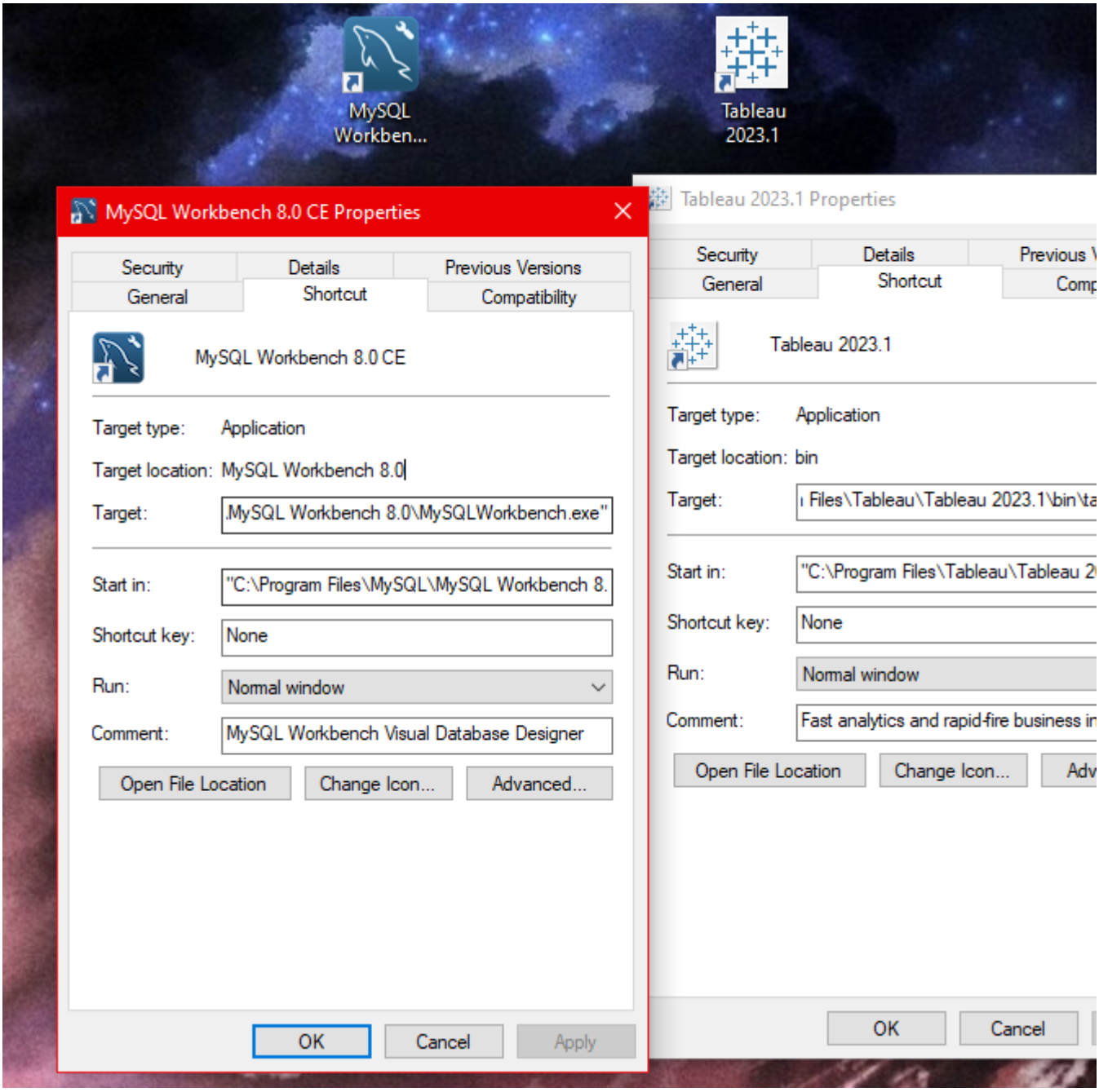
ASSIGNMENT – I

Name: P.Venkata Sai Ishan

Register Number: 20BCT0014

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



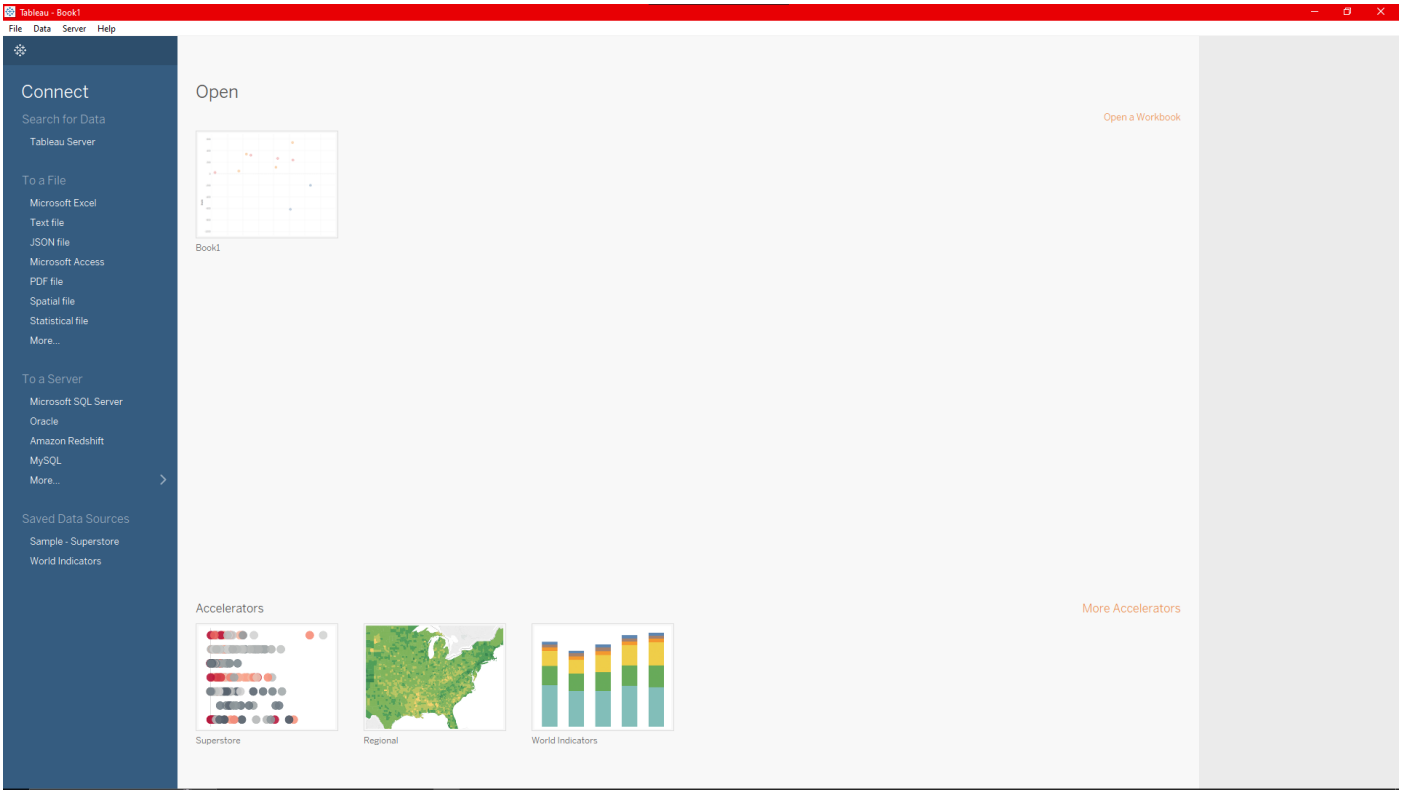
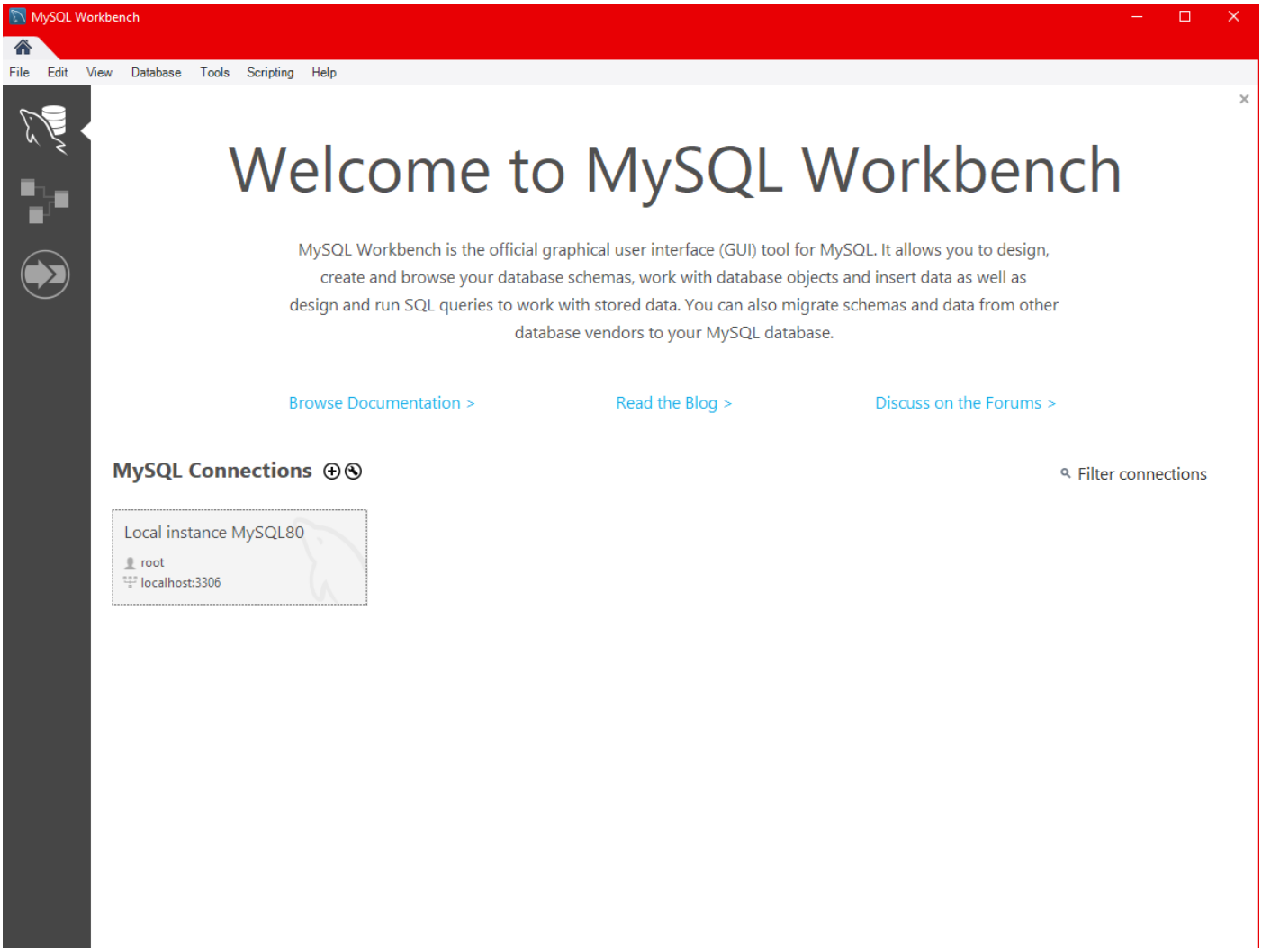
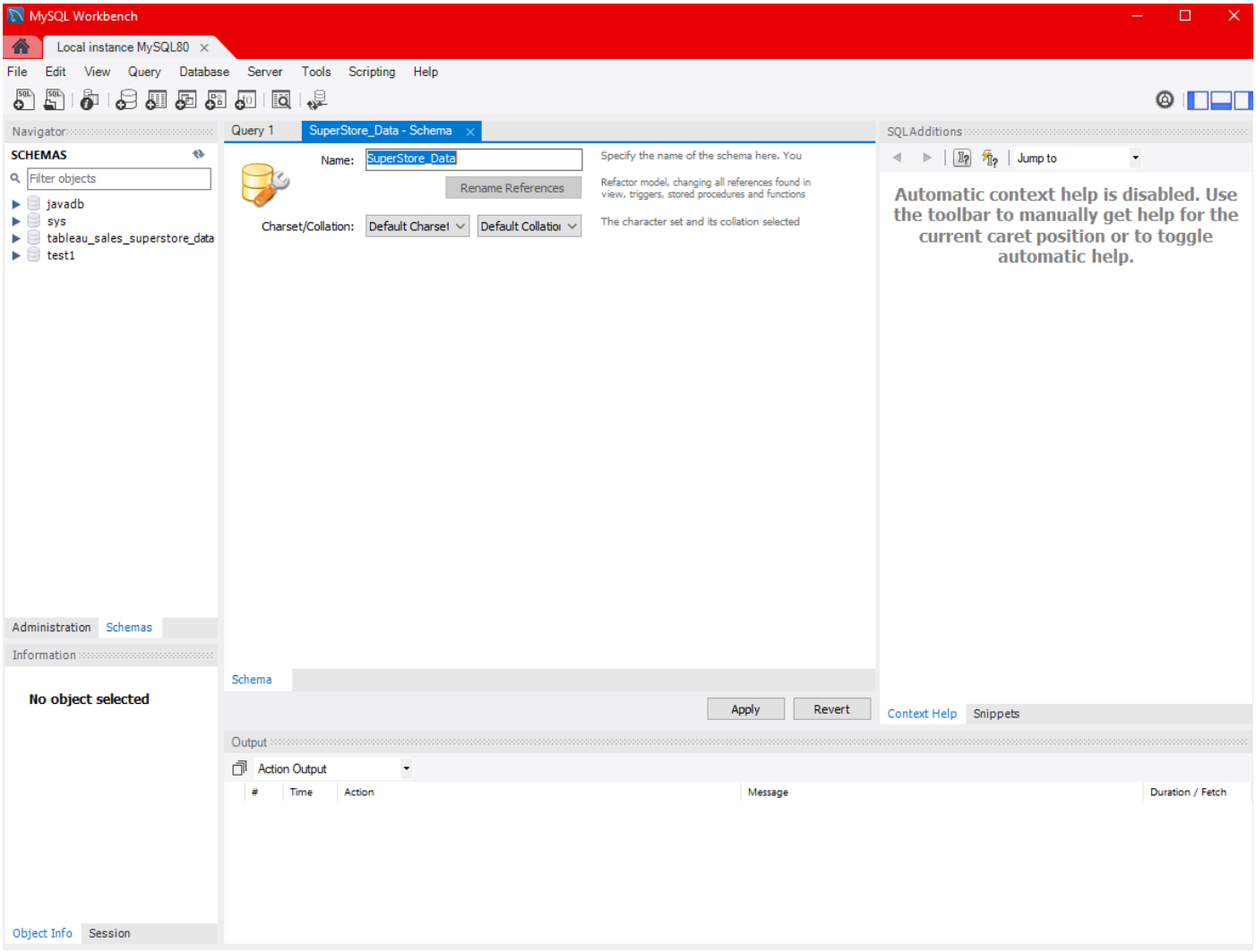
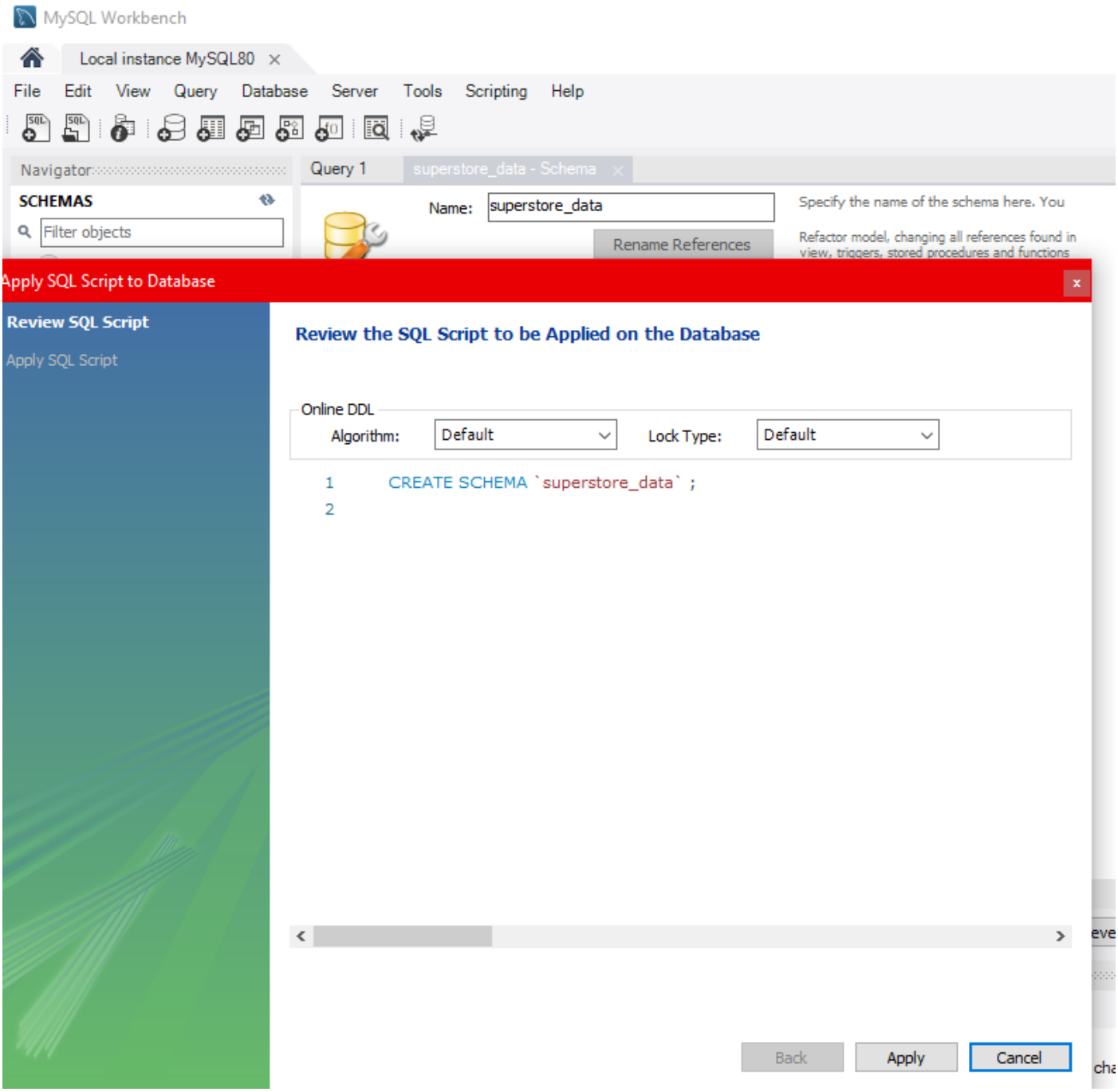


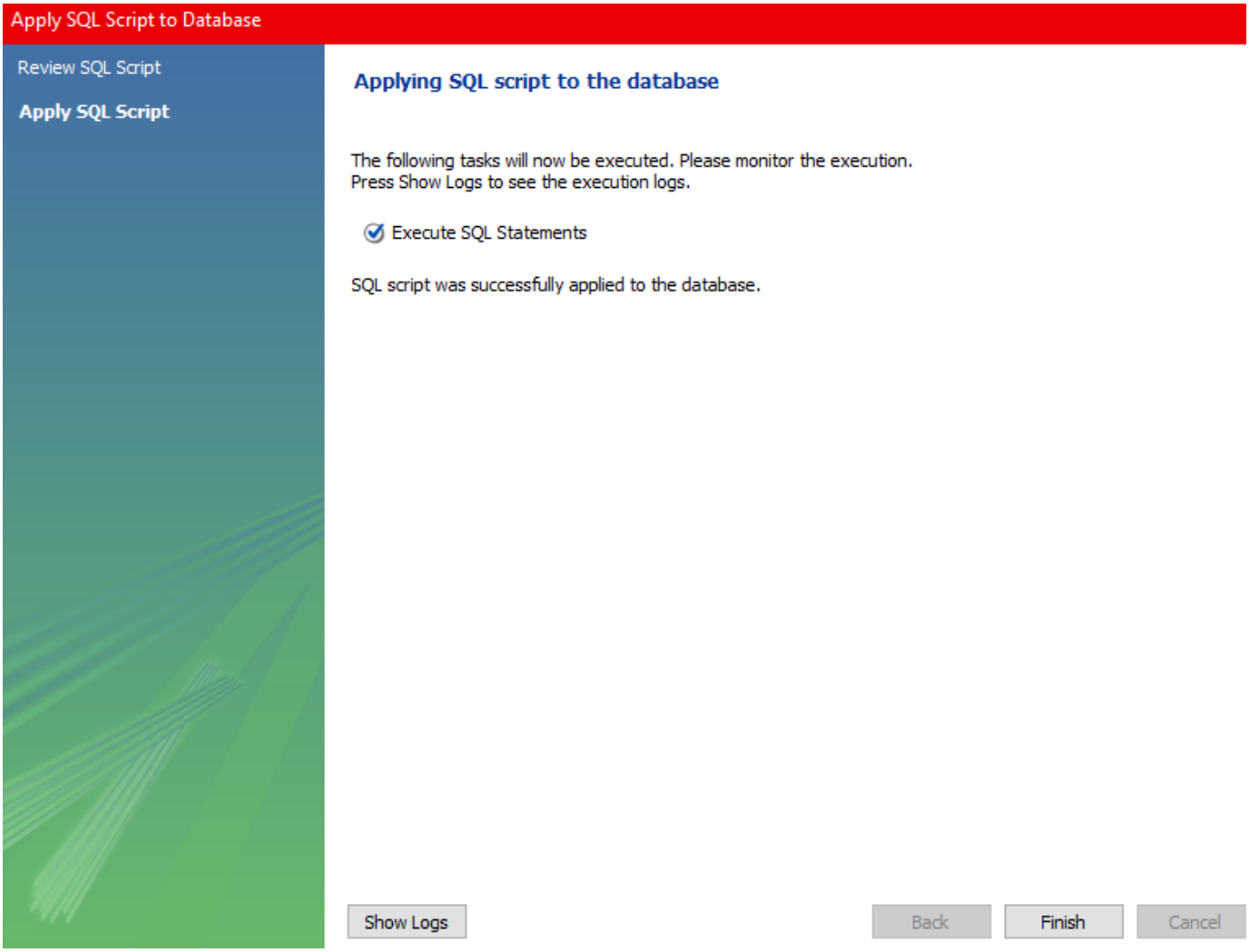
Tableau - Book1
File Data Server Help
Connect
Search for Data
Tableau Server
To a File
Microsoft Excel
Text file
JSON file
Microsoft Access
PDF file
Spatial file
Statistical file
More...
To a Server
Microsoft SQL Server
Oracle
Amazon Redshift
MySQL
More...
Saved Data Sources
Sample - Superstore
World Indicators
Open
Open a Workbook
Book1
Accelerators
More Accelerators
Superstore
Regional
World Indicators

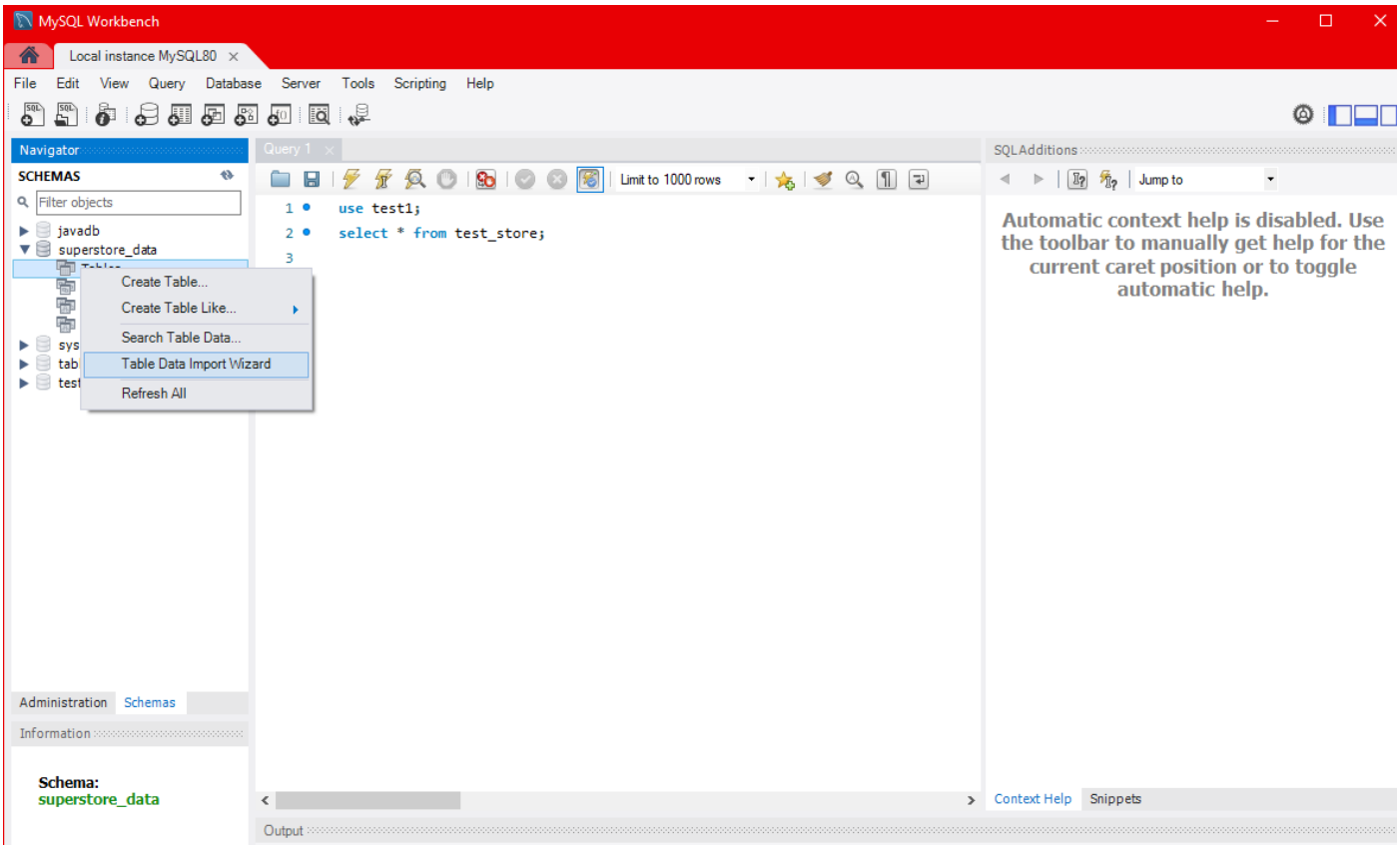

MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
Discuss on the Forums >
MySQL Connections
Filter connections
Local instance MySQL80
root
localhost:3306

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




MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Query 1
superstore_data - Schema
Name: superstore_data
Rename References
Specify the name of the schema here. You
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


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
javadb
superstore_data
Create Table...
Create Table Like...
Search Table Data...
Table Data Import Wizard
Refresh All
Query 1
Limit to 1000 rows
use test1;
select * from test_store;
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Administration Schemas
Information
Schema:
superstore_data
Context Help Snippets
Output

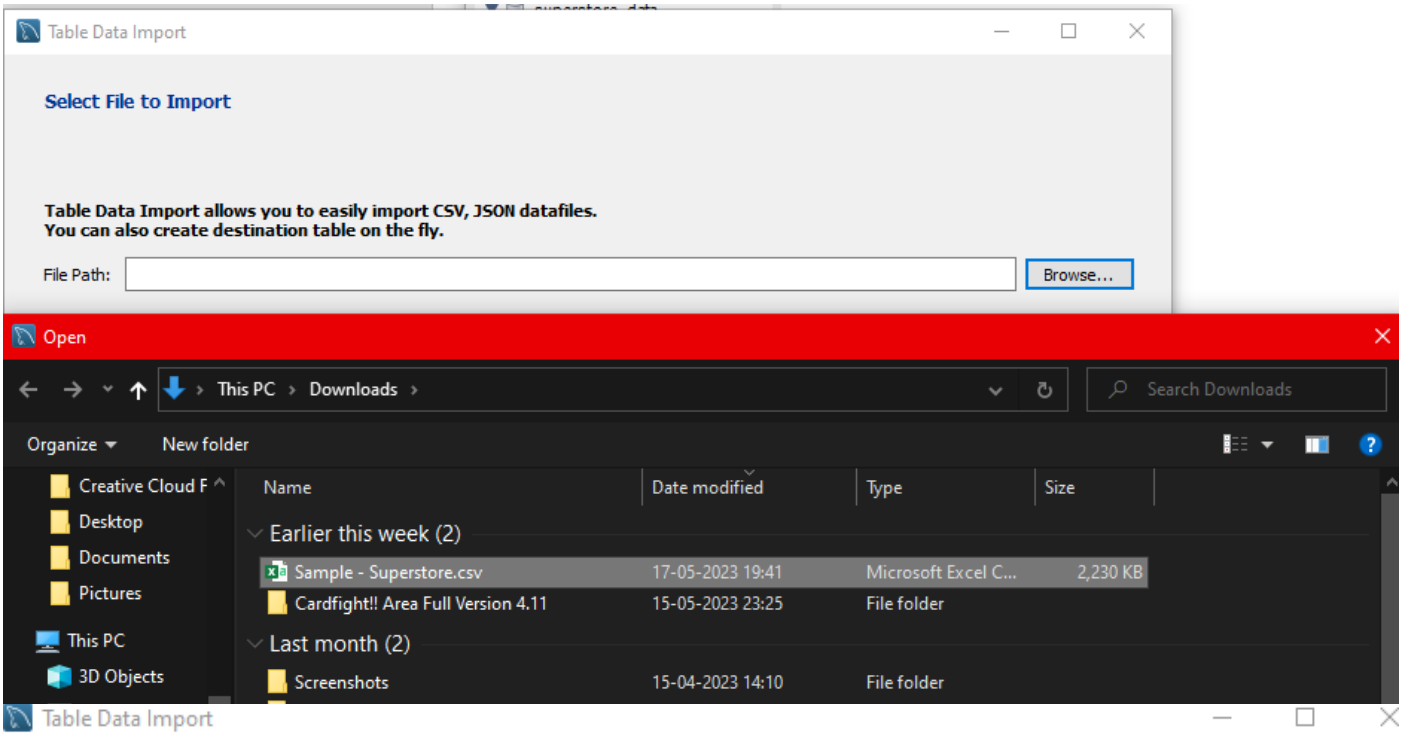


Table Data Import
Select File to Import
Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.
File Path:
Browse...

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

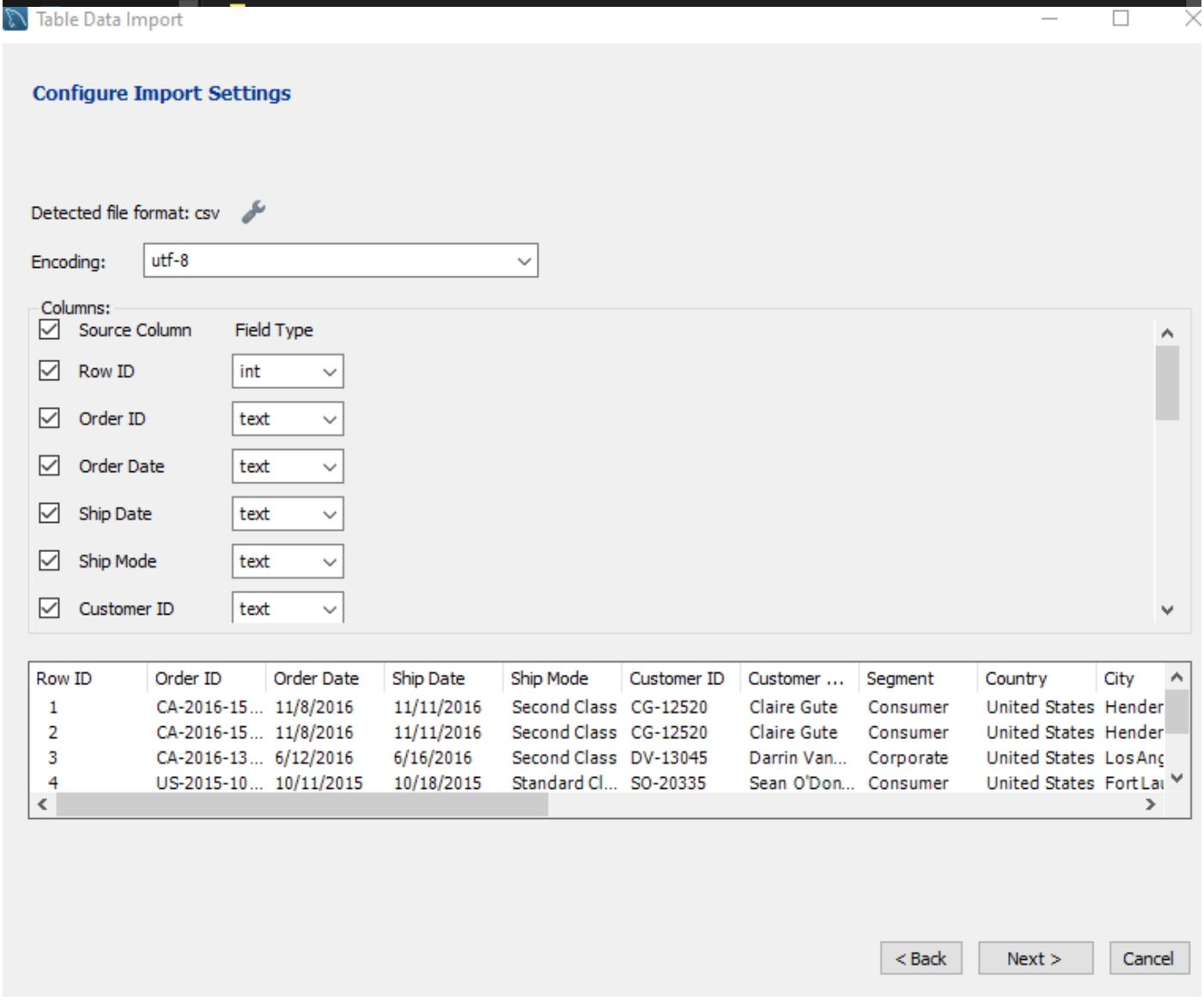
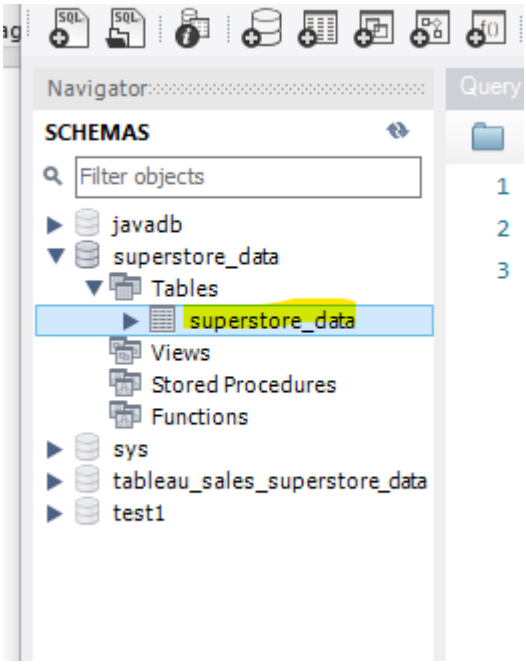


Table Data Import
Configure Import Settings
Detected file format: csv
Encoding:
utf-8
Columns:
Source Column
Field Type
Row ID
int
Order ID
text
Order Date
text
Ship Date
text
Ship Mode
text
Customer ID
text
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer ...
Segment
Country
City
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 La
< Back
Next >
Cancel

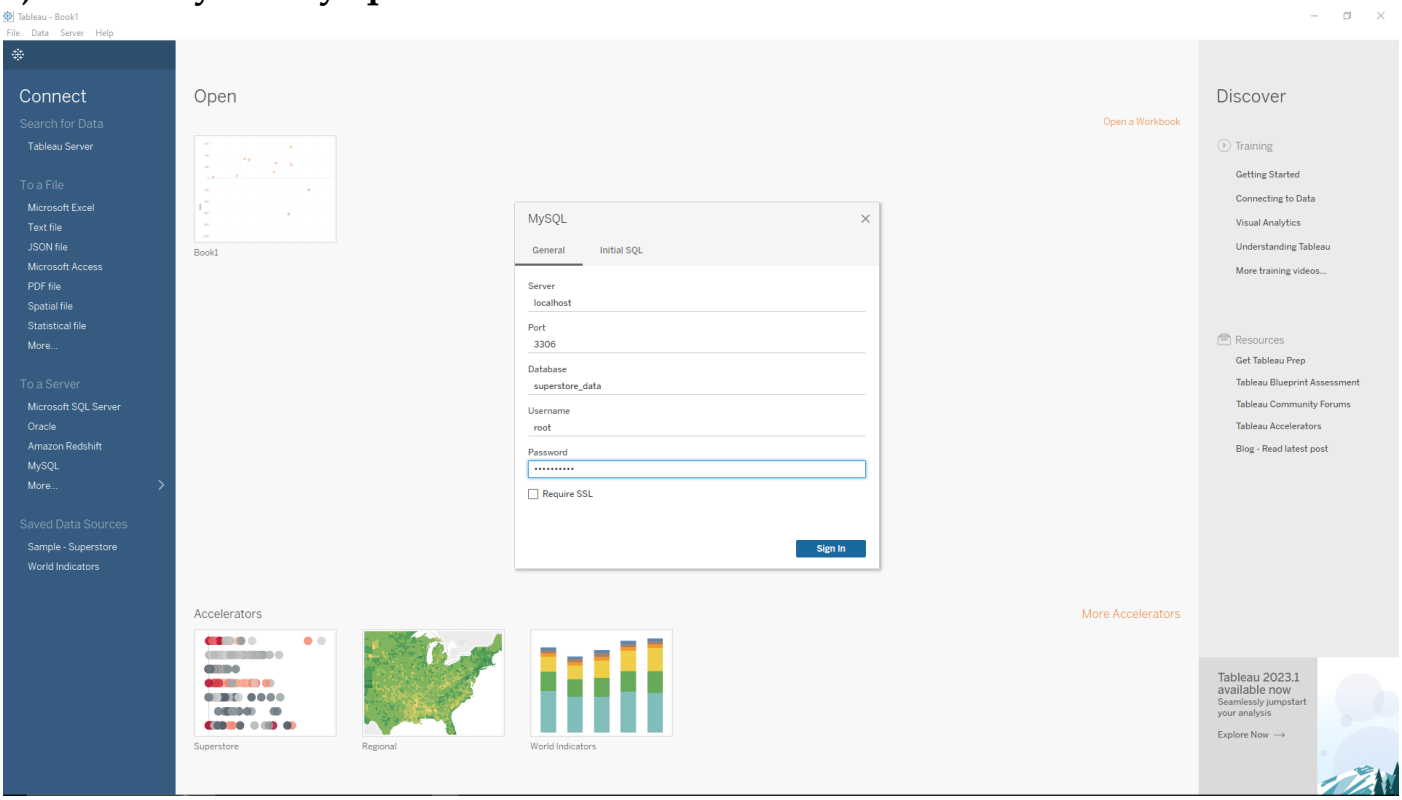
Table superstore_data.superstore_data was created

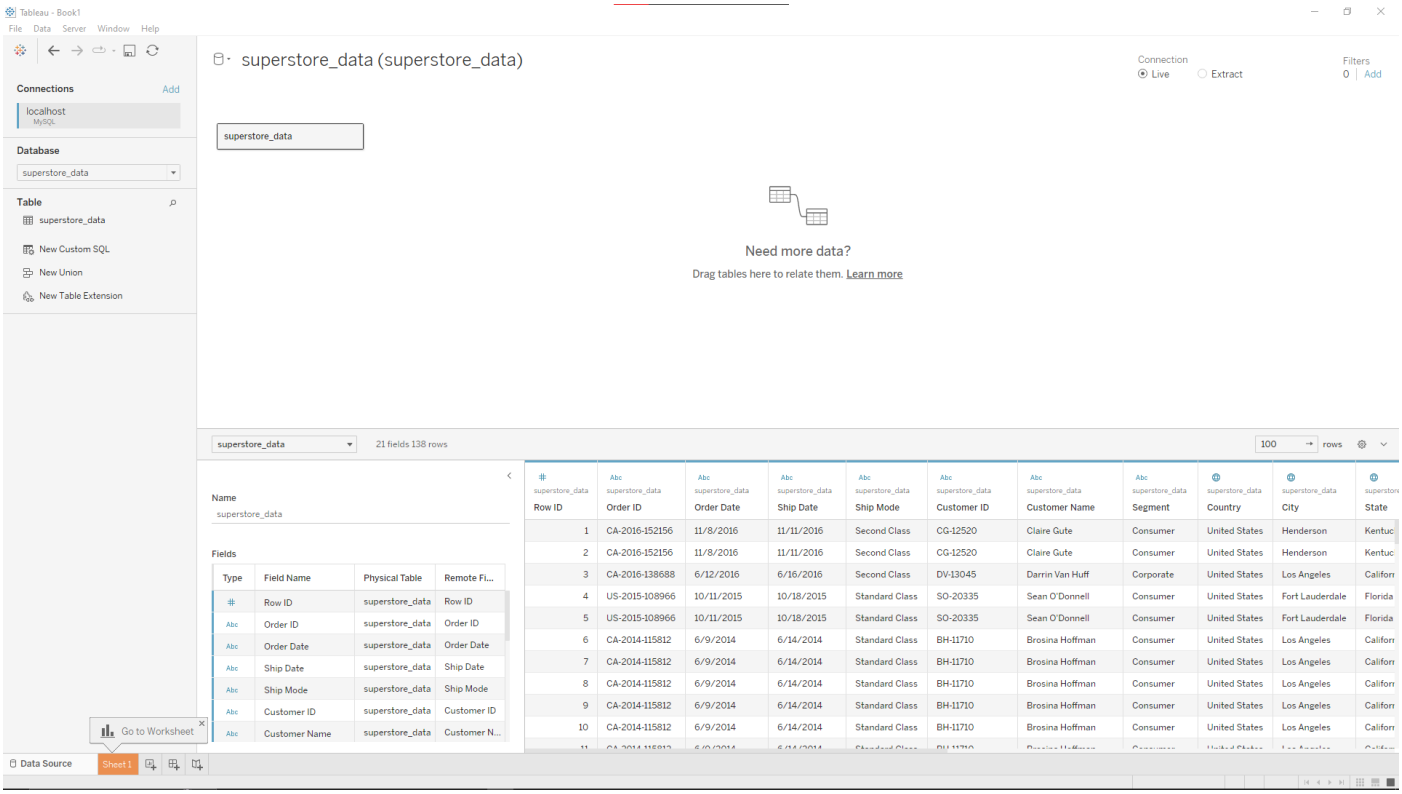
138 records imported

< Back | Finish | Cancel



3) Connect your Mysql and Tableau

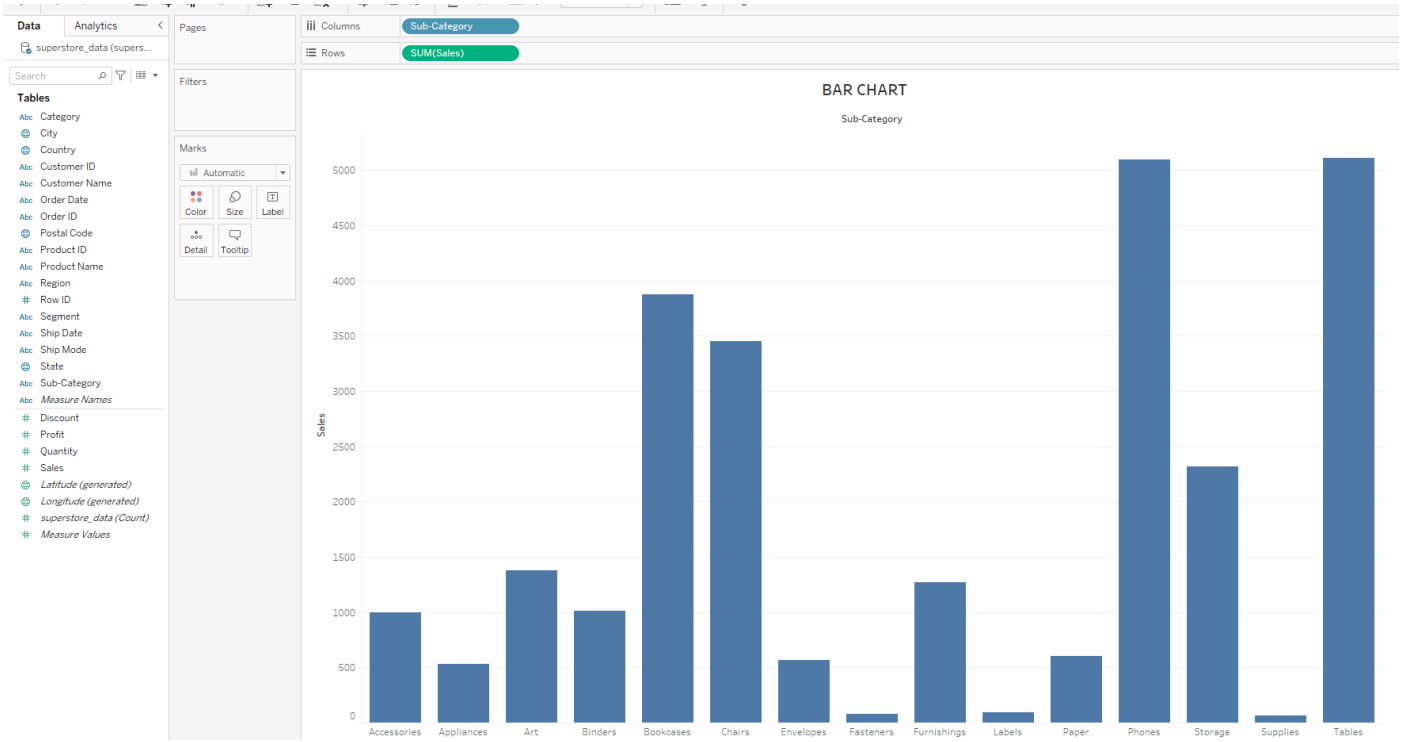




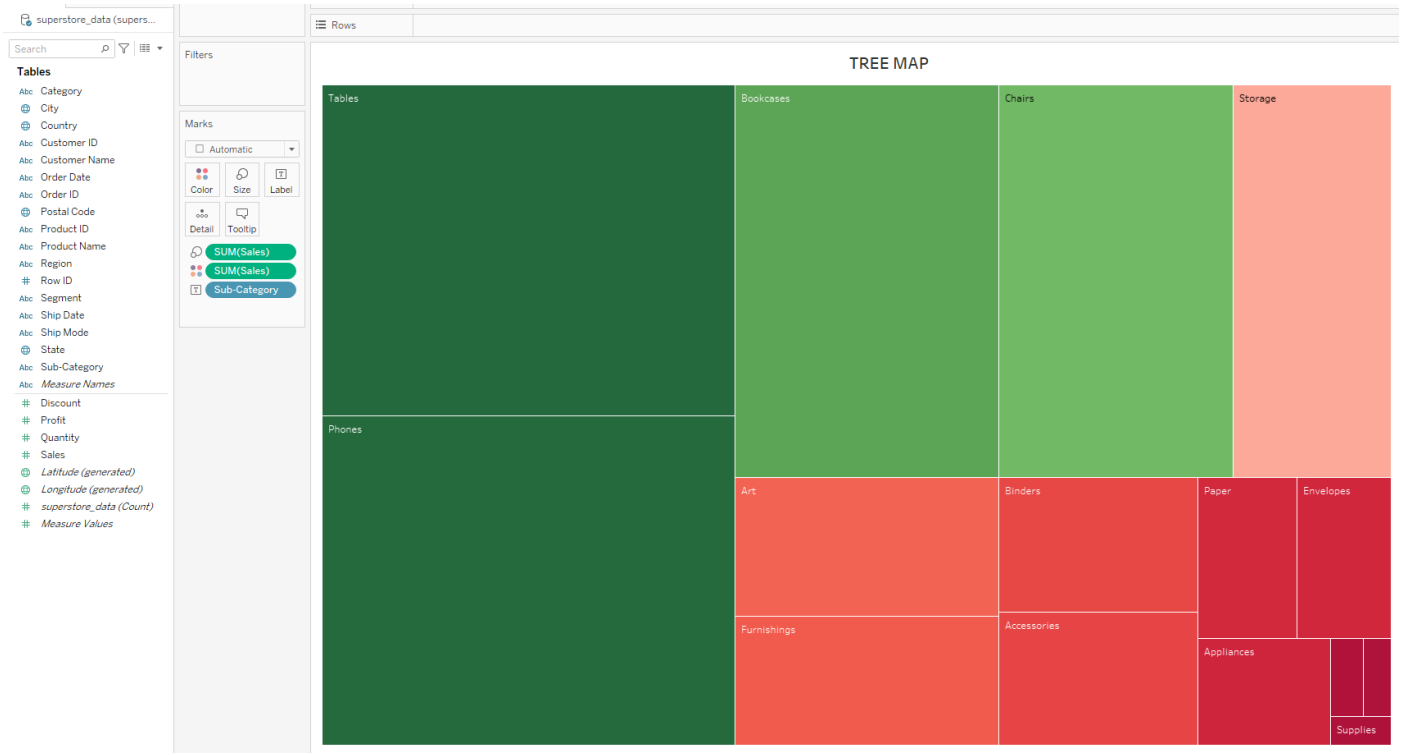
4) Create the below 5 charts/plots

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

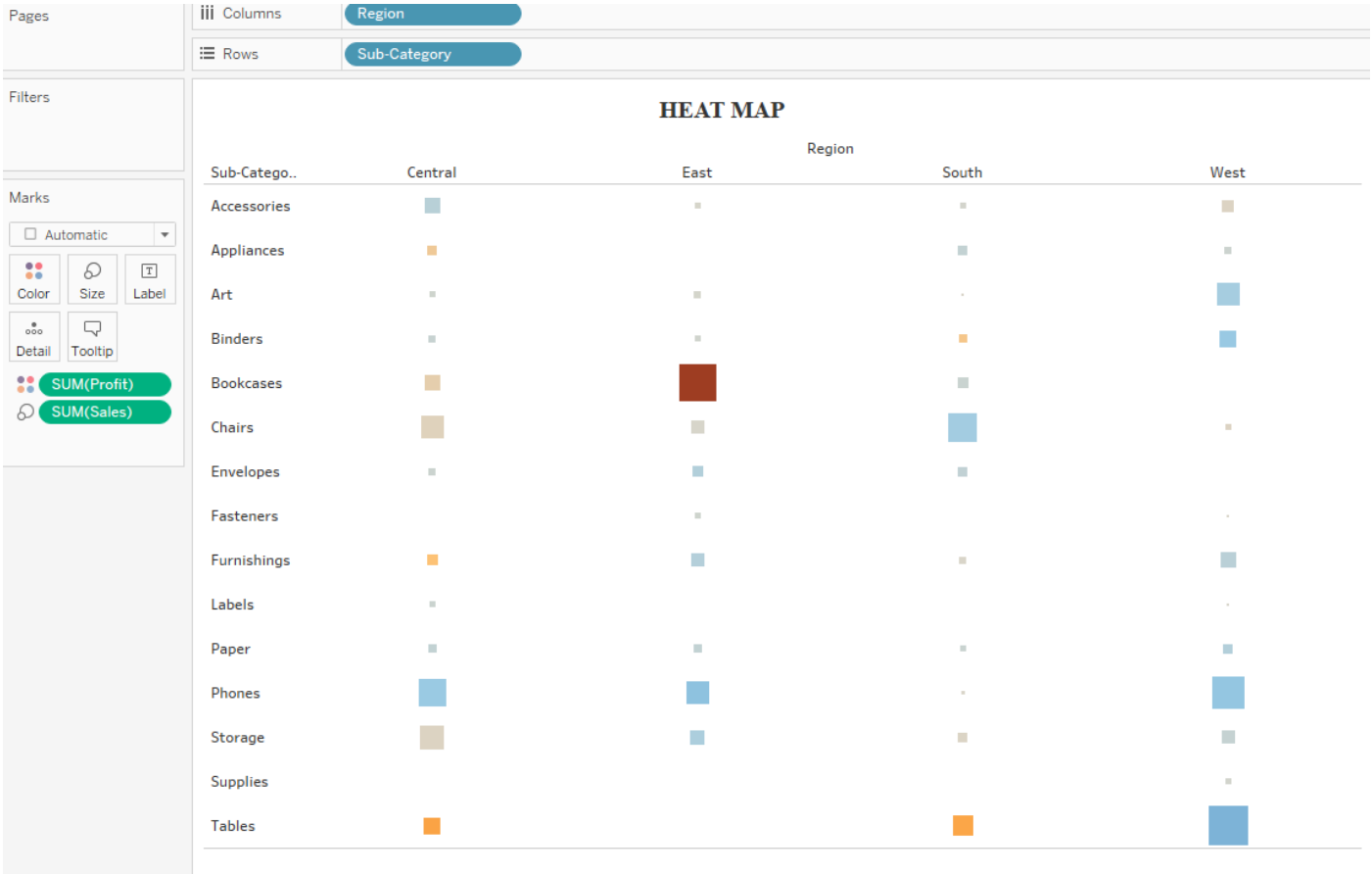
BAR CHART:



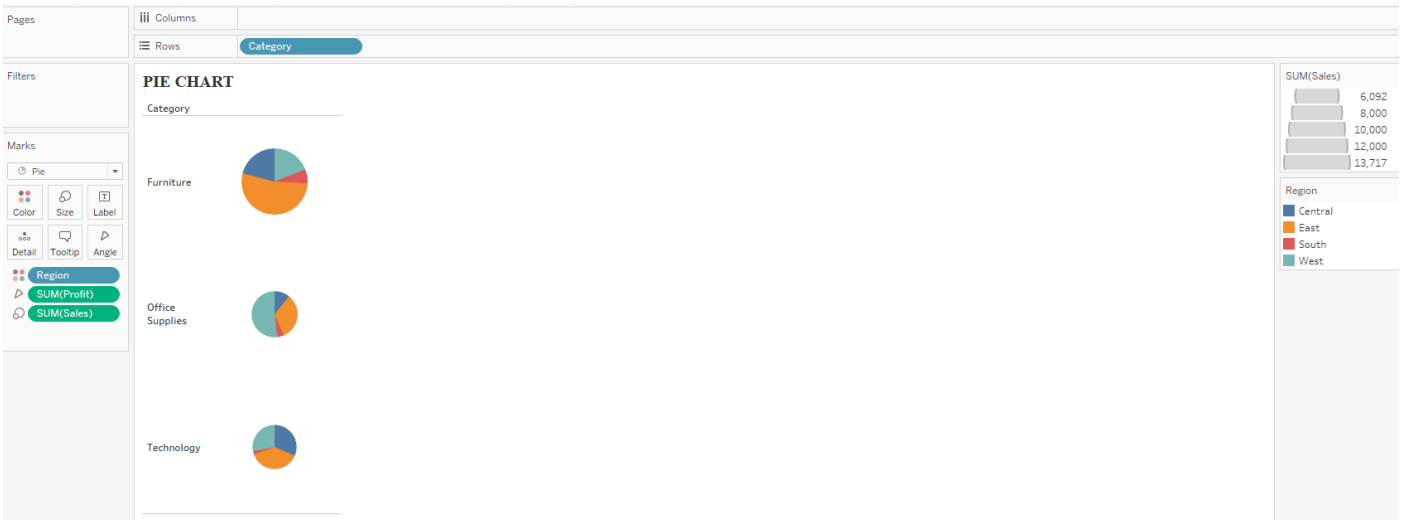
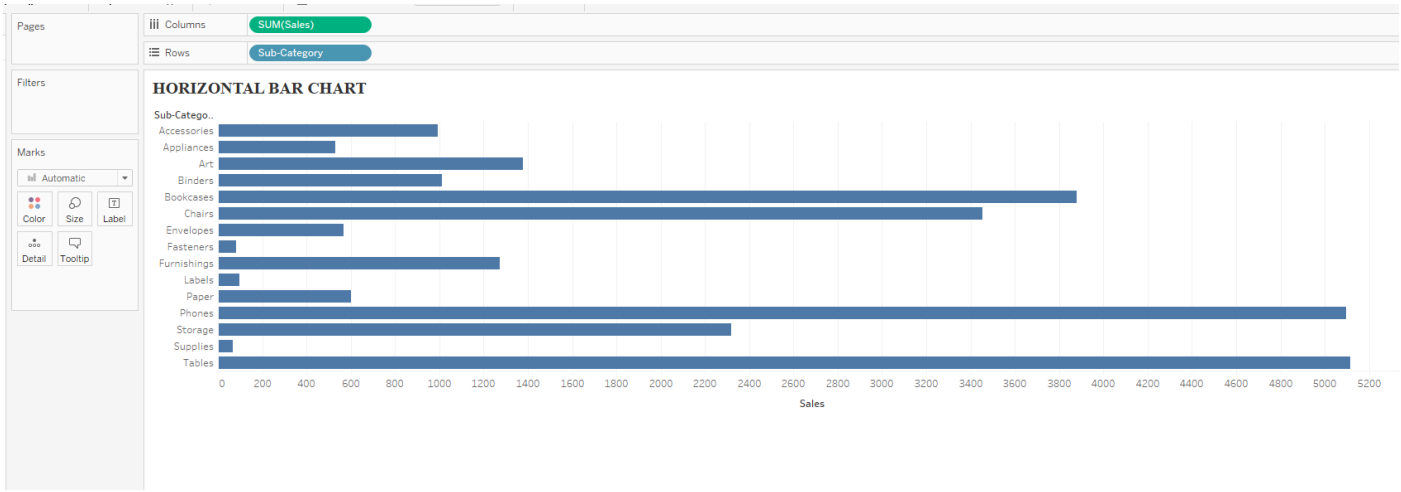
TREE MAP:



HEAT MAP:



PIE CHART:



HORIZONTAL BAR CHART: