ASSIGNMENT – I

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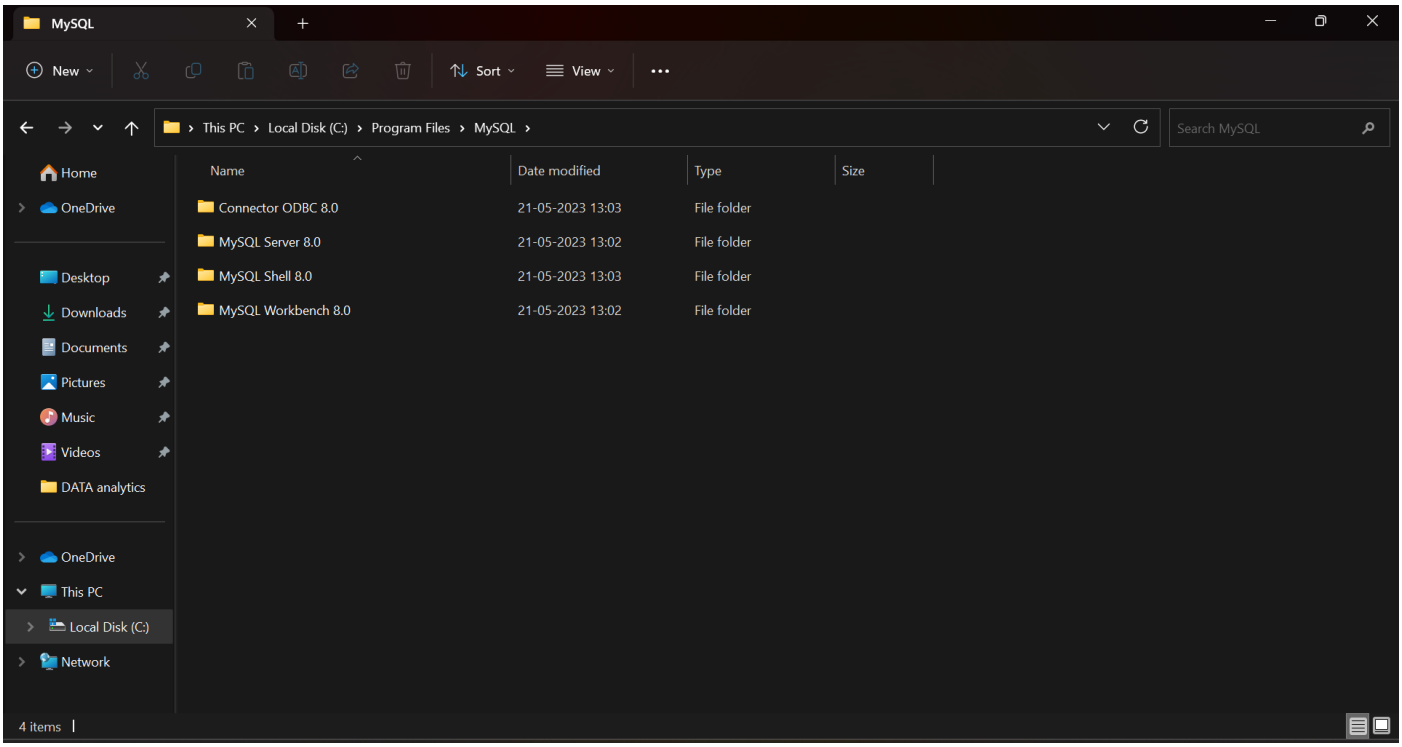
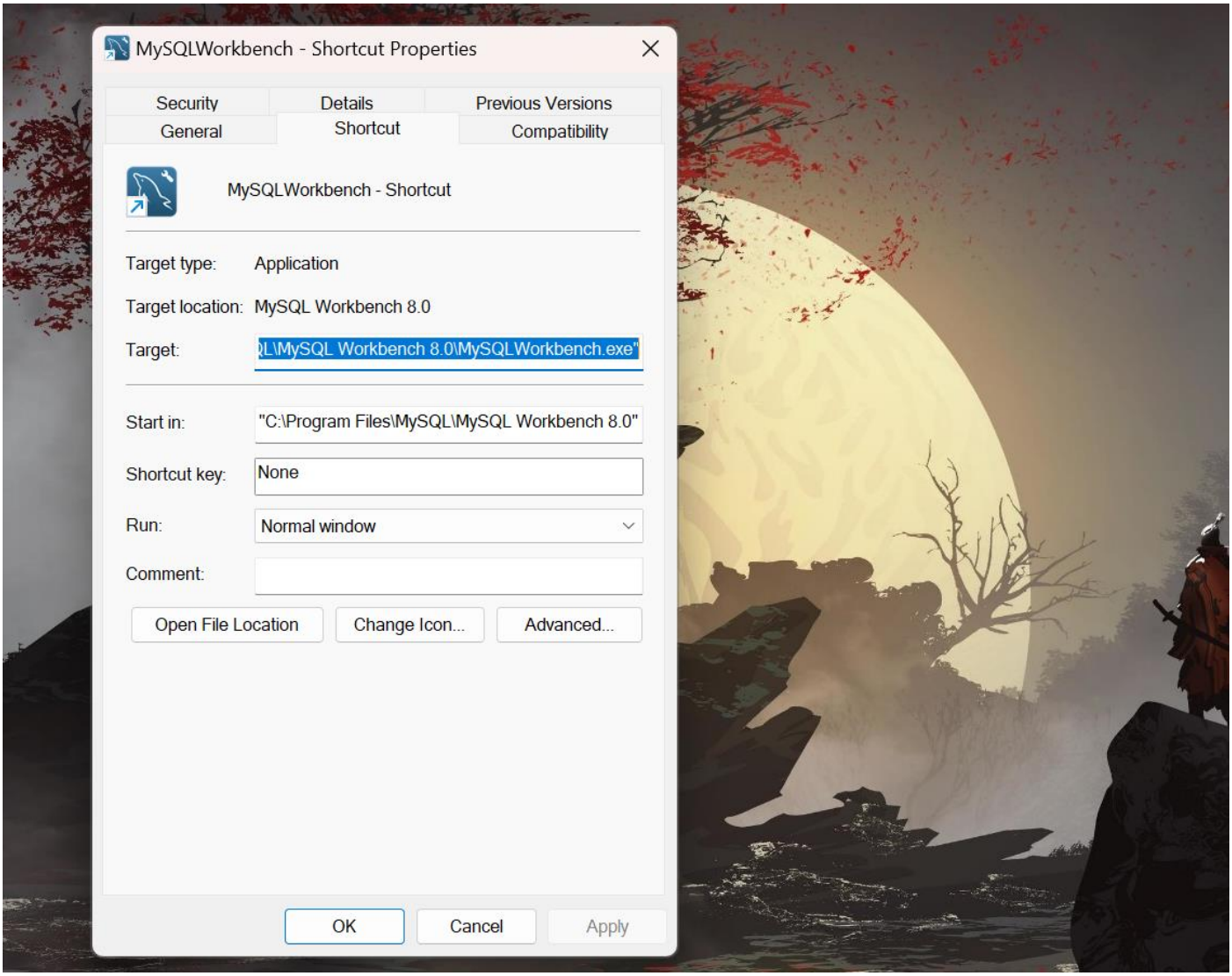
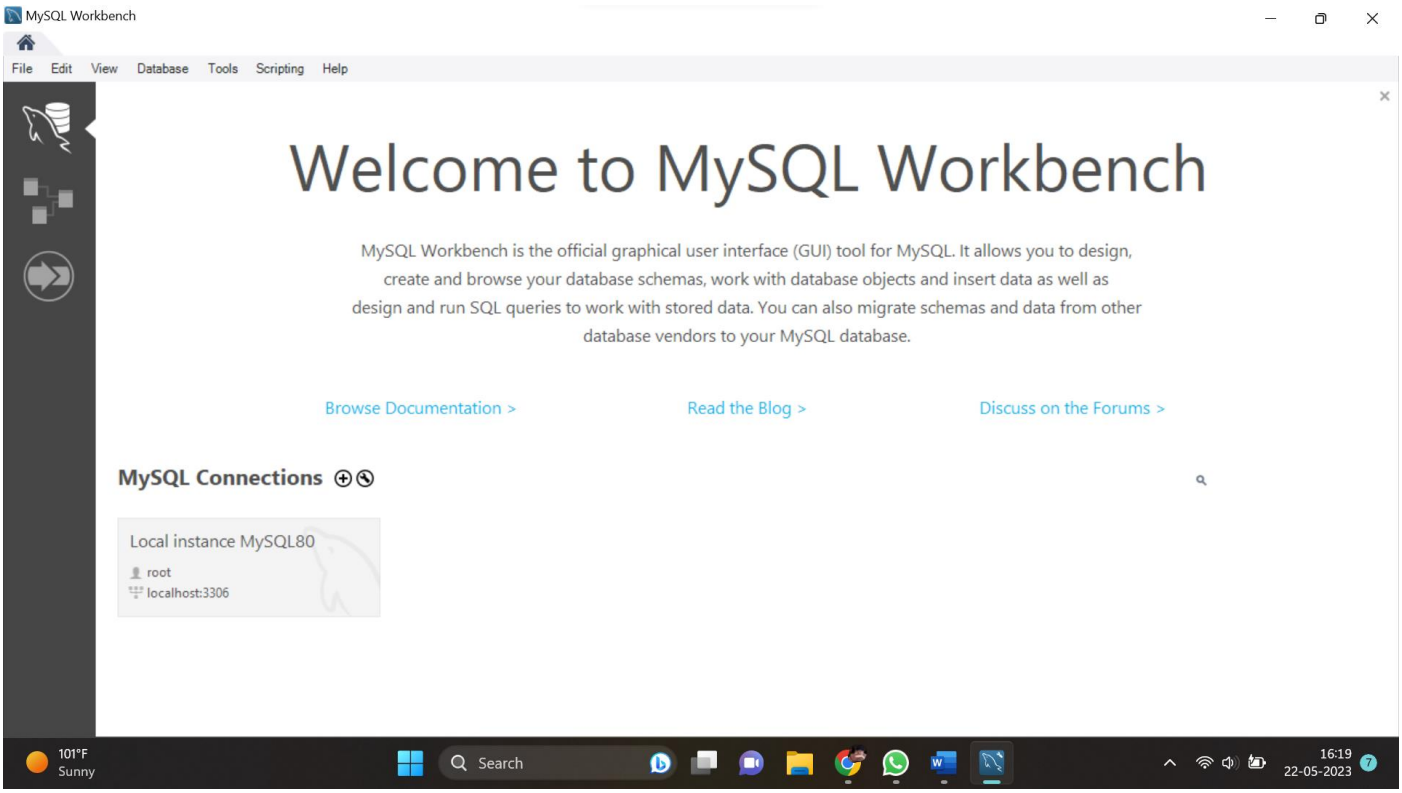
Google link for this pdf and the .twbx file of the assignment: -

https://drive.google.com/drive/folders/1d16RnxG_94K1vLtOqaQEPZxPkKg9t0gt?usp=sharing

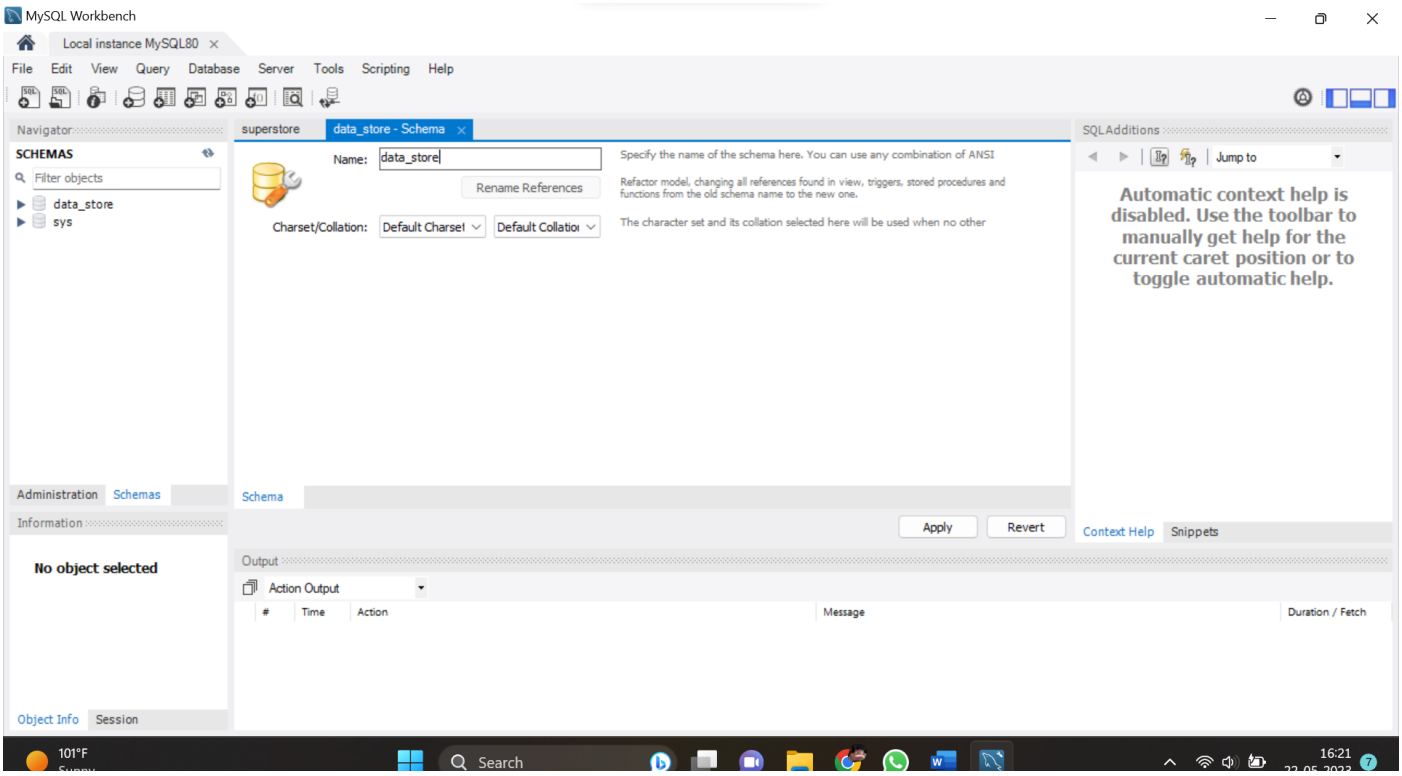
1) Download tableau desktop & Mysql in your PC or laptop

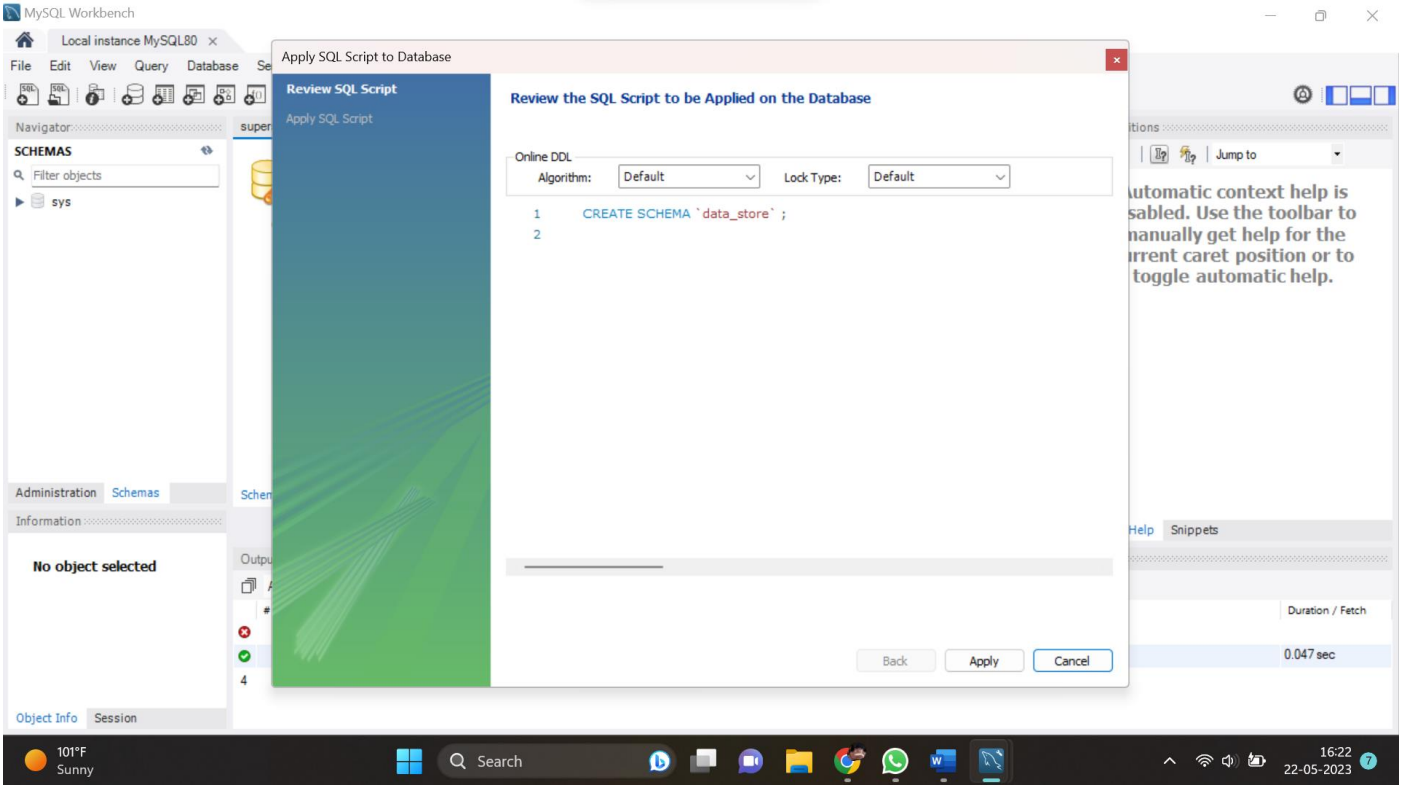


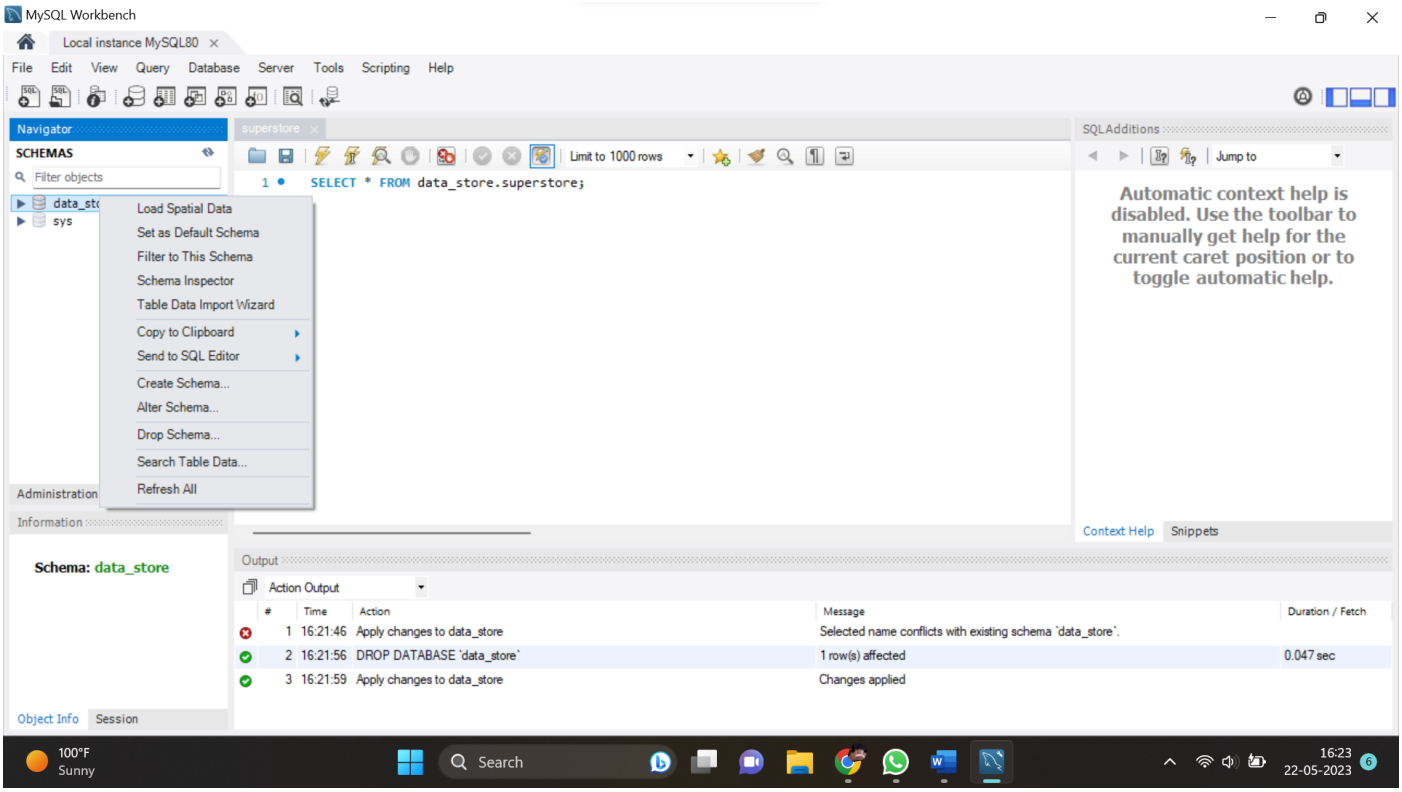

MySQLWorkbench - Shortcut Properties
Security
Details
Previous Versions
General
Shortcut
Compatibility
MySQLWorkbench - Shortcut
Target type: Application
Target location: MySQL Workbench 8.0
Target: QL\MySQL Workbench 8.0\MySQLWorkbench.exe"
Start in: "C:\Program Files\MySQL\MySQL Workbench 8.0"
Shortcut key: None
Run: Normal window
Comment:
Open File Location
Change Icon...
Advanced...
OK
Cancel
Apply

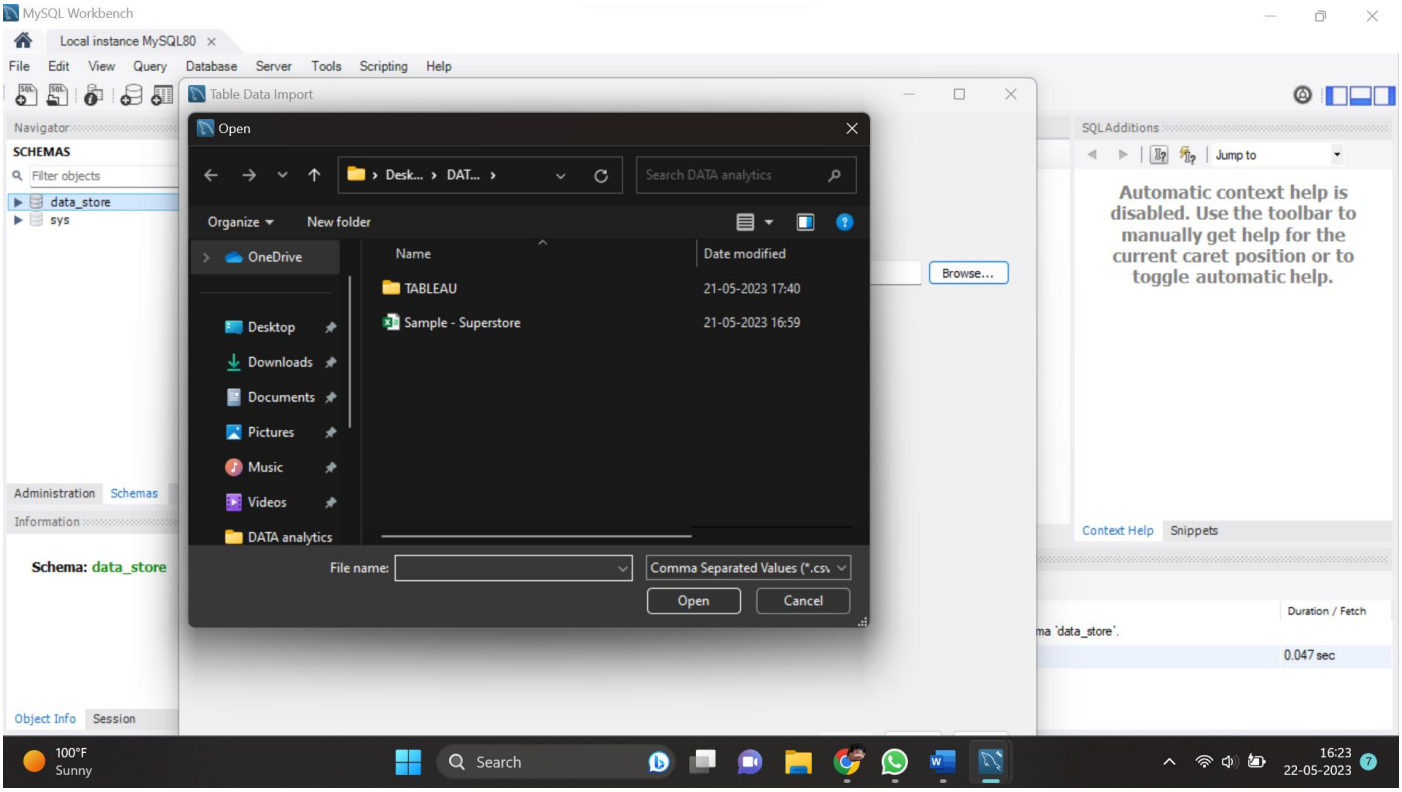

MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run 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
Local instance MySQL80
root
localhost:3306
101°F
Sunny
Search
16:19
22-05-2023

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
data_store
sys
Load Spatial Data
Set as Default Schema
Filter to This Schema
Schema Inspector
Table Data Import Wizard
Copy to Clipboard
Send to SQL Editor
Create Schema...
Alter Schema...
Drop Schema...
Search Table Data...
Refresh All
Administration
Information
Schema: data_store
superstore
Limit to 1000 rows
1 SELECT * FROM data_store.superstore;
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.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 16:21:46 Apply changes to data_store Selected name conflicts with existing schema `data_store`.
2 16:21:56 DROP DATABASE `data_store` 1 row(s) affected 0.047 sec
3 16:21:59 Apply changes to data_store Changes applied
Object Info Session
100°F Sunny
Search
16:23 22-05-2023


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Table Data Import
Open
Desk... › DAT... ›
Search DATA analytics
Organize
New folder
OneDrive
Name
Date modified
TABLEAU
21-05-2023 17:40
Sample - Superstore
21-05-2023 16:59
Desktop
Downloads
Documents
Pictures
Music
Videos
DATA analytics
File name:
Comma Separated Values (*.csv
Open
Cancel
Browse...
Navigator
SCHEMAS
Filter objects
data_store
sys
Administration Schemas
Information
Schema: data_store
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.
Context Help Snippets
Duration / Fetch
ma `data_store`.
0.047 sec
Object Info Session
100°F Sunny
Search
16:23 22-05-2023

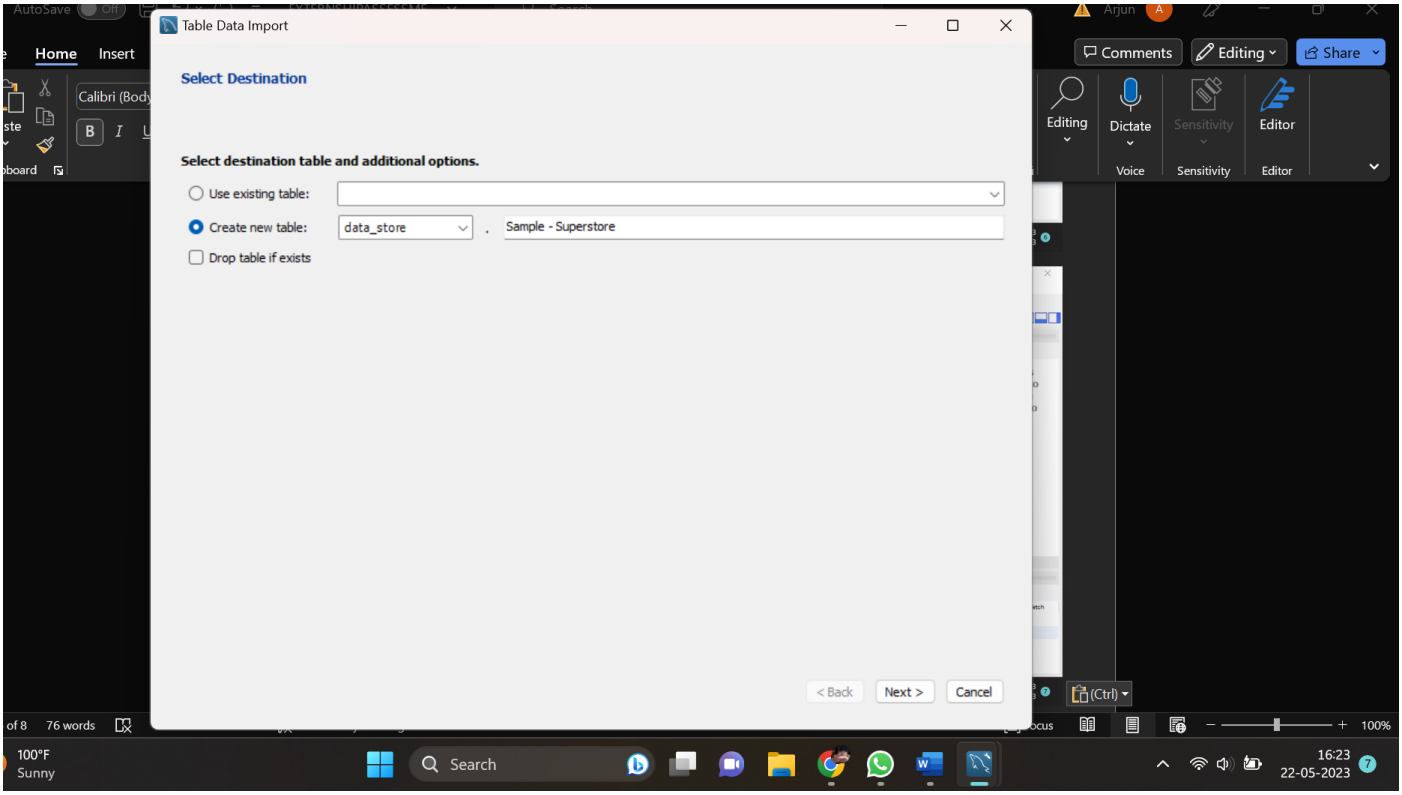
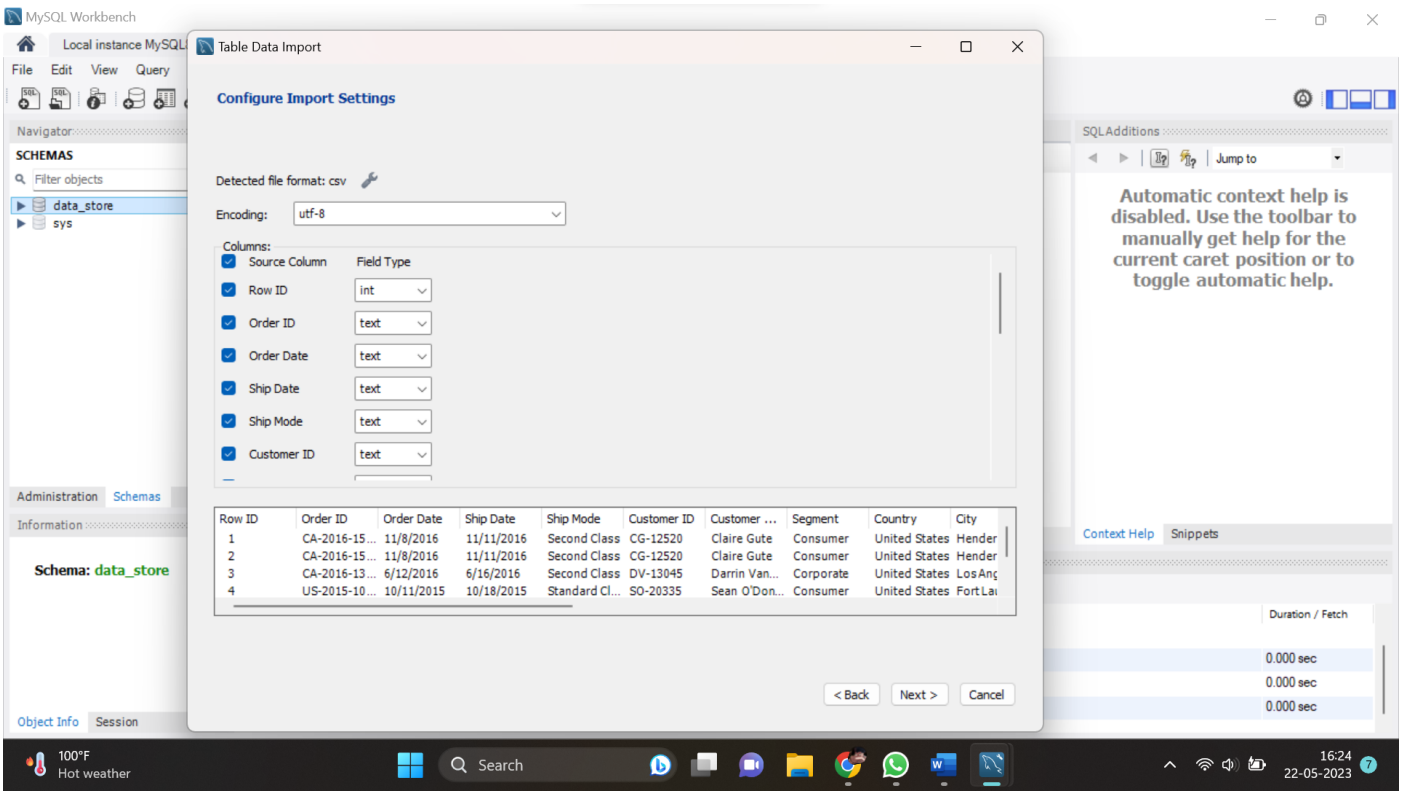
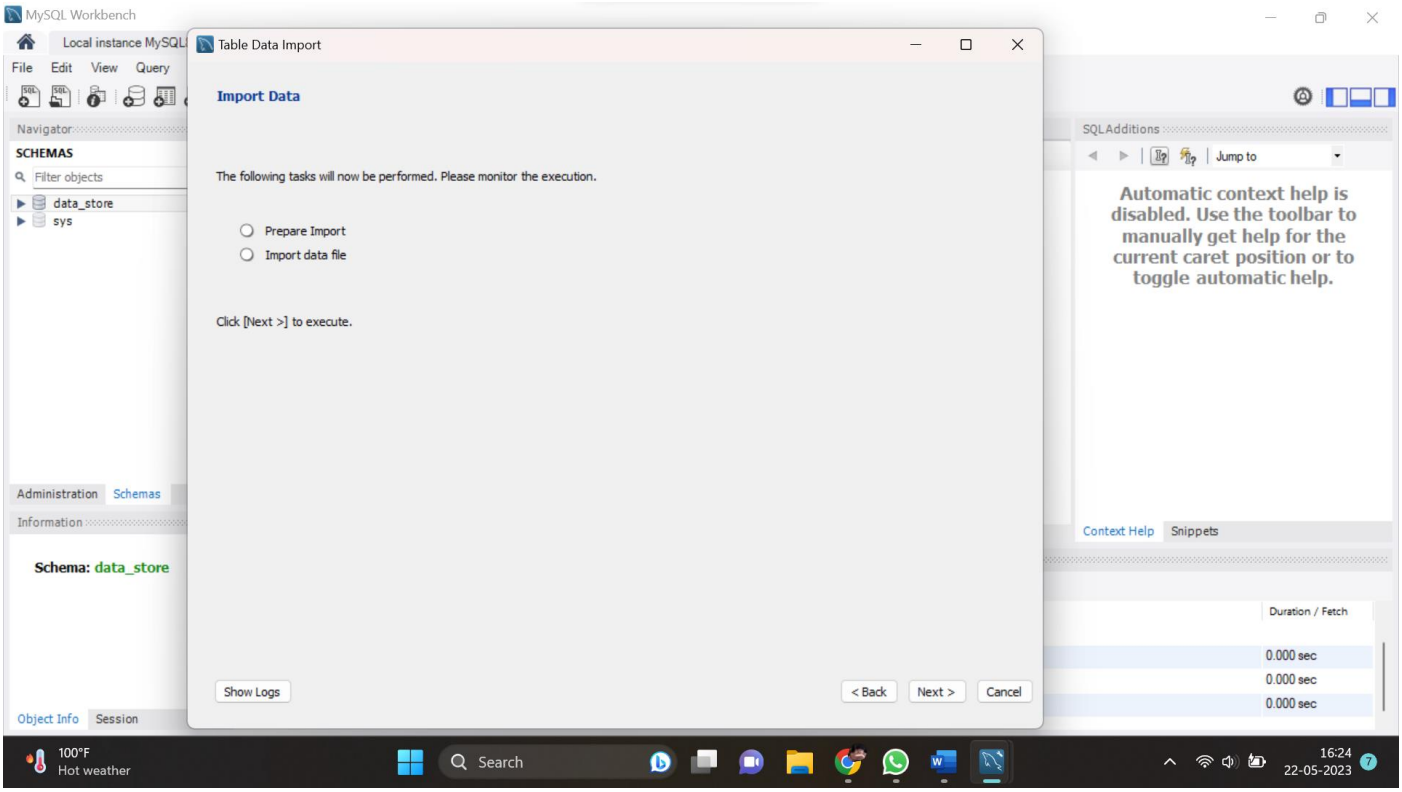
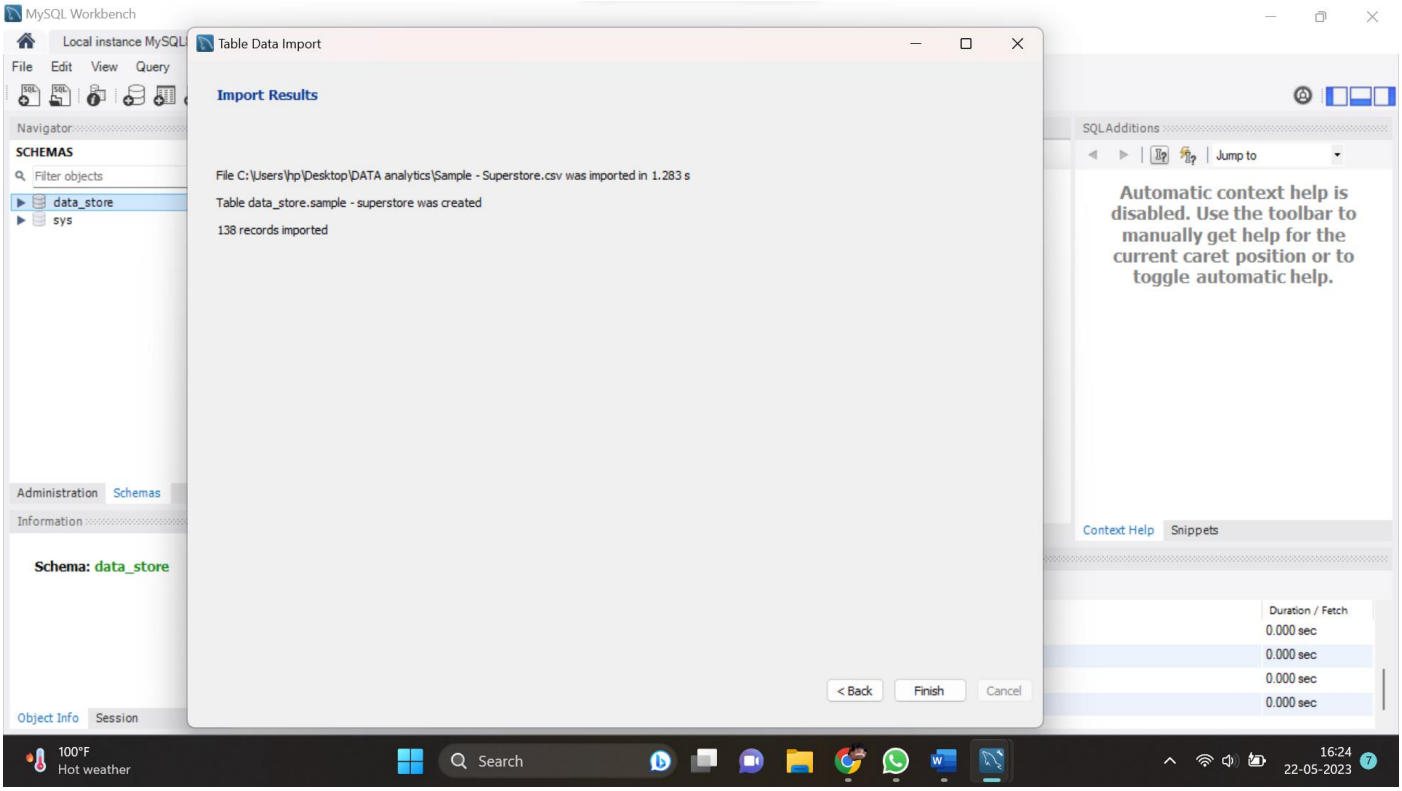


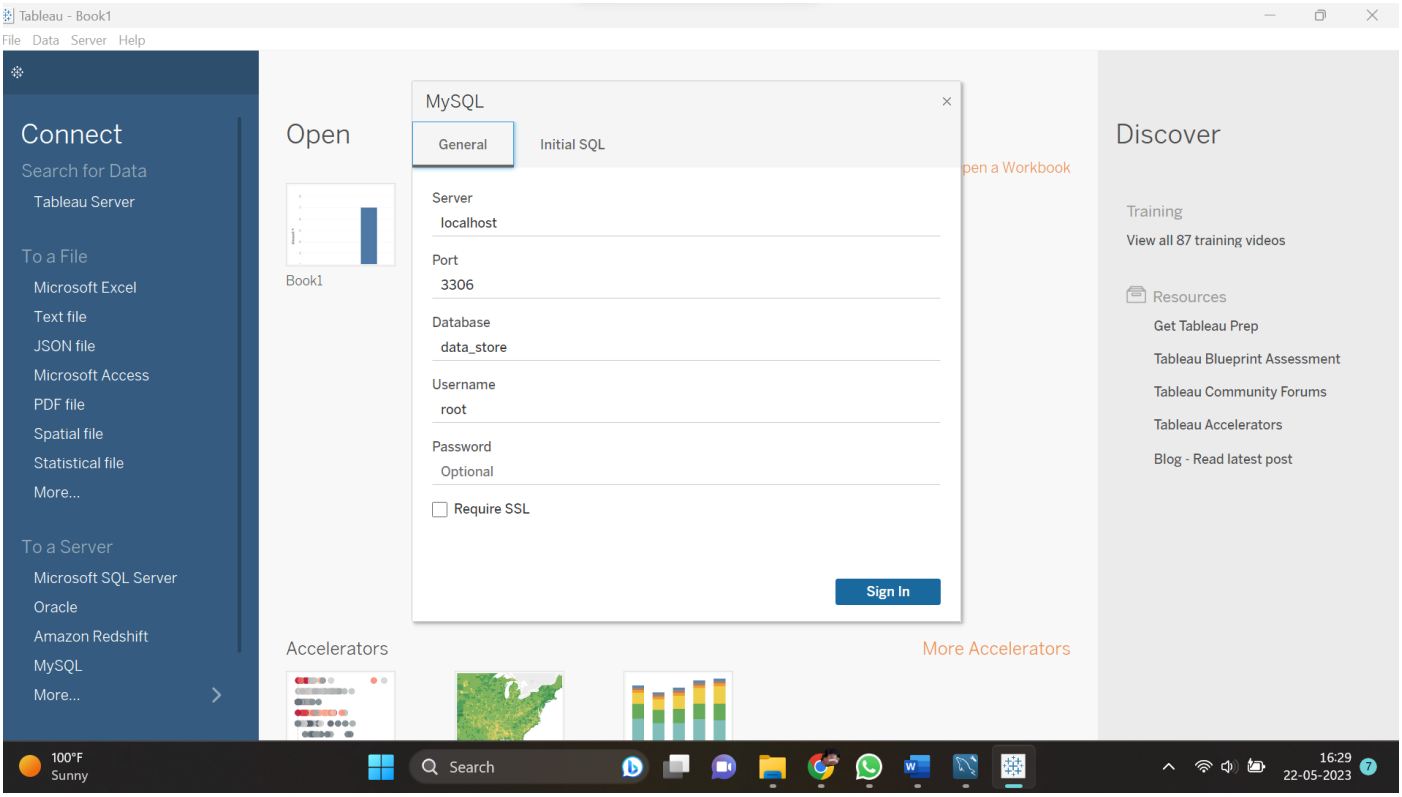
Table Data Import
Select Destination
Select destination table and additional options.
Use existing table:
Create new table:
data_store
Sample - Superstore
Drop table if exists
< Back
Next >
Cancel
Home
Insert
Comments
Editing
Share
Dictate
Sensitivity
Editor
Voice
100°F
Sunny
Search
16:23
22-05-2023

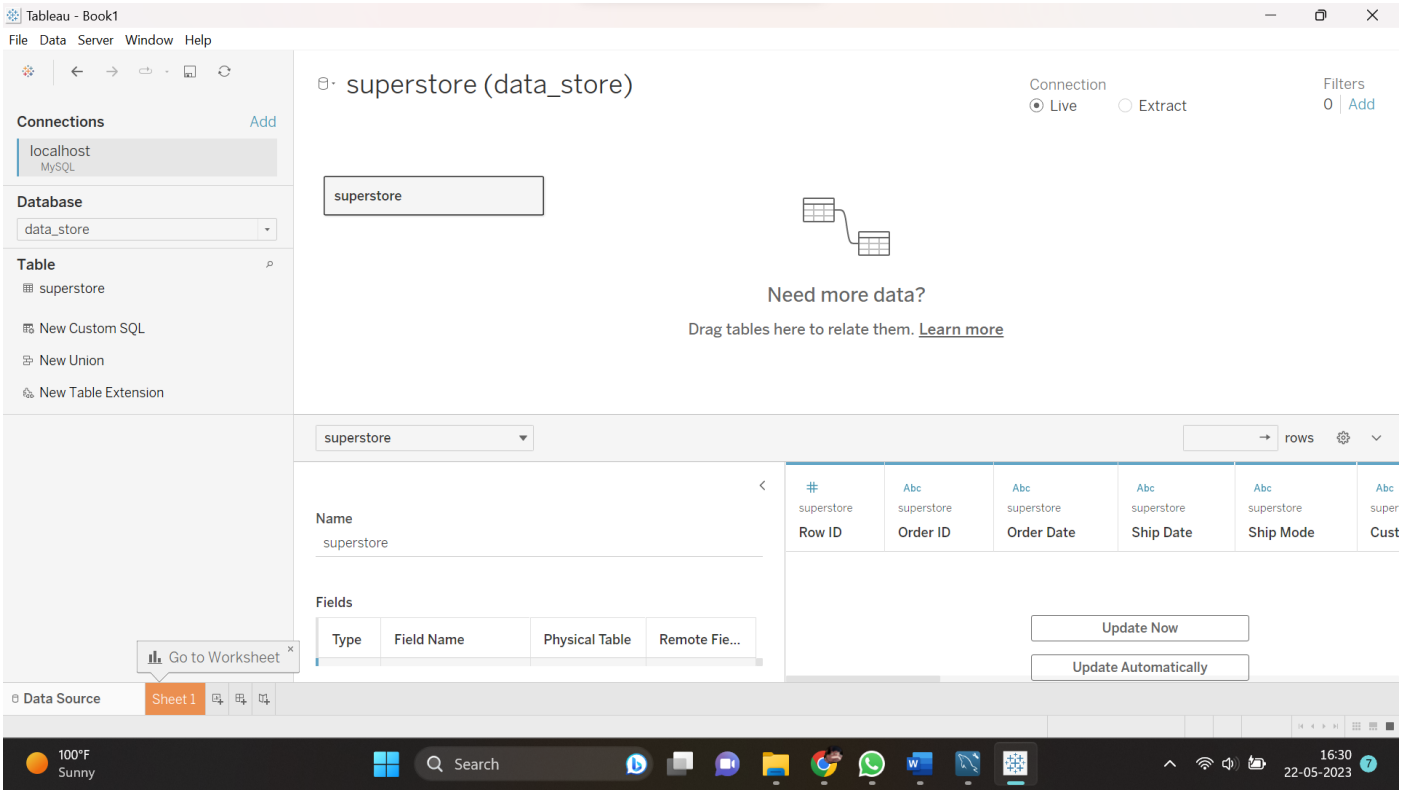

MySQL Workbench
Table Data Import
Configure Import Settings
Detected file format: csv
Encoding:
utf-8
Columns:
Source Column
Field Type
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
int
text
Row ID Order ID Order Date Ship Date Ship Mode Customer ID Customer ... Segment Country City
1 CA-2016-15... 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
Schema: data_store
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help
Snippets
Duration / Fetch
0.000 sec
0.000 sec
0.000 sec
100°F
Hot weather
Search
16:24
22-05-2023


MySQL Workbench
Local instance MySQL
File Edit View Query
Navigator
SCHEMAS
Filter objects
data_store
sys
Administration Schemas
Information
Schema: data_store
Object Info Session
Table Data Import
Import Data
The following tasks will now be performed. Please monitor the execution.
Prepare Import
Import data file
Click [Next >] to execute.
Show Logs
< Back
Next >
Cancel
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.
Context Help Snippets
Duration / Fetch
0.000 sec
0.000 sec
0.000 sec
100°F
Hot weather
Search
16:24
22-05-2023


MySQL Workbench
Local instance MySQL
File Edit View Query
Navigator
SCHEMAS
Filter objects
data_store
sys
Administration Schemas
Information
Schema: data_store
Object Info Session
Table Data Import
Import Results
File C:\Users\hp\Desktop\DATA analytics\Sample - Superstore.csv was imported in 1.283 s
Table data_store.sample - superstore was created
138 records imported
< Back
Finish
Cancel
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.
Context Help Snippets
Duration / Fetch
0.000 sec
0.000 sec
0.000 sec
0.000 sec
100°F
Hot weather
Search
16:24
22-05-2023

3) Connect your Mysql and Tableau





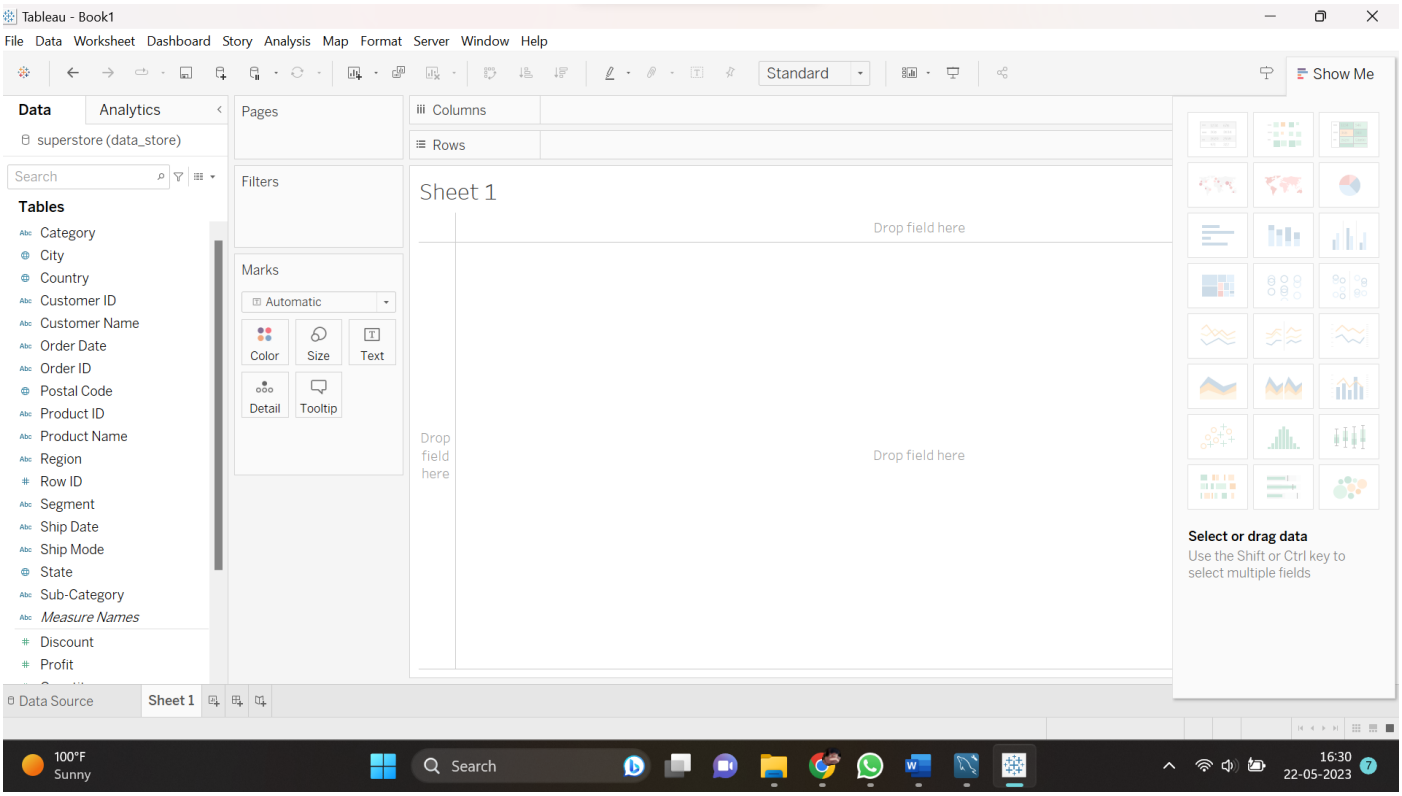


Tableau - Book1
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
superstore (data_store)
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Profit
Pages
Filters
Marks
Automatic
Color
Size
Text
Detail
Tooltip
Columns
Rows
Sheet 1
Drop field here
Drop field here
Drop field here
Select or drag data
Use the Shift or Ctrl key to select multiple fields
Data Source
Sheet 1
100°F
Sunny
Search
16:30
22-05-2023

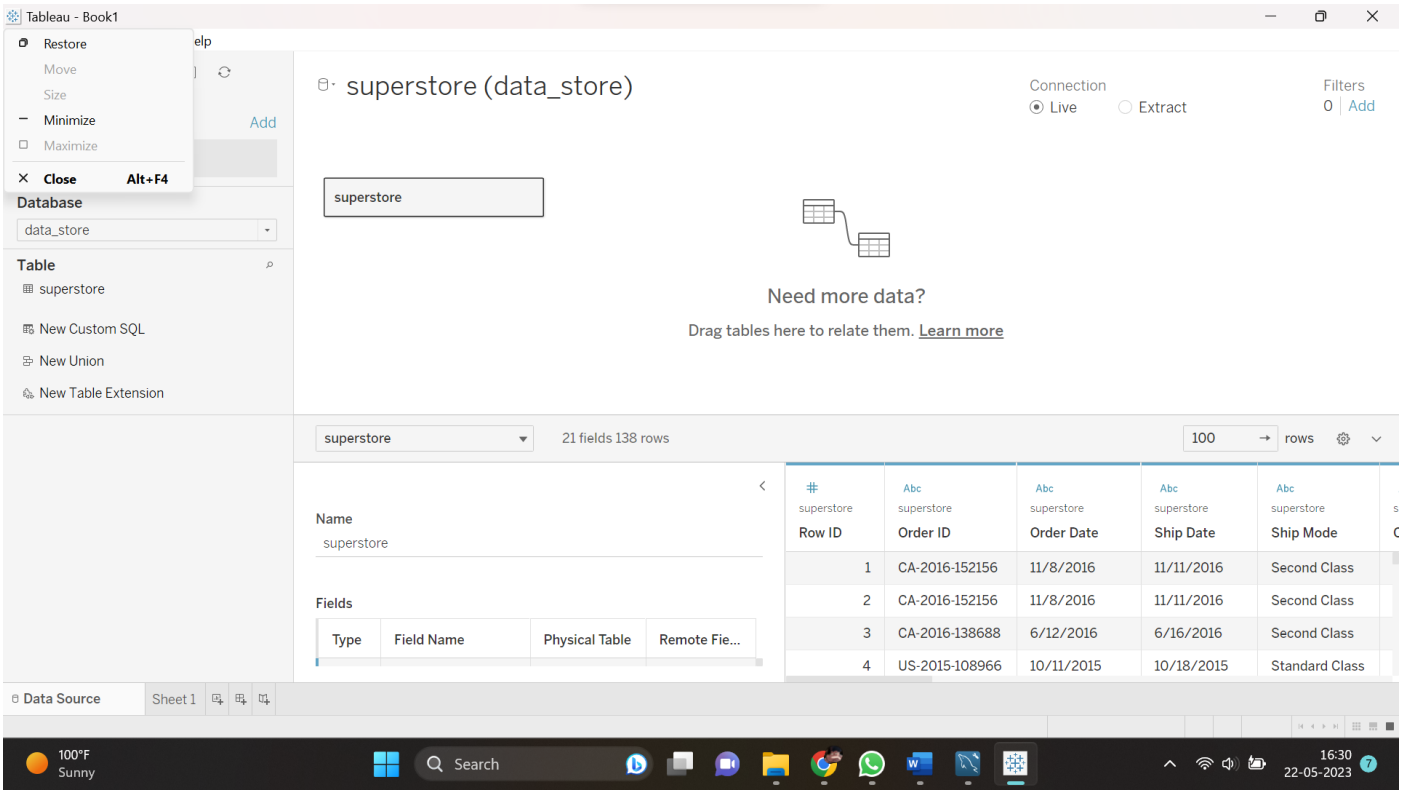
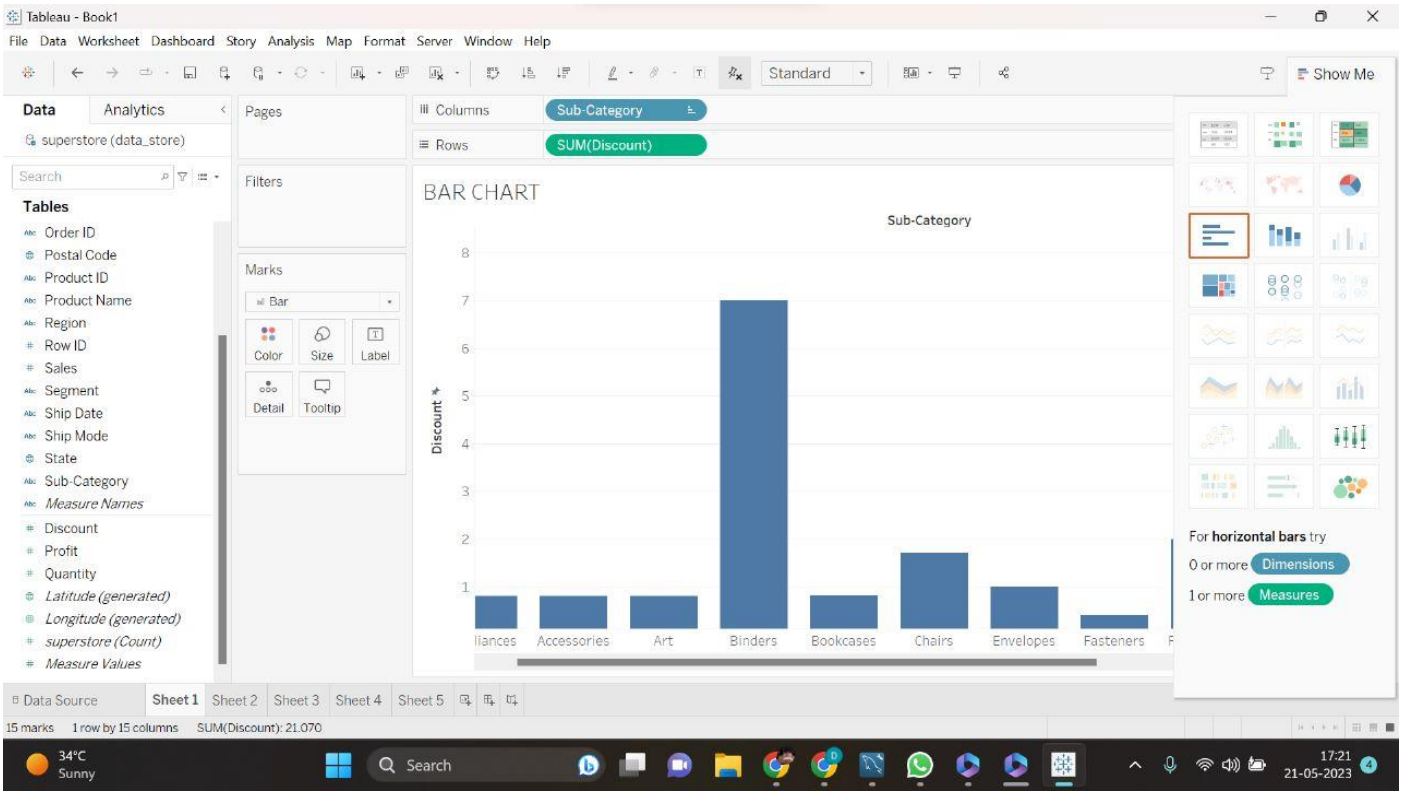


Tableau - Book1
Restore
Move
Size
Minimize
Maximize
Close Alt+F4
Add
Database
data_store
Table
superstore
New Custom SQL
New Union
New Table Extension
superstore (data_store)
Connection
Live
Extract
Filters
0 Add
superstore
Need more data?
Drag tables here to relate them. Learn more
superstore
21 fields 138 rows
100 rows
Name
superstore
Fields
Type
Field Name
Physical Table
Remote Fie...
superstore Row ID
superstore Order ID
superstore Order Date
superstore Ship Date
superstore Ship Mode
1 CA-2016-152156 11/8/2016 11/11/2016 Second Class
2 CA-2016-152156 11/8/2016 11/11/2016 Second Class
3 CA-2016-138688 6/12/2016 6/16/2016 Second Class
4 US-2015-108966 10/11/2015 10/18/2015 Standard Class
Data Source
Sheet 1
100°F
Sunny
Search
16:30
22-05-2023

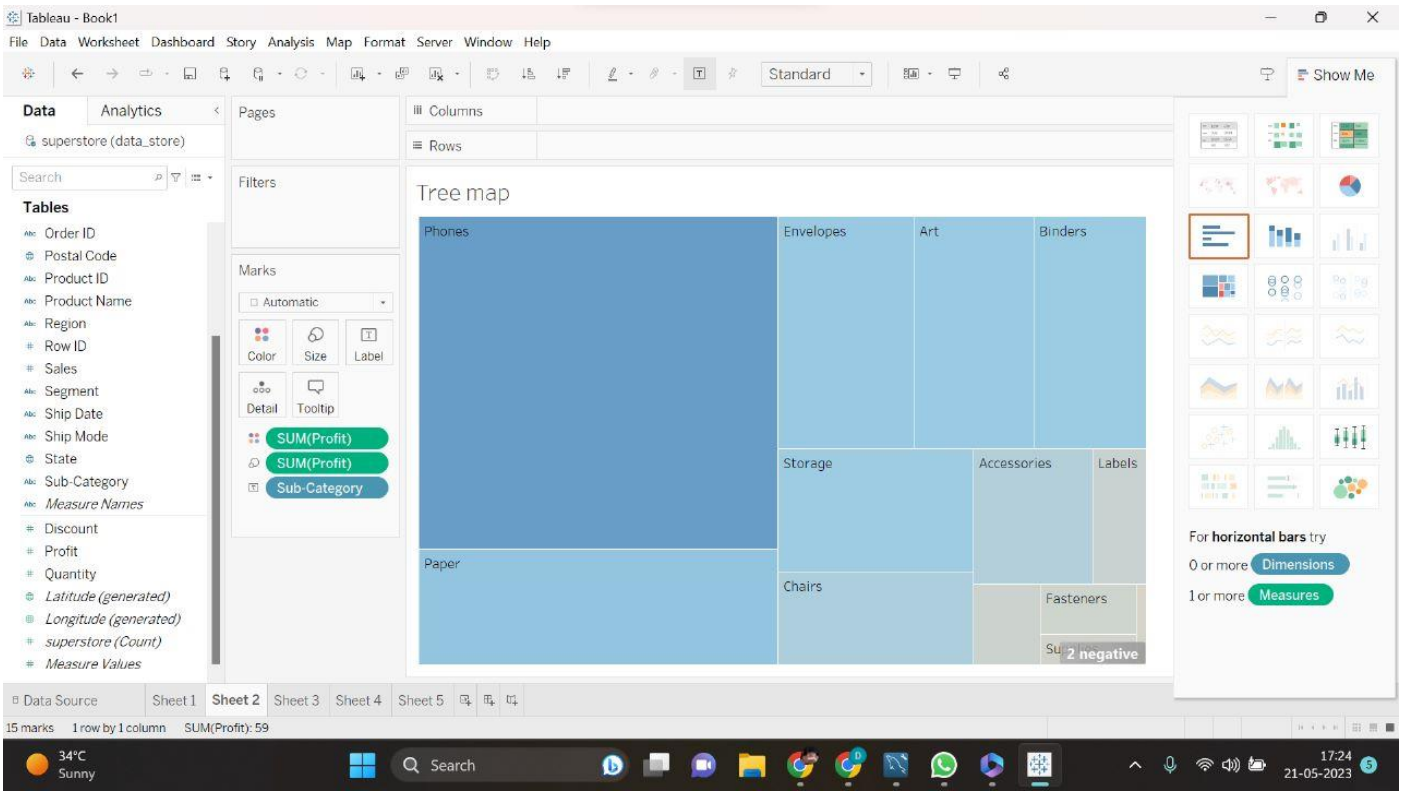
4) Create the below 5 charts/plots

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

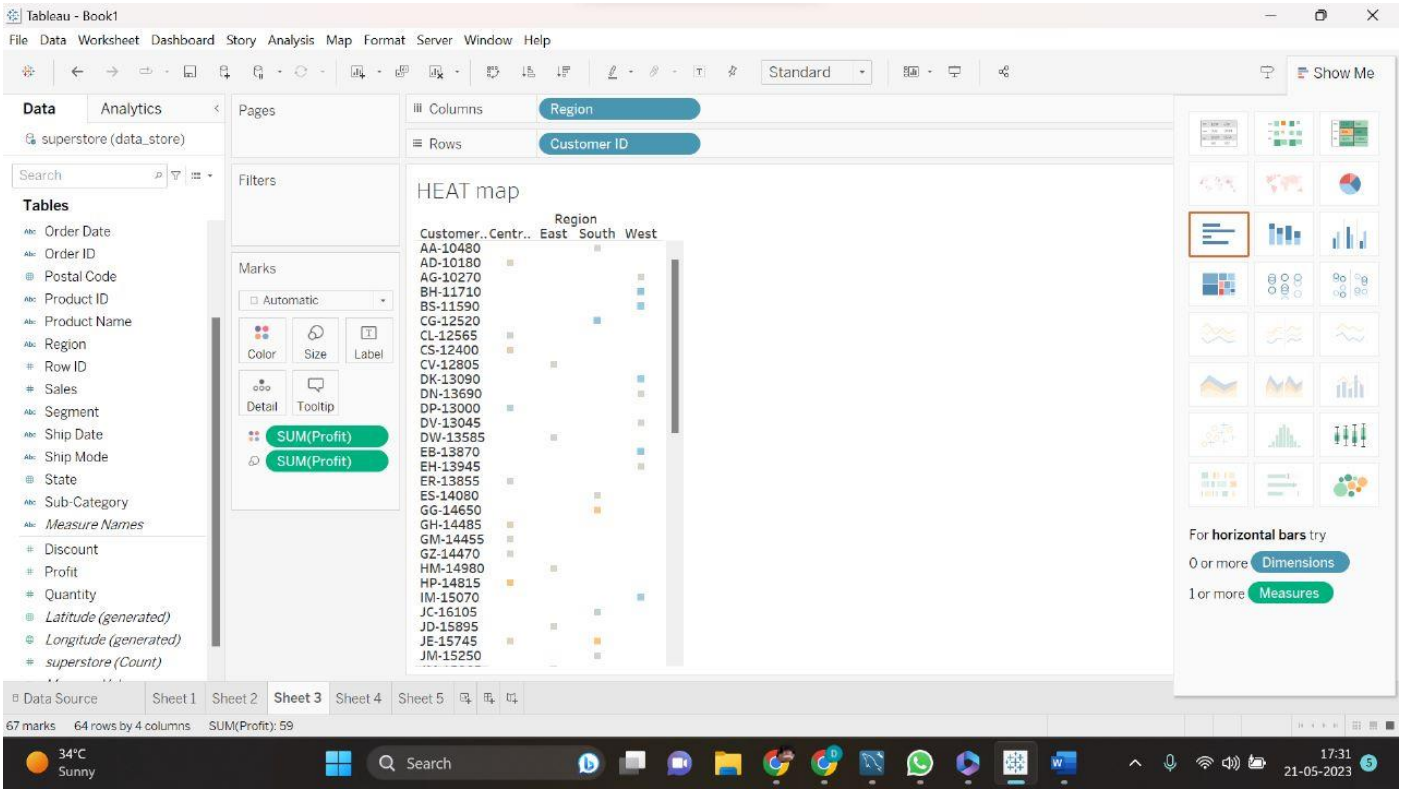
BAR CHART:



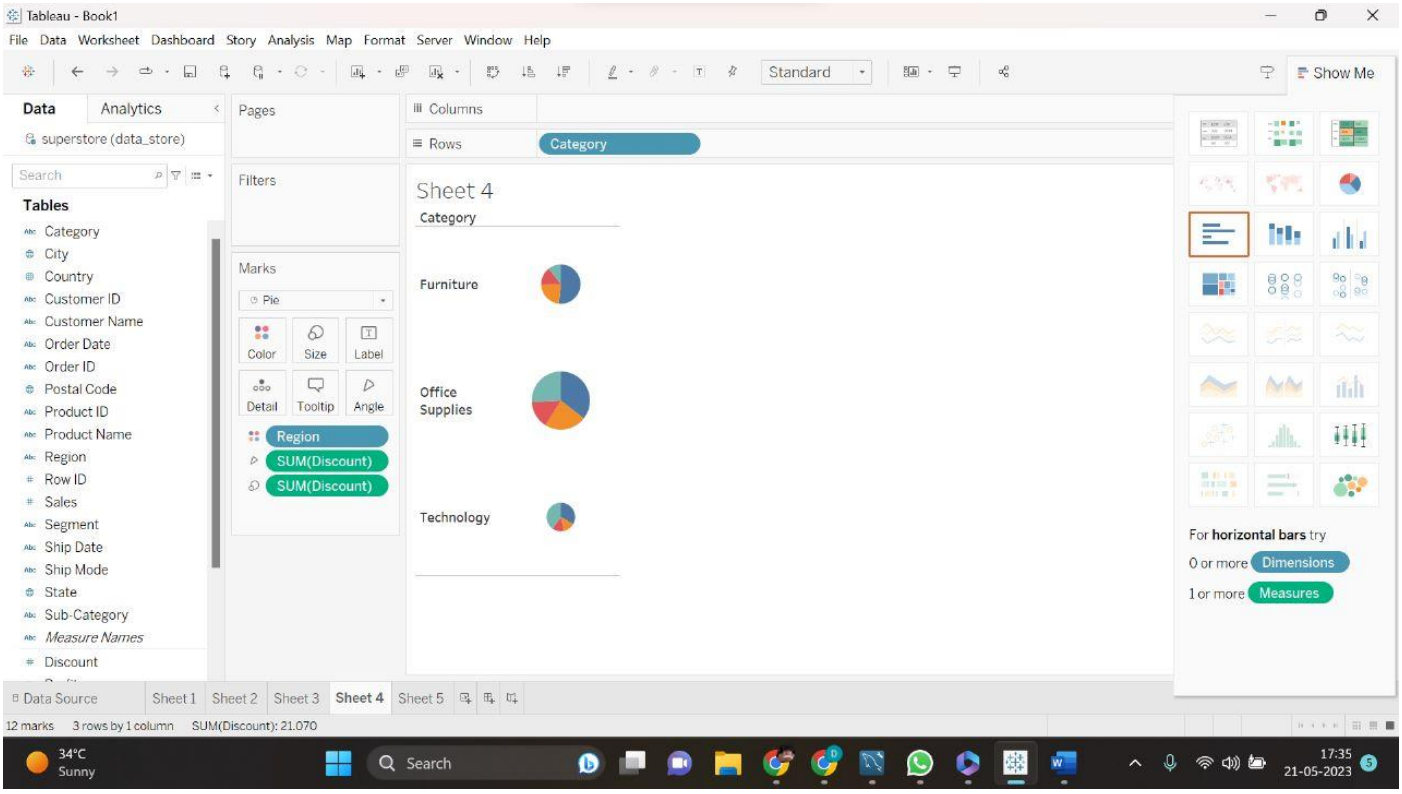
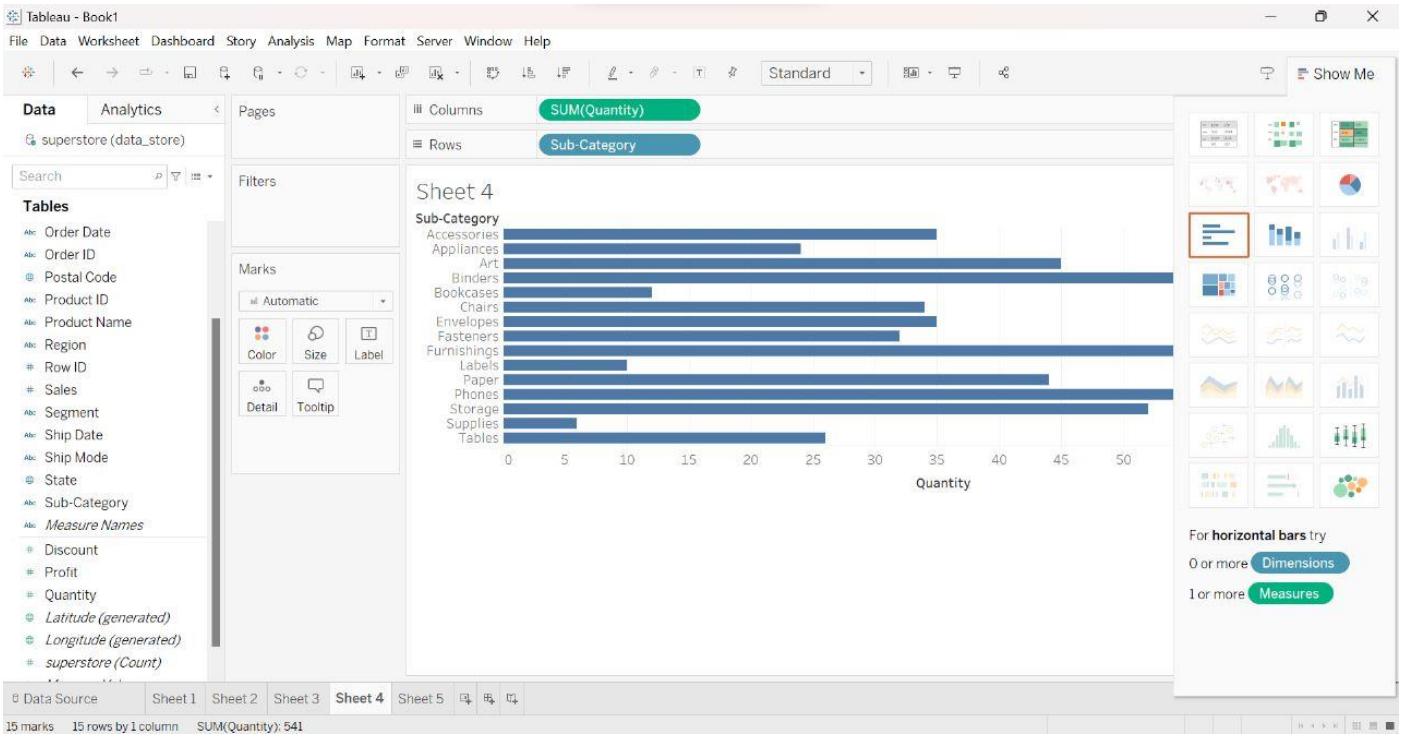
Tree map:



Heatmap:



Pie chart:



Horizontal bar chart: