Name : KOVVURU VENKATA MRUNALINI REDDY

Reg.no : 20MID0116

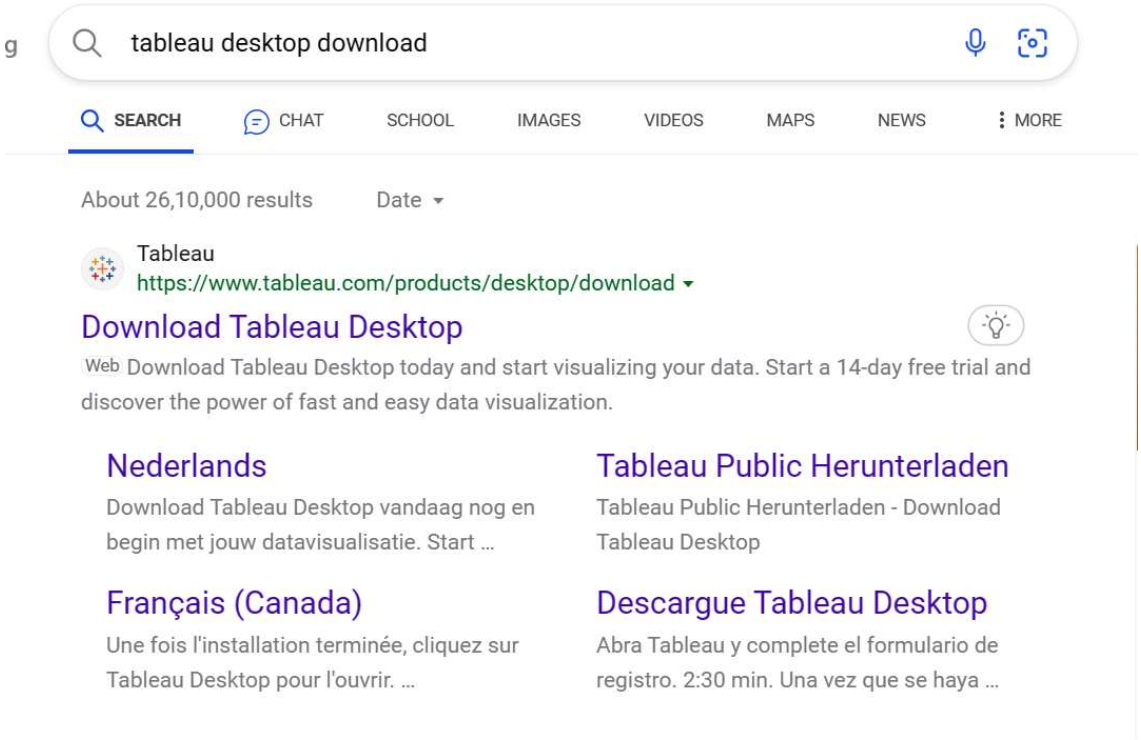
Campus : Vellore

Course : Data analytics

Assignment : 01

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

Tableau desktop:



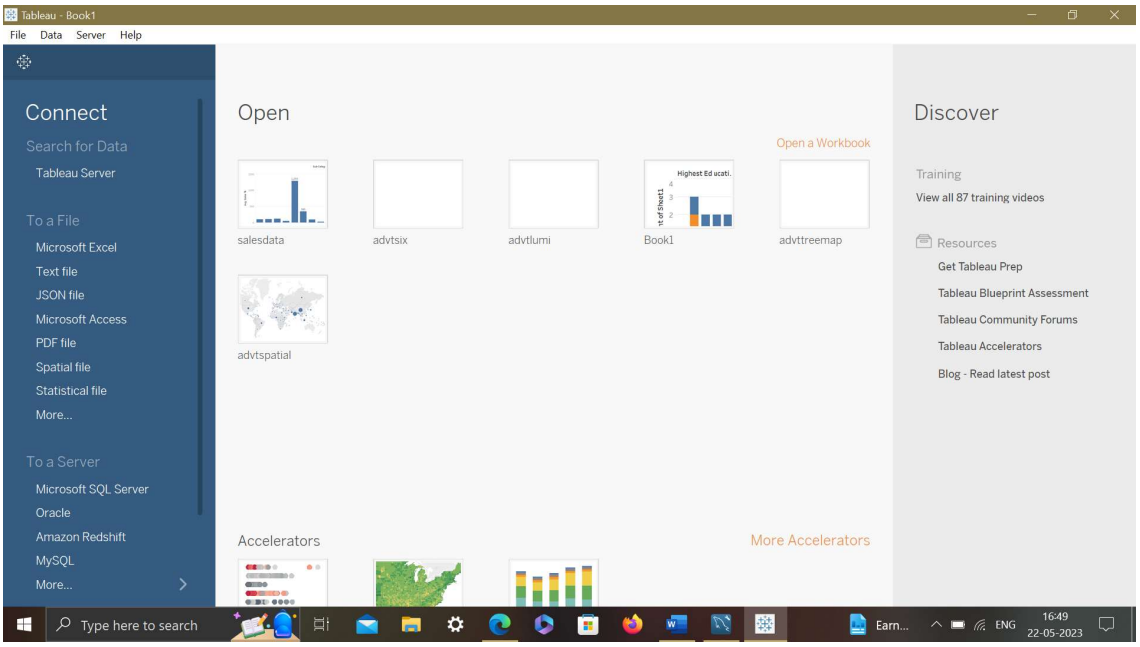
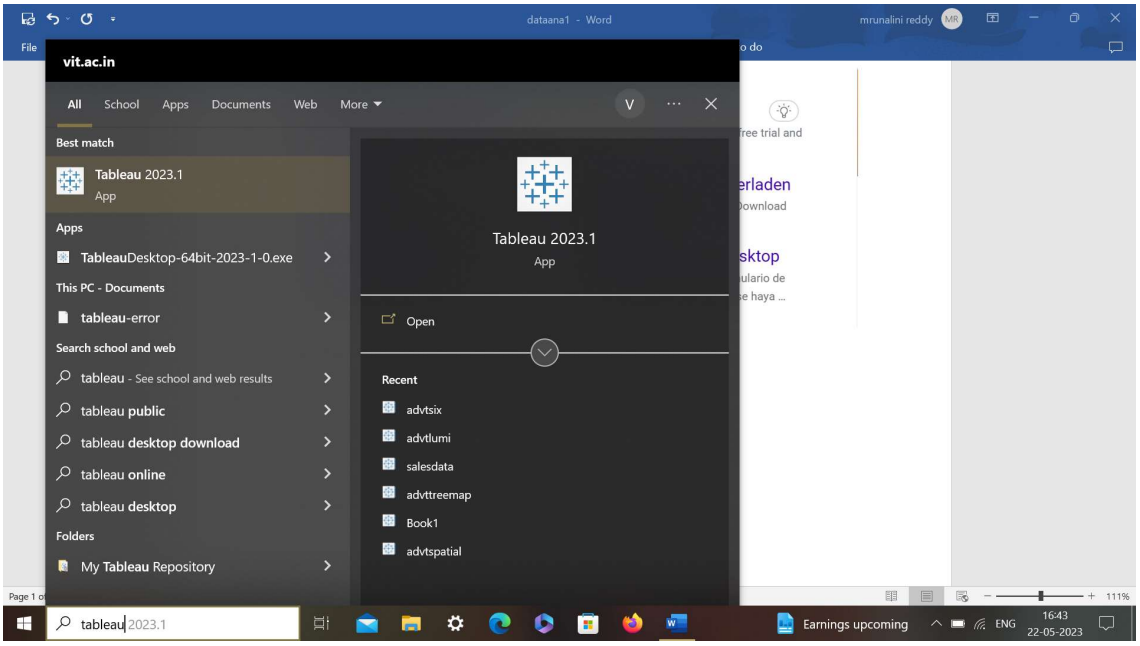


Tableau - Book1
File Data Server Help
Connect
Search for Data
Tableau Server
To a File
Microsoft Excel
Text file
JSON file
Microsoft Access
PDF file
Spatial file
Statistical file
More...
To a Server
Microsoft SQL Server
Oracle
Amazon Redshift
MySQL
More...
Open
Open a Workbook
salesdata
advtsix
advtlumi
Book1
advttreemap
advtspatial
Accelerators
More Accelerators
Discover
Training
View all 87 training videos
Resources
Get Tableau Prep
Tableau Blueprint Assessment
Tableau Community Forums
Tableau Accelerators
Blog - Read latest post
Type here to search
ENG
16:49
22-05-2023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File
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All School Apps Documents Web More
Best match
Tableau 2023.1
App
Apps
TableauDesktop-64bit-2023-1-0.exe
This PC - Documents
tableau-error
Search school and web
tableau - See school and web results
tableau public
tableau desktop download
tableau online
tableau desktop
Folders
My Tableau Repository
Tableau 2023.1
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Book1
advtspatial
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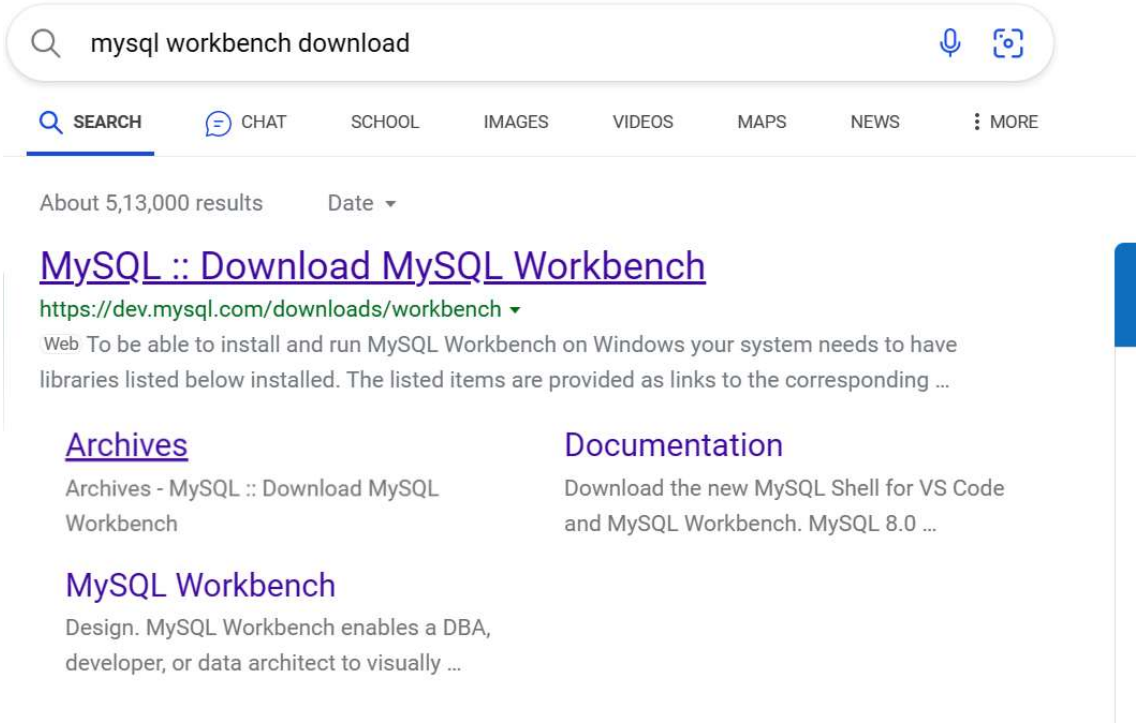
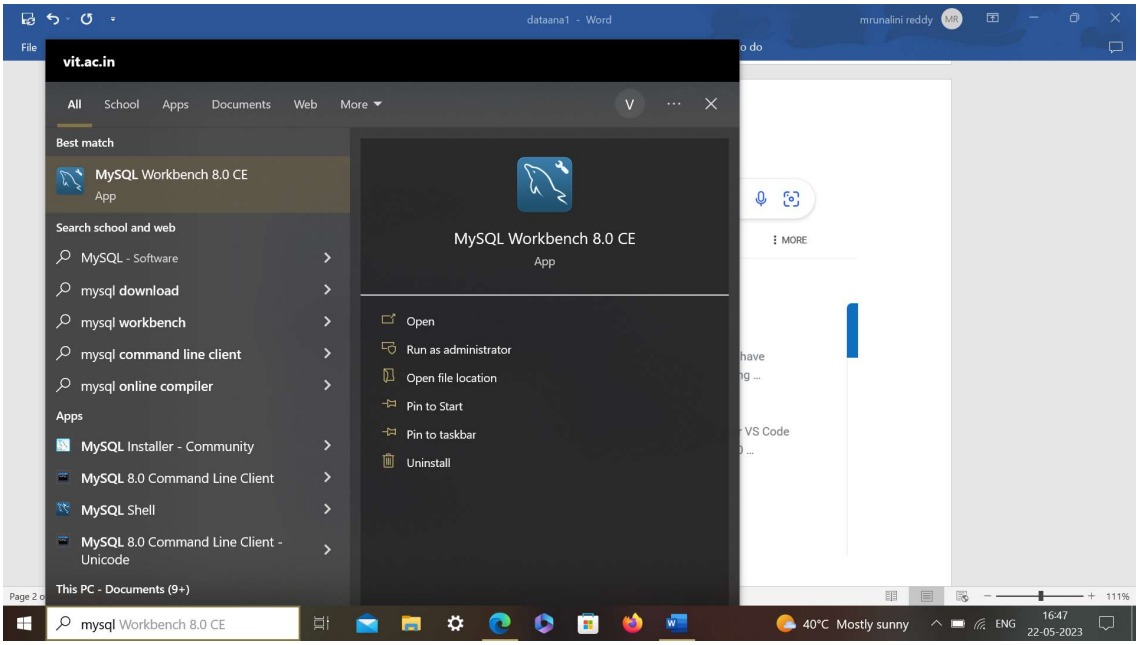
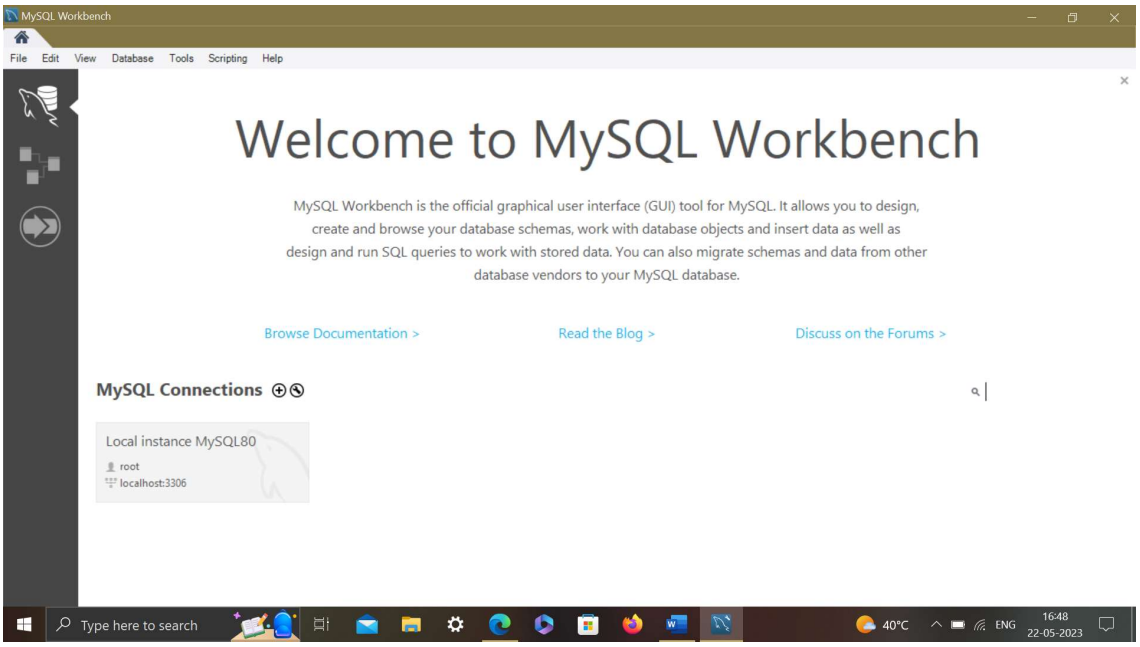
22-05-2023

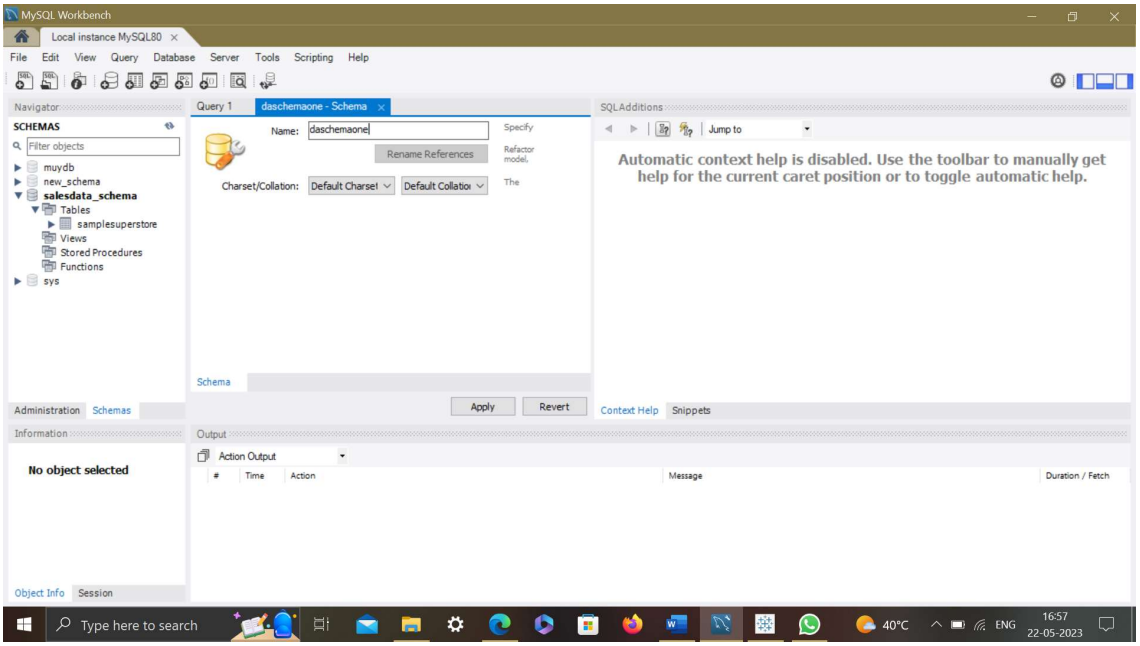
MySQL:

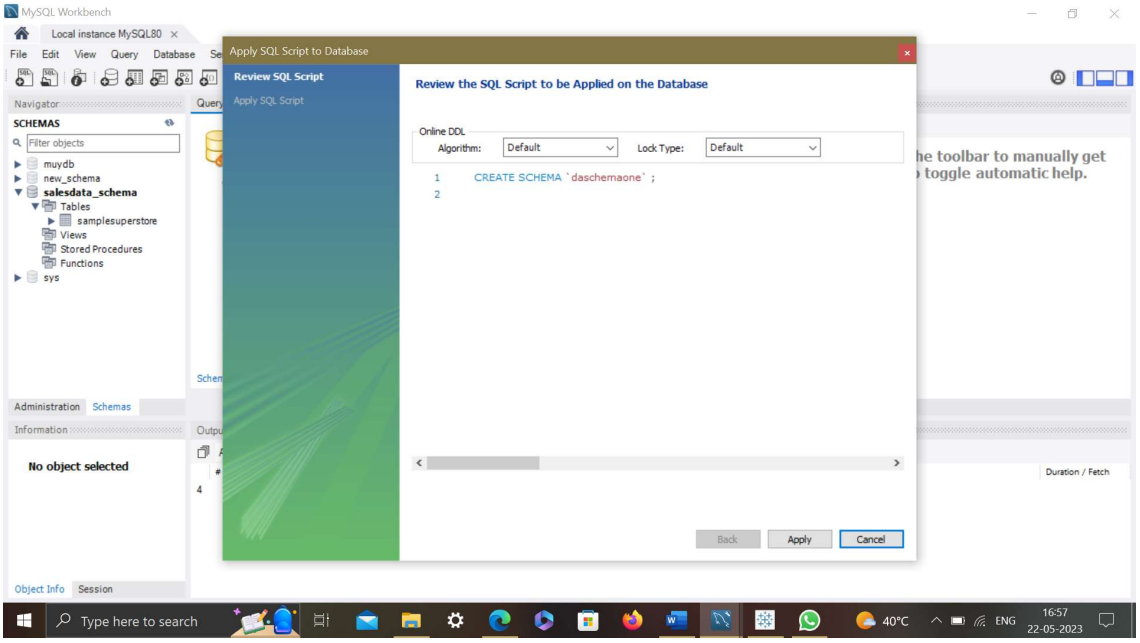

mysql workbench download
SEARCH
CHAT
SCHOOL
IMAGES
VIDEOS
MAPS
NEWS
MORE
About 5,13,000 results
Date
MySQL :: Download MySQL Workbench
https://dev.mysql.com/downloads/workbench
Web To be able to install and run MySQL Workbench on Windows your system needs to have libraries listed below installed. The listed items are provided as links to the corresponding ...
Archives
Archives - MySQL :: Download MySQL Workbench
Documentation
Download the new MySQL Shell for VS Code and MySQL Workbench. MySQL 8.0 ...
MySQL Workbench
Design. MySQL Workbench enables a DBA, developer, or data architect to visually ...

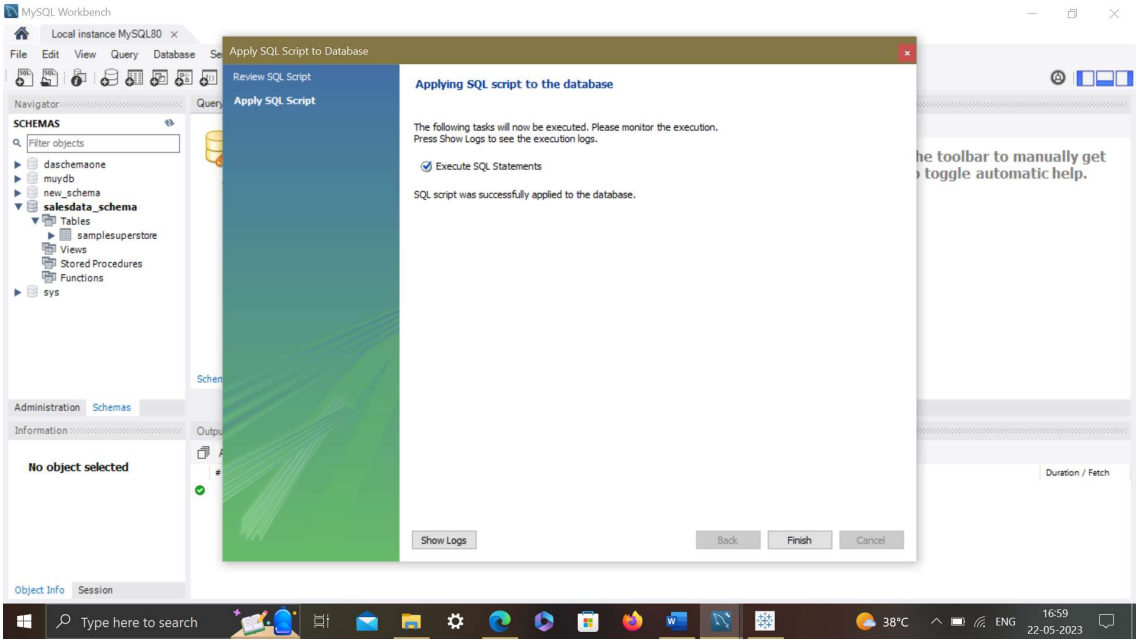

vit.ac.in
All
School
Apps
Documents
Web
More
Best match
MySQL Workbench 8.0 CE
App
Search school and web
MySQL - Software
mysql download
mysql workbench
mysql command line client
mysql online compiler
Apps
MySQL Installer - Community
MySQL 8.0 Command Line Client
MySQL Shell
MySQL 8.0 Command Line Client - Unicode
This PC - Documents (9+)
MySQL Workbench 8.0 CE
App
Open
Run as administrator
Open file location
Pin to Start
Pin to taskbar
Uninstall
mysql Workbench 8.0 CE
40°C Mostly sunny
ENG
16:47
22-05-2023

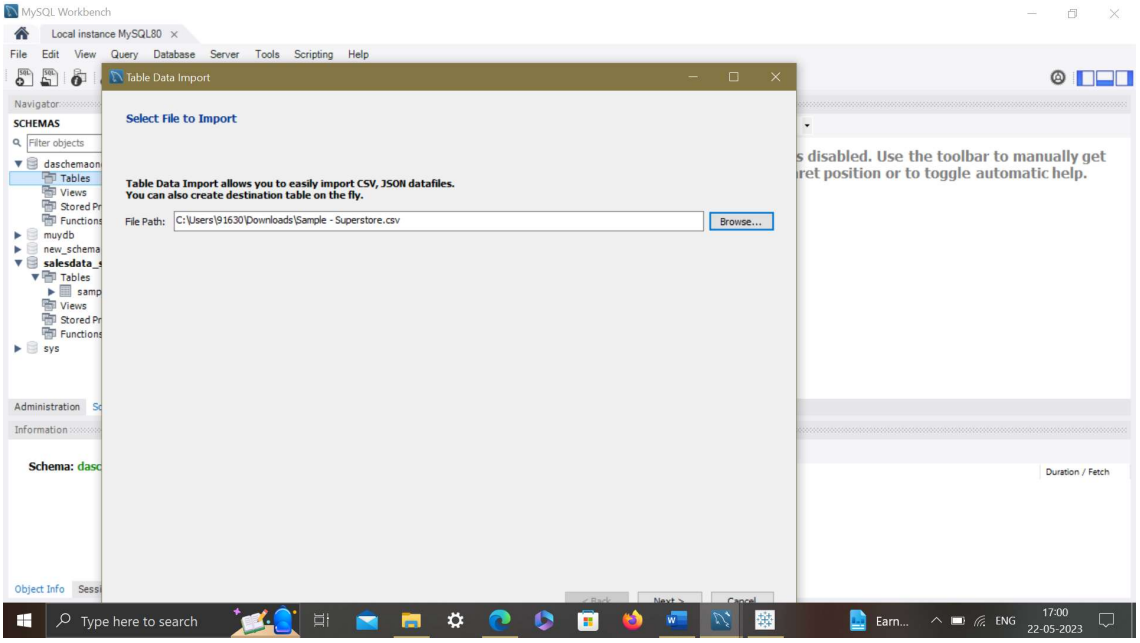


2) Create a new schema in your MySQL workbench and upload your data




MySQL Workbench
Local instance MySQL80
File Edit View Query Database
Navigator
SCHEMAS
Filter objects
muydb
new_schema
salesdata_schema
Tables
samplesuperstore
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
No object selected
Object Info Session
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 `daschemaone` ;
2
Back Apply Cancel
Duration / Fetch
Type here to search
40°C
ENG
16:57
22-05-2023


MySQL Workbench
Local instance MySQL80
File Edit View Query Database
Navigator
SCHEMAS
Filter objects
daschemaone
muydb
new_schema
salesdata_schema
Tables
samplesuperstore
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
No object selected
Object Info Session
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
Duration / Fetch
Type here to search
38°C
ENG
16:59
22-05-2023


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
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: C:\Users\91630\Downloads\Sample - Superstore.csv
Browse...
< Back
Next >
Cancel
Navigator
SCHEMAS
Filter objects
Tables
Views
Stored Pr
Functions
muydb
new_schema
salesdata_s
sys
Administration
Information
Schema: dasc
Duration / Fetch
Object Info
Sessi
Type here to search
Earn...
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22-05-2023

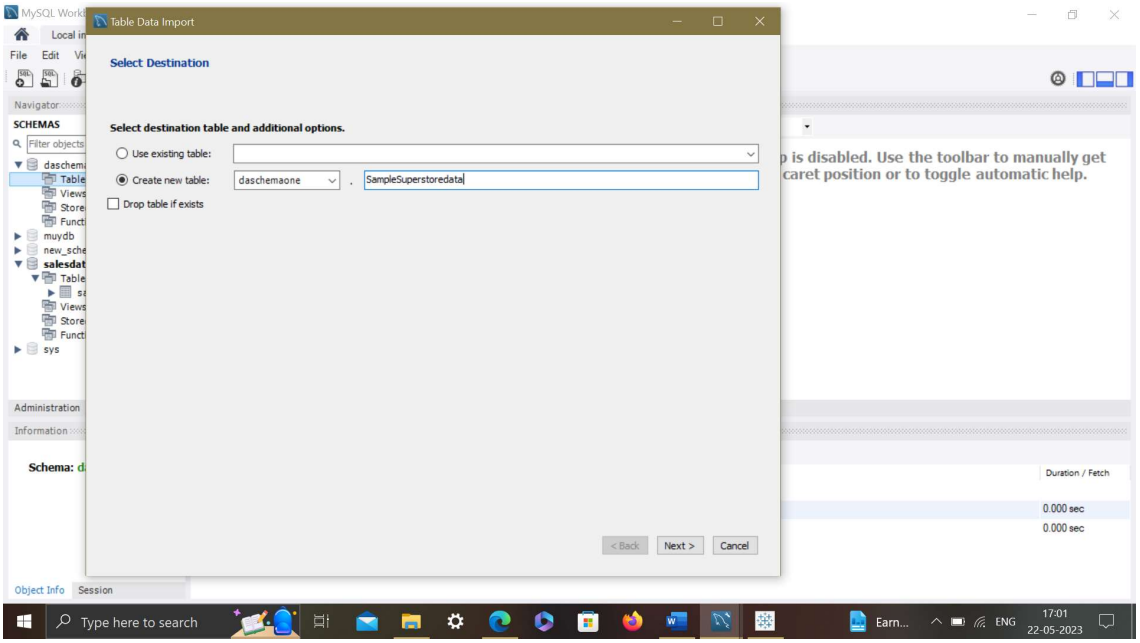


Table Data Import
Select Destination
Select destination table and additional options.
Use existing table:
Create new table:
daschemaone
SampleSuperstoredata
Drop table if exists
< Back
Next >
Cancel
Navigator
SCHEMAS
Filter objects
muydb
sys
Administration
Information
Schema:
Duration / Fetch
0.000 sec
0.000 sec
Object Info
Session
Type here to search
Earn...
ENG
17:01
22-05-2023

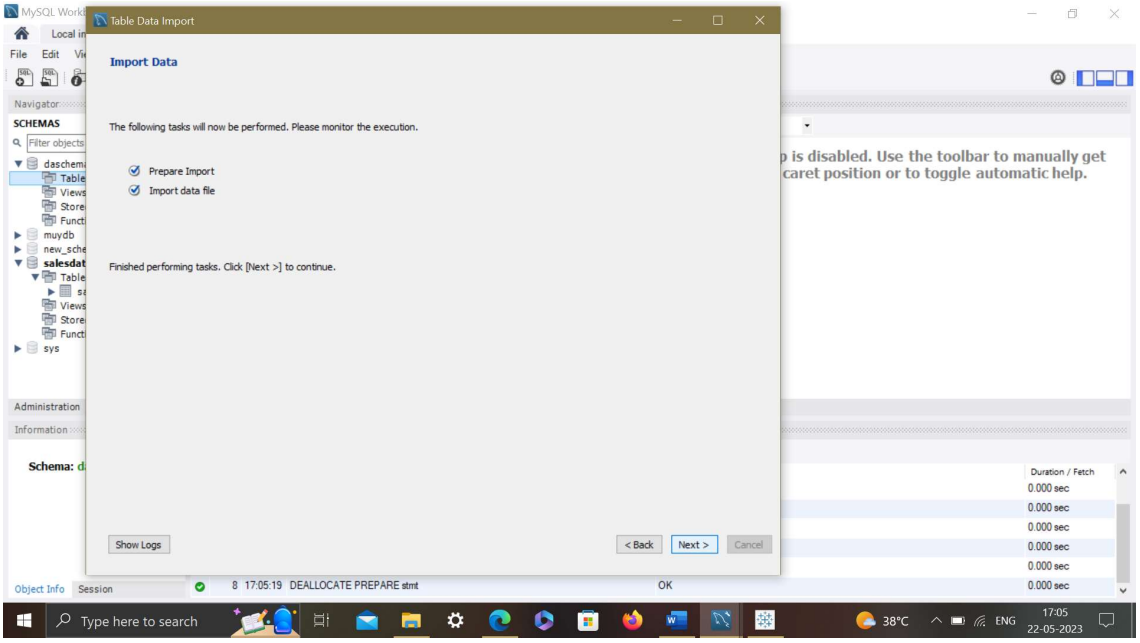
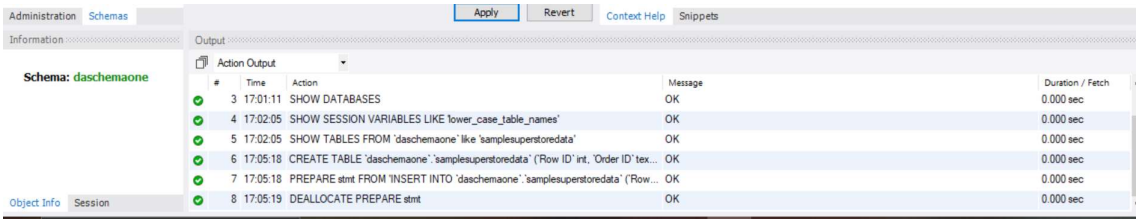
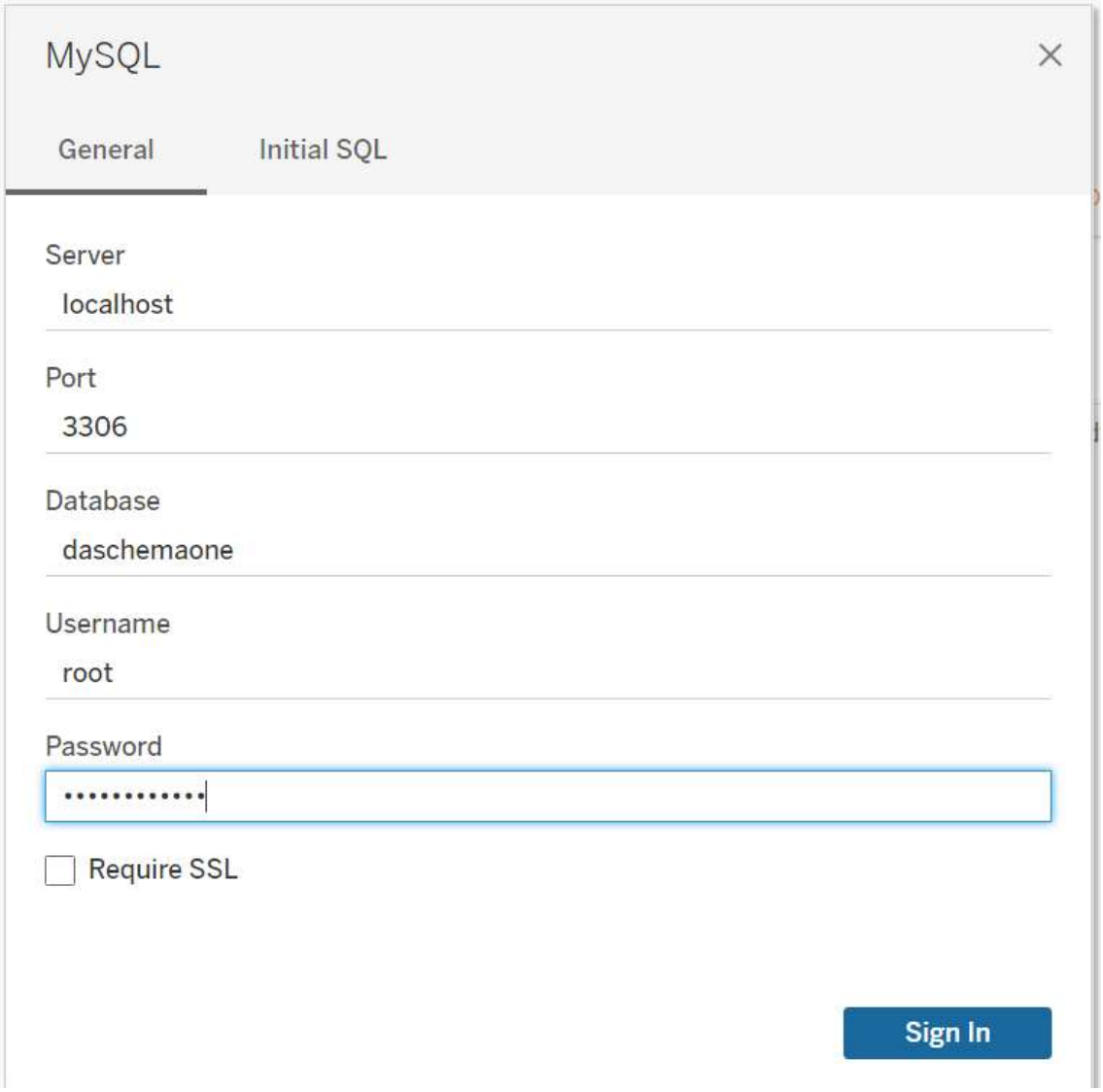
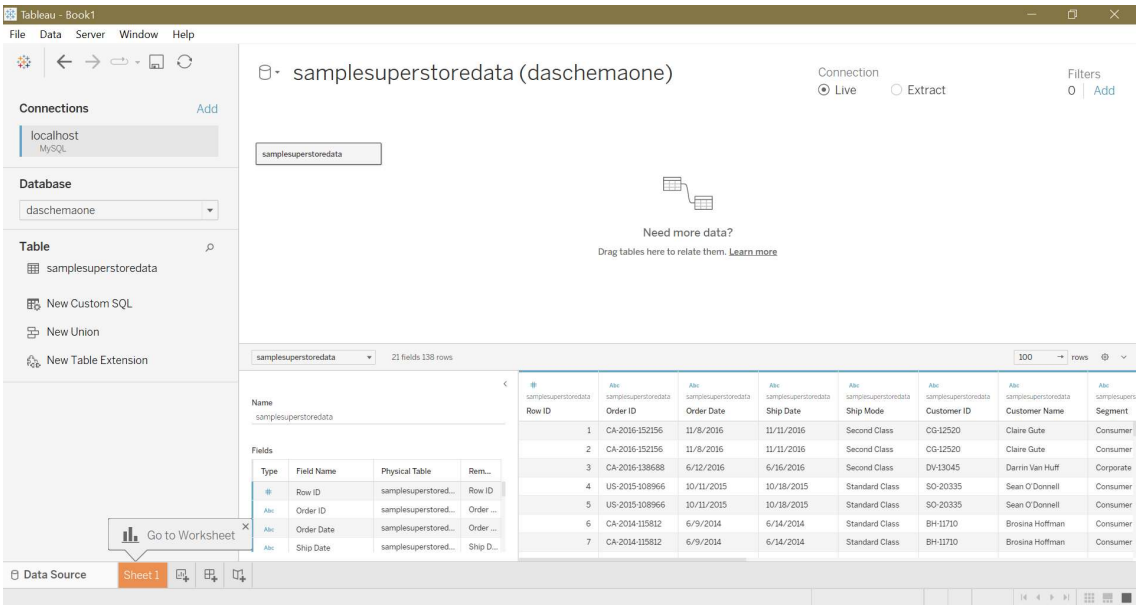


Table Data Import
Import Data
The following tasks will now be performed. Please monitor the execution.
Prepare Import
Import data file
Finished performing tasks. Click [Next >] to continue.
Show Logs
< Back
Next >
Cancel
Schema:
Duration / Fetch
0.000 sec
8 17:05:19 DEALLOCATE PREPARE stmt OK
Type here to search
38°C
ENG
17:05
22-05-2023


Administration
Schemas
Apply
Revert
Context Help
Snippets
Information
Output
Action Output
Schema: daschemaone
Time Action Message Duration / Fetch
3 17:01:11 SHOW DATABASES OK 0.000 sec
4 17:02:05 SHOW SESSION VARIABLES LIKE 'lower_case_table_names' OK 0.000 sec
5 17:02:05 SHOW TABLES FROM `daschemaone` like 'samplesuperstoredata' OK 0.000 sec
6 17:05:18 CREATE TABLE `daschemaone`.`samplesuperstoredata` (`Row ID` int, `Order ID` tex... OK 0.000 sec
7 17:05:18 PREPARE stmt FROM 'INSERT INTO `daschemaone`.`samplesuperstoredata` (`Row... OK 0.000 sec
8 17:05:19 DEALLOCATE PREPARE stmt OK 0.000 sec
Object Info
Session

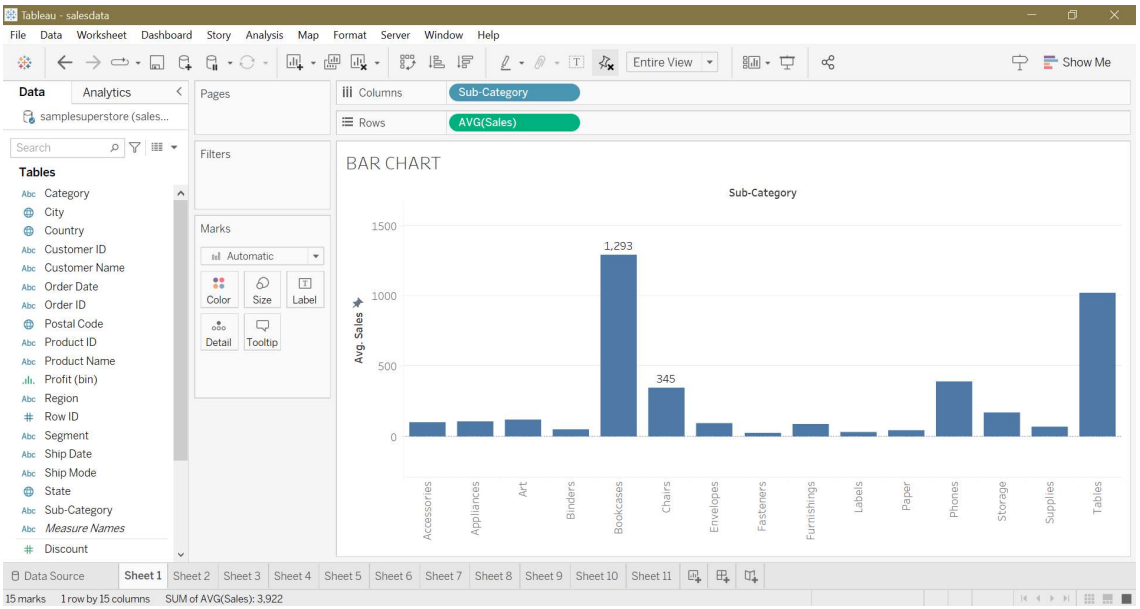
3) Connect your Mysql and Tableau



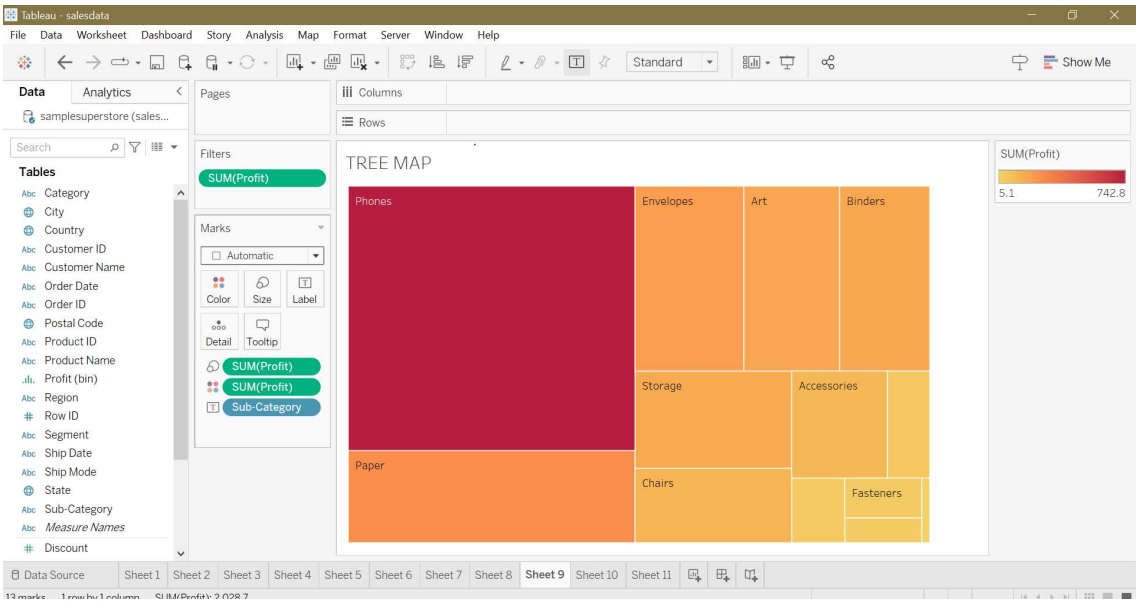


4) Create the below 5 charts/plots

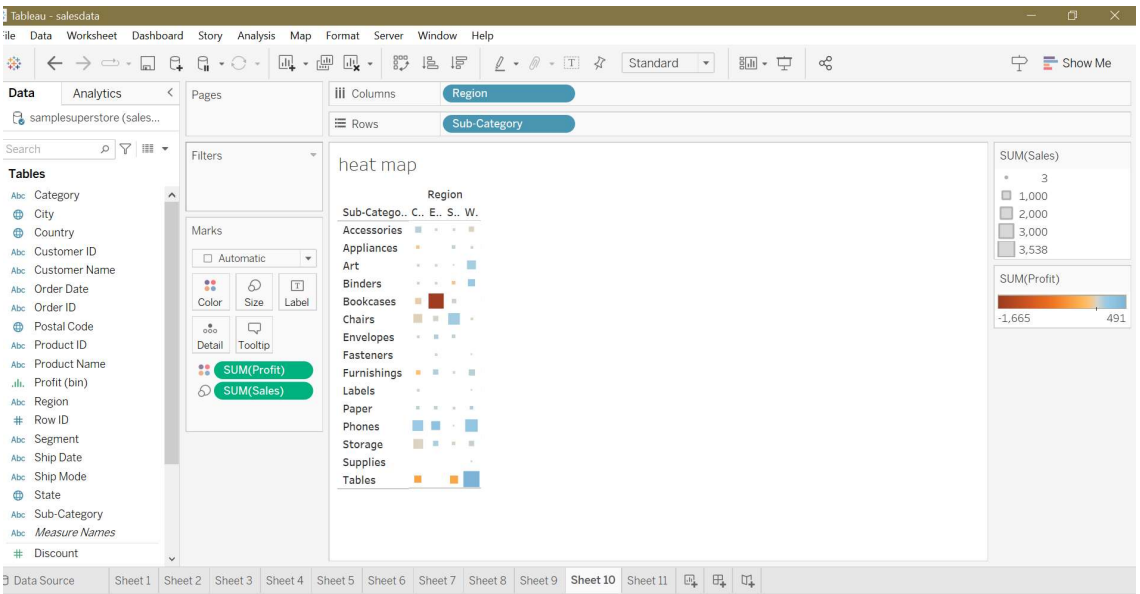
1. Bar chart



2. Tree map



3. Heat map



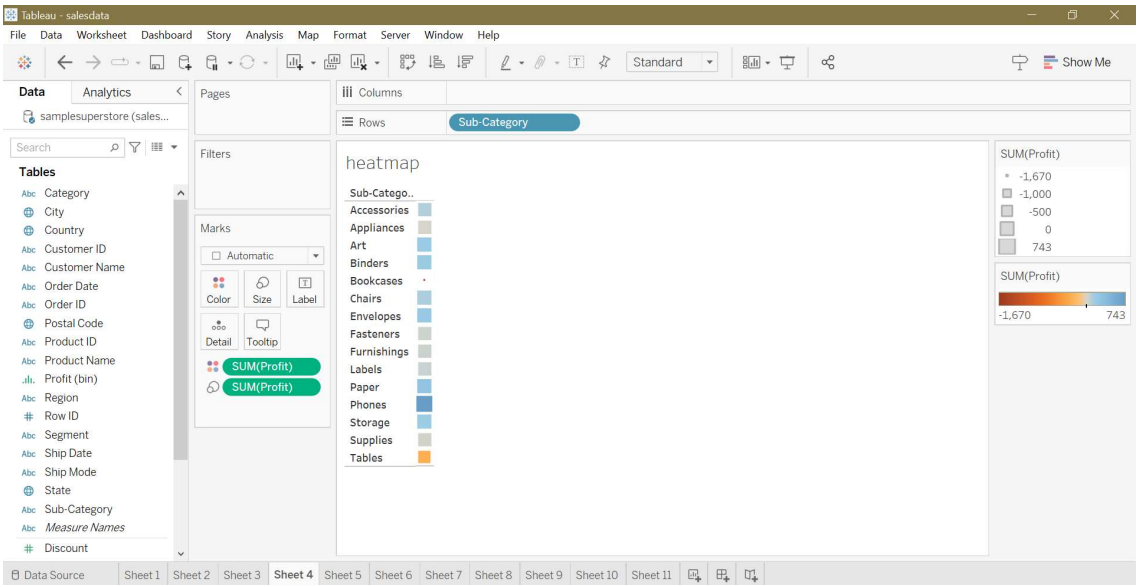


Tableau - salesdata
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
samplesuperstore (sales...
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Profit (bin)
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Profit)
SUM(Profit)
Columns
Rows
Sub-Category
heatmap
Sub-Catego..
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables
SUM(Profit)
-1,670
-1,000
-500
0
743
SUM(Profit)
-1,670
743
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Sheet 10
Sheet 11

4. Pie chart

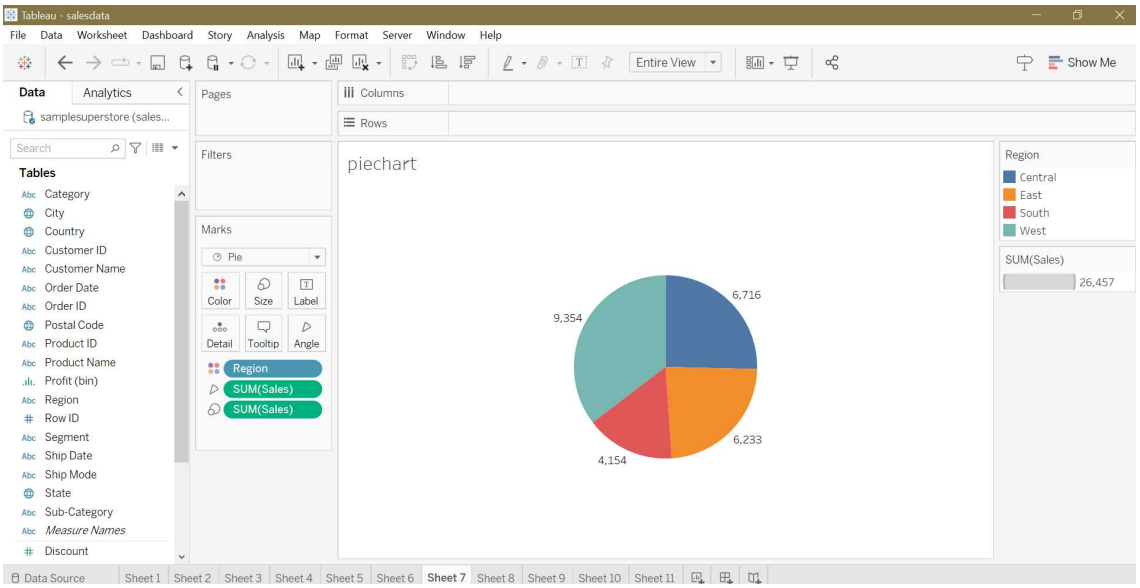


Tableau - salesdata
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
samplesuperstore (sales...
Search
Tables
Category
City
Country
Customer ID
Customer Name
Order Date
Order ID
Postal Code
Product ID
Product Name
Profit (bin)
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names
Discount
Pages
Filters
Marks
Pie
Color
Size
Label
Detail
Tooltip
Angle
Region
SUM(Sales)
SUM(Sales)
Columns
Rows
piechart
6,716
9,354
6,233
4,154
Region
Central
East
South
West
SUM(Sales)
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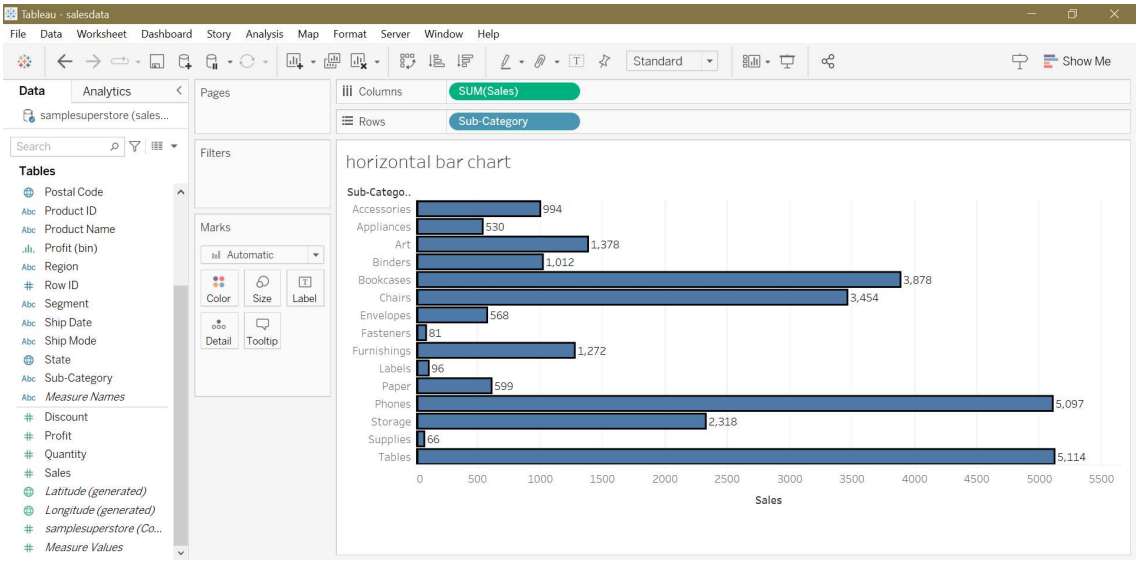
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Sheet 10
Sheet 11

5. Horizontal bar chart