

Smart Bridge – Data Analytics

Name: Chanthrika R L

Registration Number: 20BCE0051

Campus: VIT Vellore

Assignment 1

Tableau Public link: <https://public.tableau.com/app/profile/chanthrika.r.l/viz/ChanthrikaRLassignment1superstore/BarChart>

Other Links:

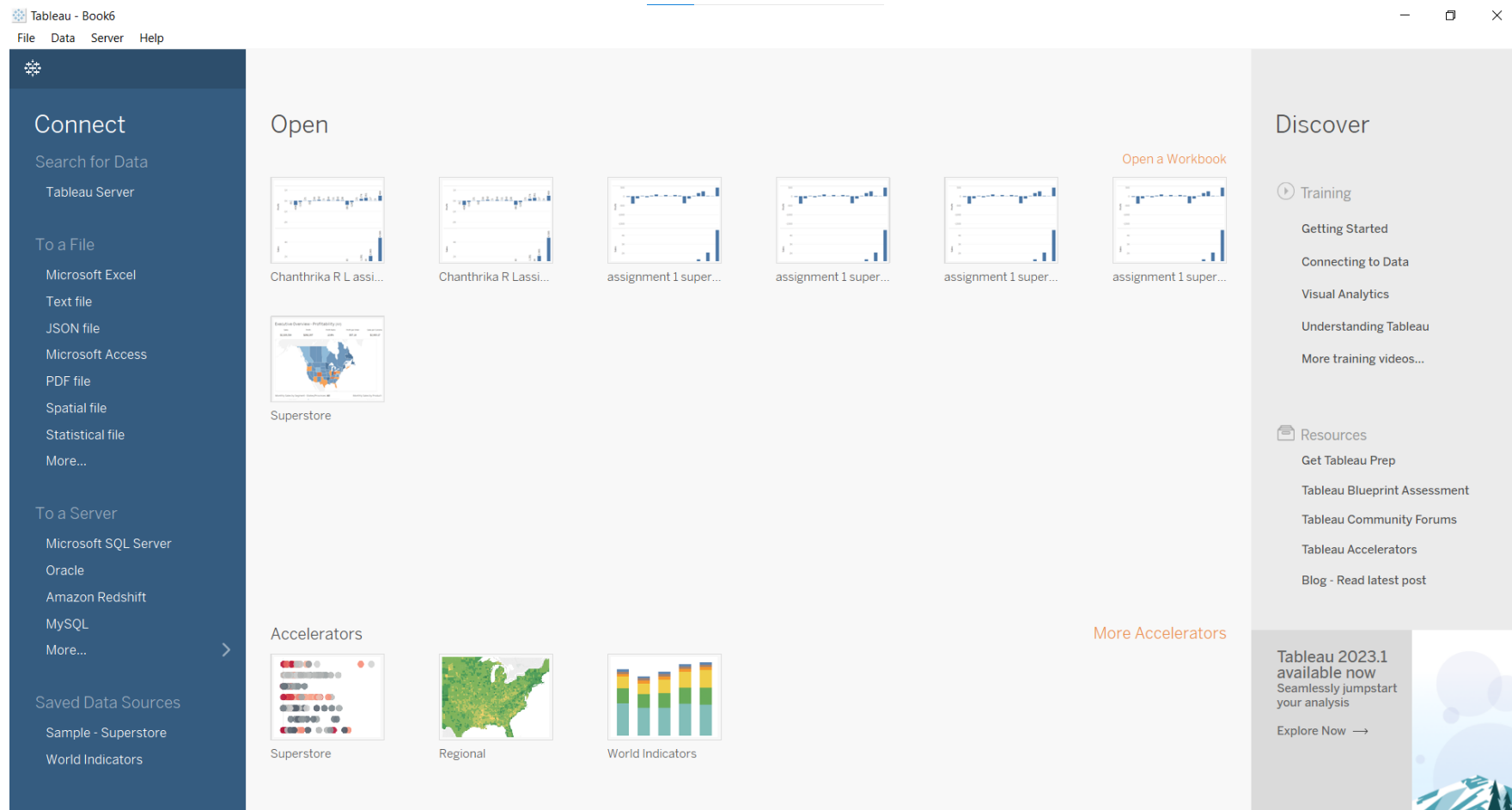
Google Drive link: https://drive.google.com/drive/folders/1JMTq8S9X2SpU_ZXixTxoPMts2HxLSPoj?usp=share_link

Folder link: https://drive.google.com/drive/folders/1qkR7OHNdelkJd3u8v5Dmbpte6BGm4gmB?usp=share_link

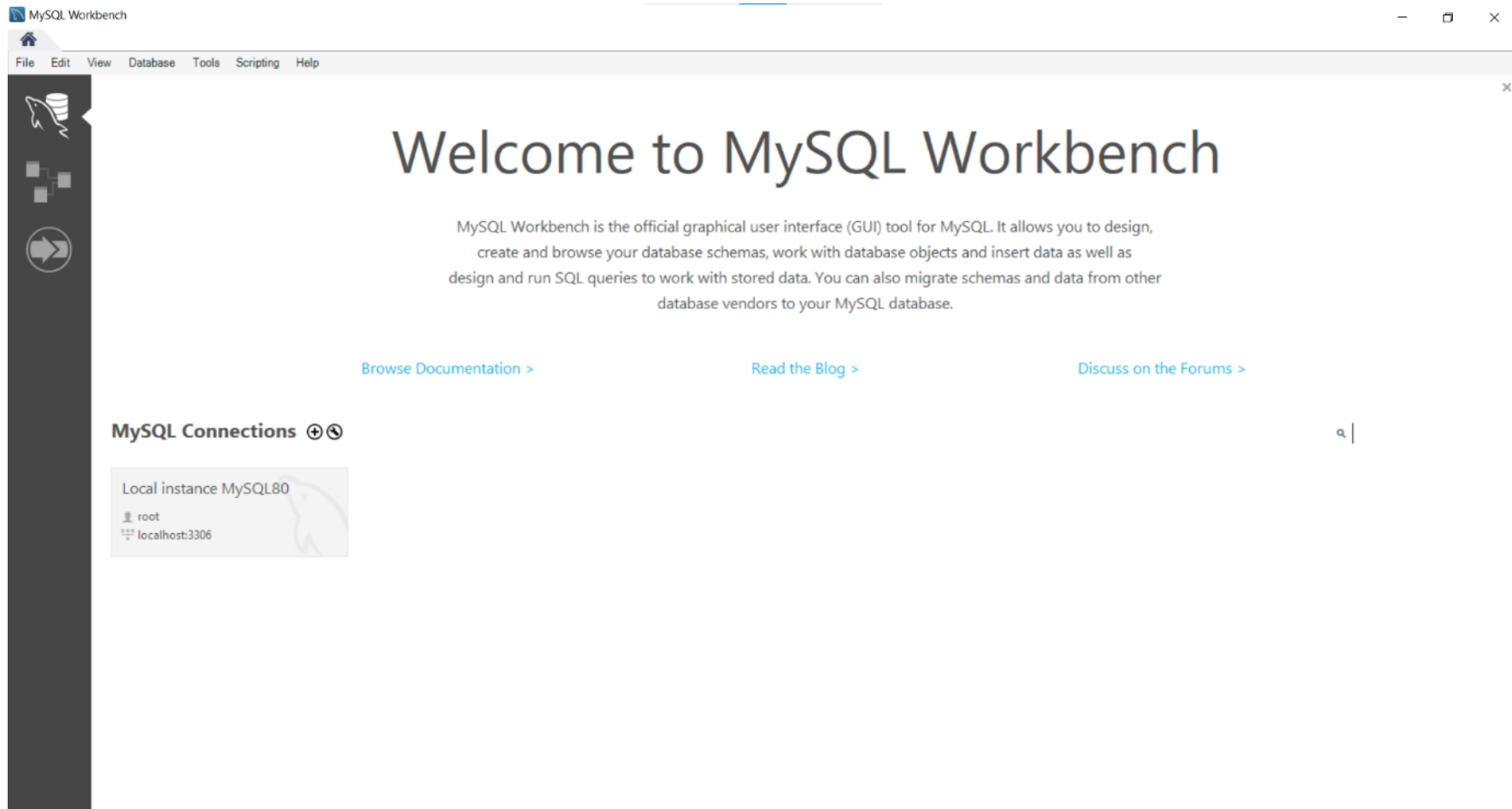
GitHub link: <https://github.com/Chanthrika-RL/Smart-Bridge-Data-Analytics>

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

Tableau:



MySQL WorkBench:



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

Table Data Import

Select Destination

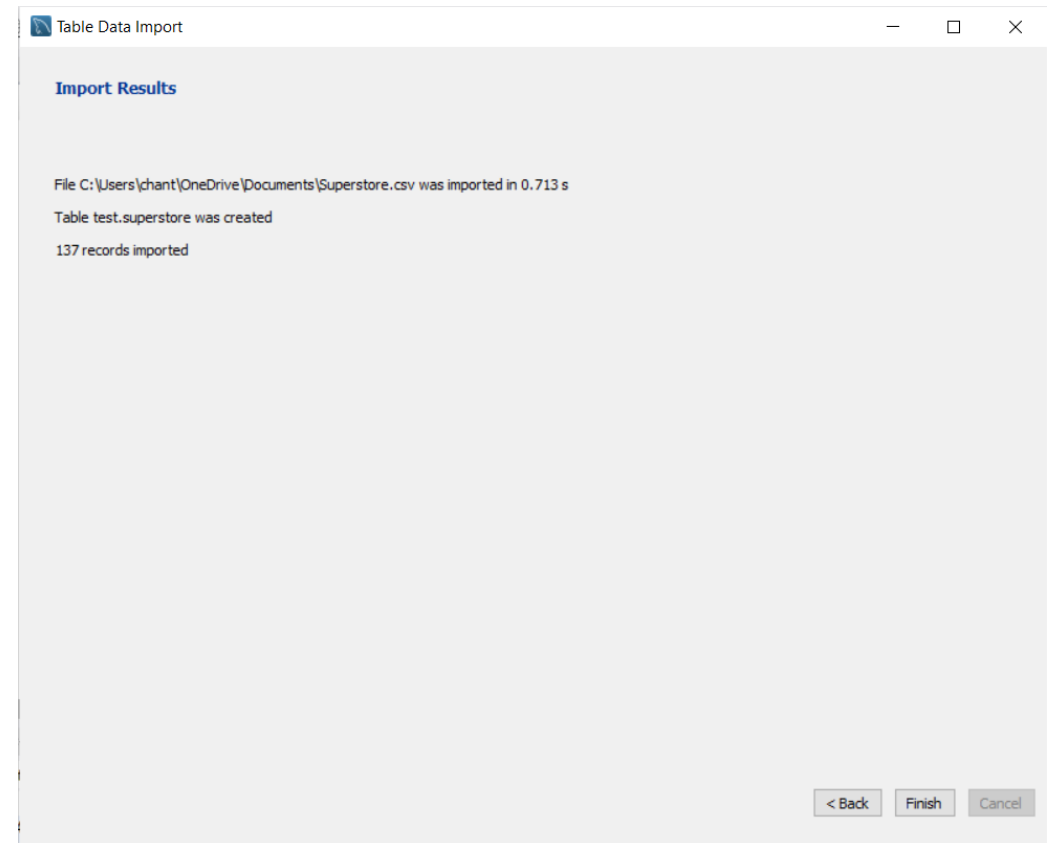
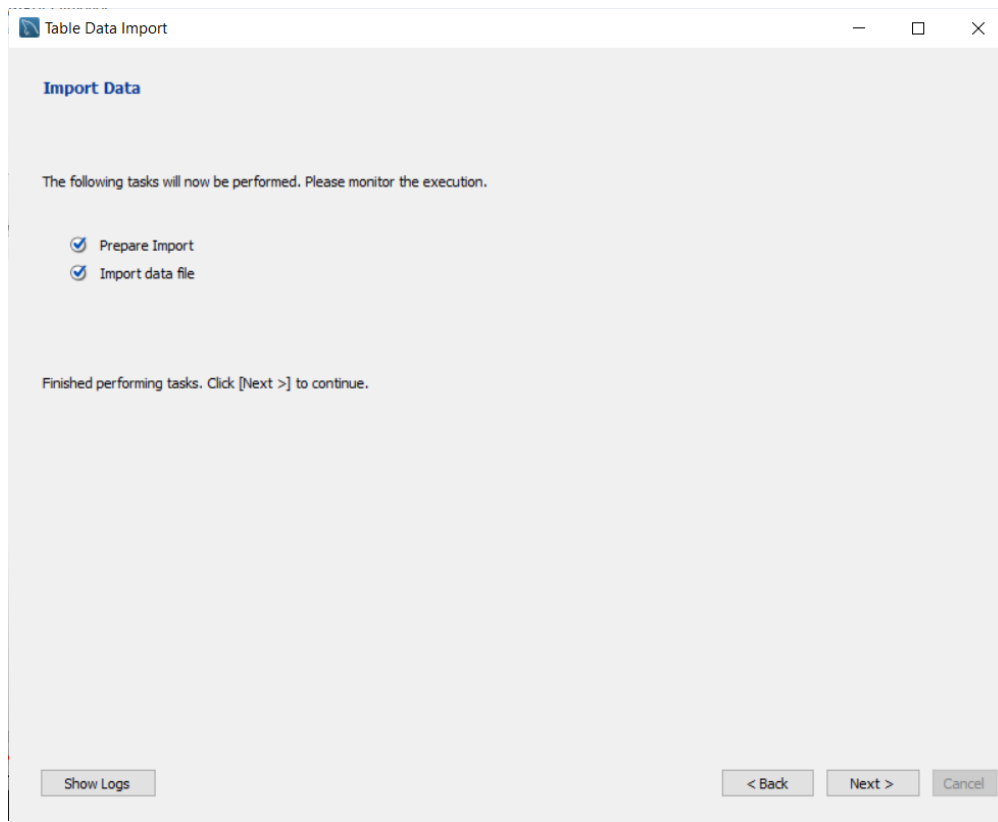
Select destination table and additional options.

☐ Use existing table:

☒ Create new table: .

☐ Drop table if exists

< Back Next > Cancel



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- test
 - Tables
 - superstore
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers
 - Views
 - Stored Procedures
 - Functions
 - world

Administration Schemas

Information

Table: superstore

Columns:

Row ID	int
Order ID	text
Order Date	text
Ship Date	text
Ship Mode	text
Customer ID	text
Customer Name	text
Segment	text
Country	text
City	text
State	text
Postal Code	int
Region	text
Product ID	text
Category	text

Object Info Session

Query 1 x

Limit to 1000 rows

SQLAdditions

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
5	11:31:11	CREATE TABLE `test`.`superstore` (`Row ID` int, `Order ID` text, `Order Date` text, `Ship Date` bigint, `Sh...	OK	0.000 sec
6	11:31:11	PREPARE stmt FROM `INSERT INTO `test`.`superstore` (`Row ID`,`Order ID`,`Order Date`,`Ship Date`,`S...	OK	0.000 sec
7	11:31:12	DEALLOCATE PREPARE stmt	OK	0.000 sec
8	11:43:14	DROP TABLE `test`.`superstore`	0 row(s) affected	0.000 sec
9	11:43:43	SHOW SESSION VARIABLES LIKE `lower_case_table_names`	OK	0.000 sec
10	11:43:43	SHOW DATABASES	OK	0.000 sec
11	11:43:46	SHOW SESSION VARIABLES LIKE `lower_case_table_names`	OK	0.000 sec
12	11:43:46	SHOW TABLES FROM `test` like `superstore`	OK	0.000 sec
13	11:44:08	CREATE TABLE `test`.`superstore` (`Row ID` int, `Order ID` text, `Order Date` text, `Ship Date` text, `Ship...	OK	0.000 sec
14	11:44:08	PREPARE stmt FROM `INSERT INTO `test`.`superstore` (`Row ID`,`Order ID`,`Order Date`,`Ship Date`,`S...	OK	0.000 sec
15	11:44:08	DEALLOCATE PREPARE stmt	OK	0.000 sec

Type here to search

35°C

11:45 AM 21-05-2023

3) Connect your Mysql and Tableau

Tableau - Book5
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

Chanthrika R Lassi...

Chanthrika R Lassi...

Superstore

Accelerators

Superstore

Regional

World Indicators

MySQL

General Initial SQL

Server
localhost

Port
3306

Database
test

Username
root

Password
Optional

☐ 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
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Tableau - Book1

FileDataServerWindowHelp

Connections

localhostMySQL

Database

test

Table

superstore

New Custom SQL

New Union

New Table Extension

superstore (test)

superstore

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

Connection

LiveExtract

Filters

0Add

superstore

21 fields 137 rows

50rows

Name

superstore

Fields

Type	Field Name	Physical Table	Remote Fie...
#	Row ID	superstore	Row ID
Abc	Order ID	superstore	Order ID
Abc	Order Date	superstore	Order Date
Abc	Ship Date	superstore	Ship Date
Abc	Ship Mode	superstore	Ship Mode

#	Abc	Abc	Abc	Abc	Abc	Abc
superstore	superstore	superstore	superstore	superstore	superstore	superstore
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name
1	CA-2016-152156	11-08-2016	11-11-2016	Second Class	CG-12520	Claire Gute
2	CA-2016-152156	11-08-2016	11-11-2016	Second Class	CG-12520	Claire Gute
3	CA-2016-138688	06-12-2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff
4	US-2015-108966	10-11-2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell
5	US-2015-108966	10-11-2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell
6	CA-2014-115812	06-09-2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman
7	CA-2014-115812	06-09-2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman
8	CA-2014-115812	06-09-2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman
9	CA-2014-115812	06-09-2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman

Data Source

Sheet 1

Go to Worksheet

Type here to search

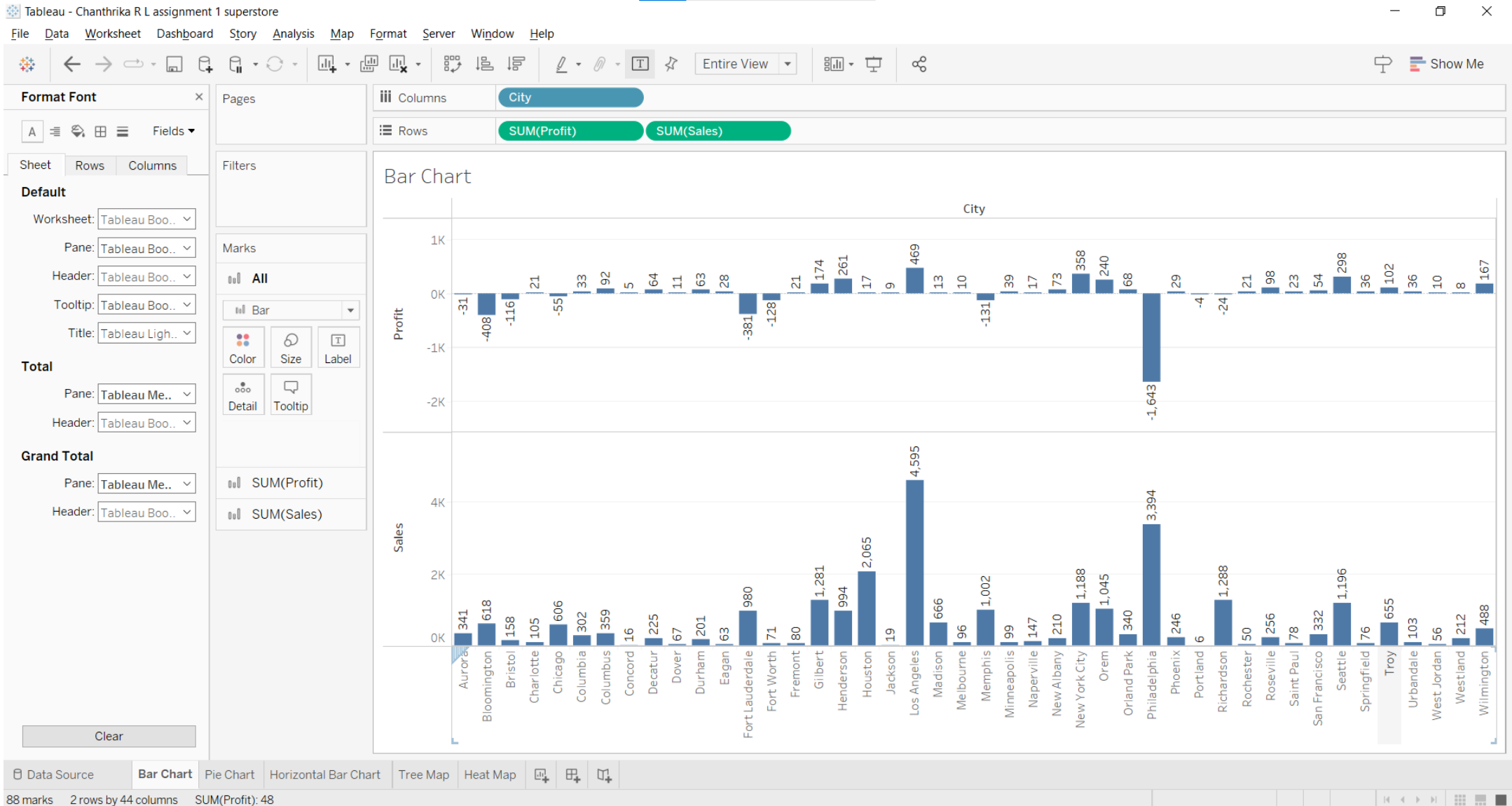
35°C

11:47 AM

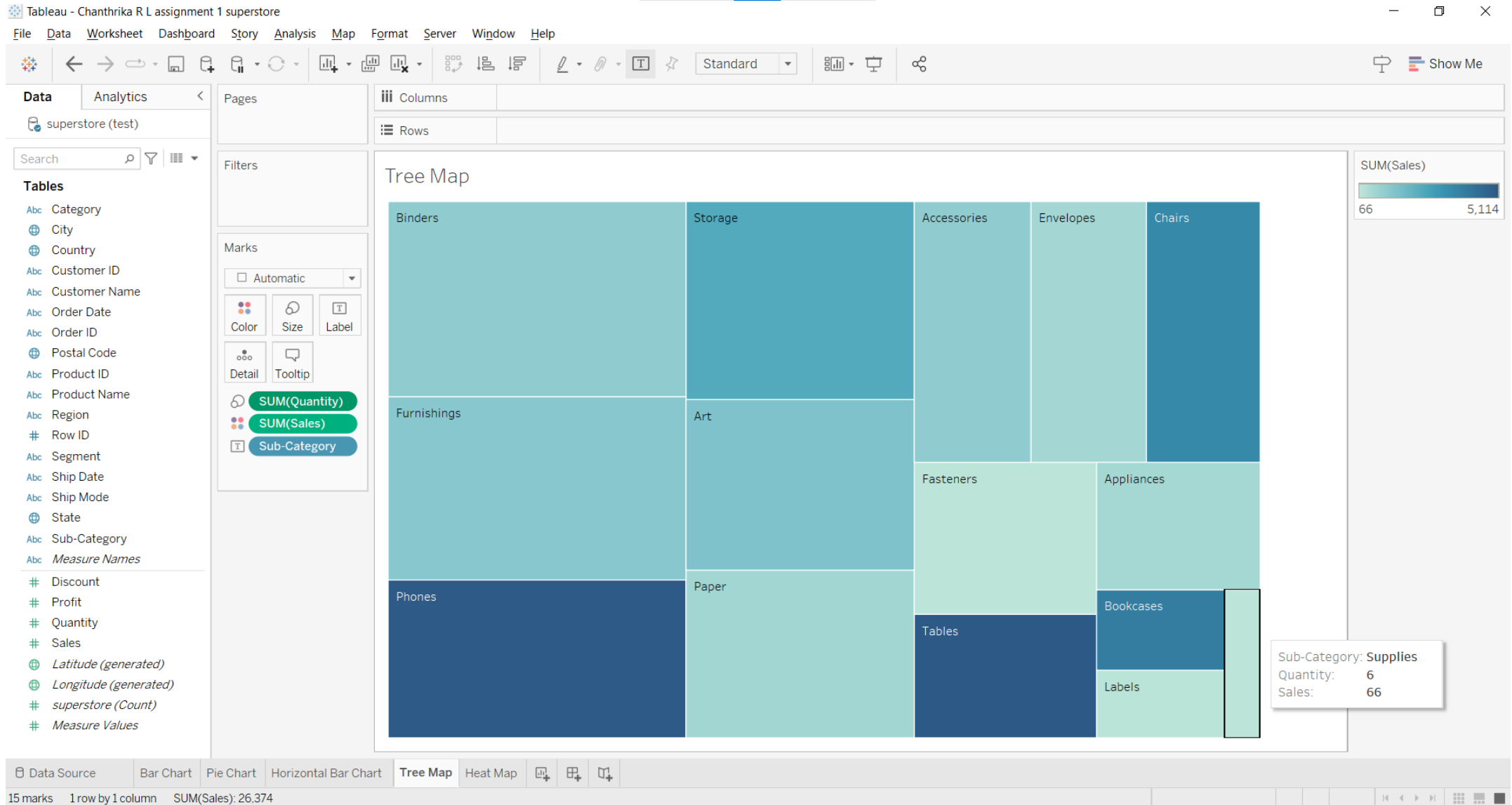
21-05-2023

4) Create the below 5 charts/plots

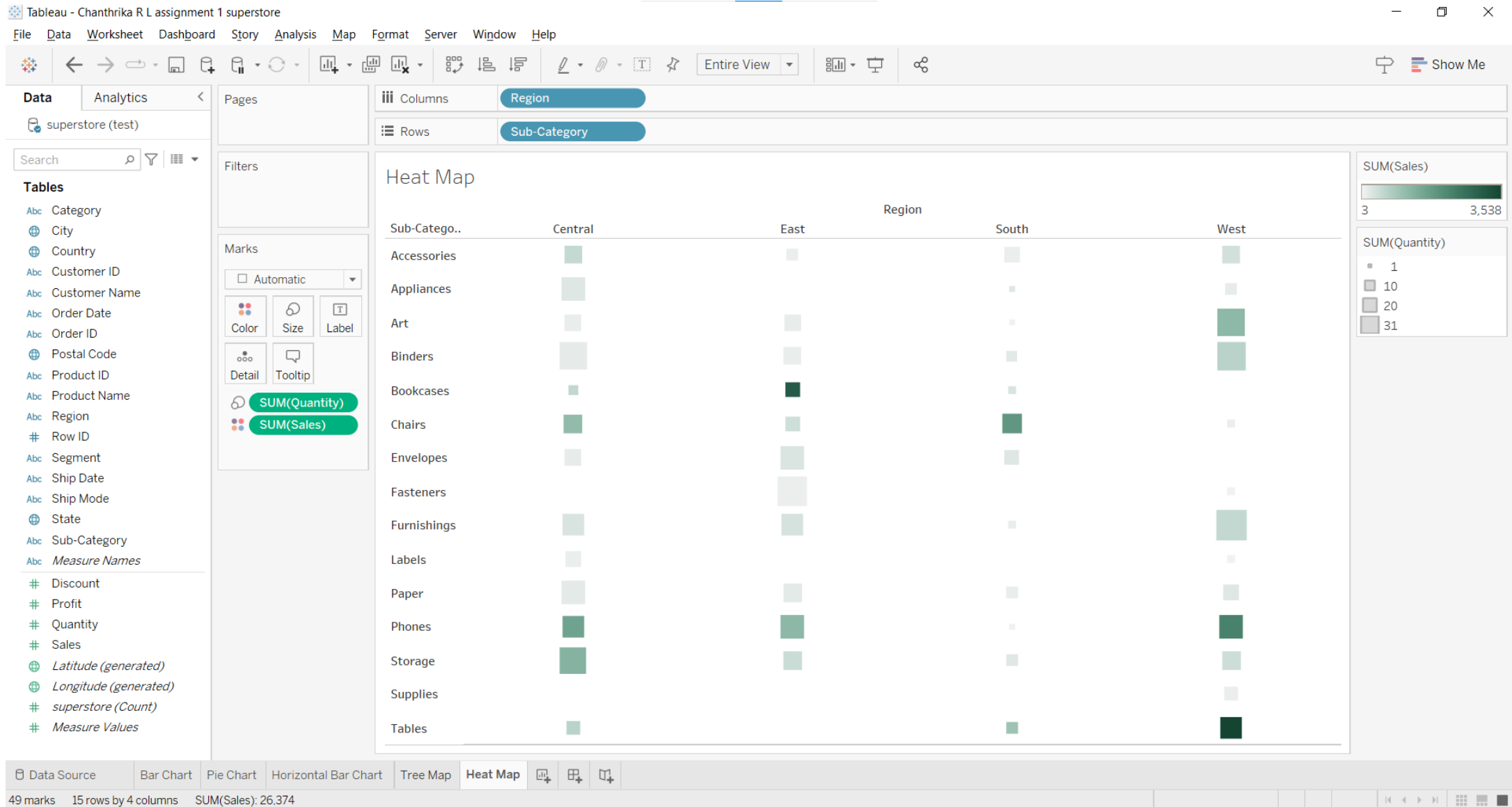
Bar Chart:



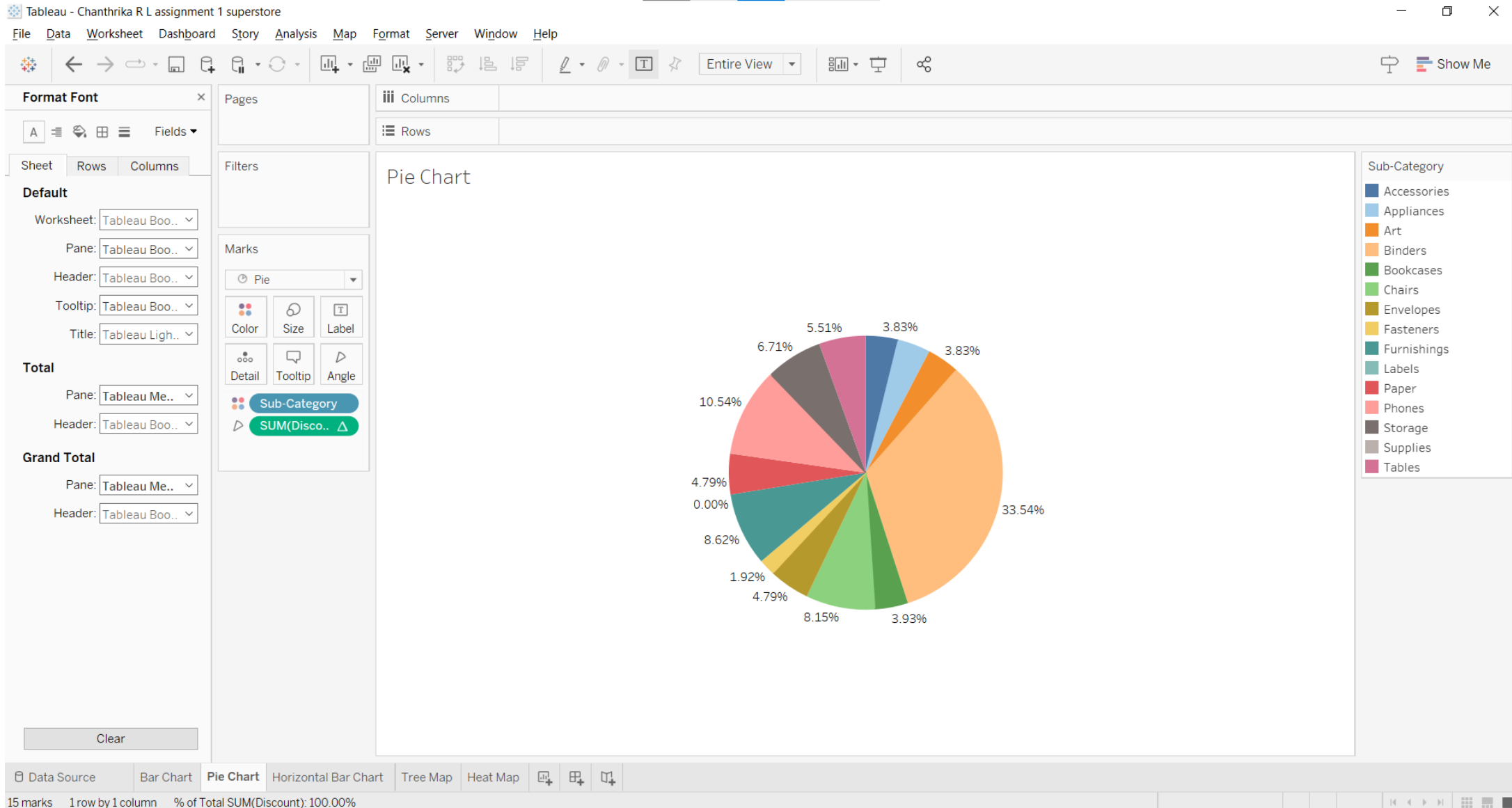
Tree Map:



Heat Map:



Pie Chart:



Horizontal Bar Chart:

