

# Assignment -1

- 1) Download tableau desktop & Mysql in your PC or laptop
- 2) Create a new schema in your Mysql workbench and upload your data
- 3) Connect your Mysql and Tableau
- 4) Create the below 5 charts/plots
  - Bar chart
  - Tree map
  - Heatmap
  - Pie chart
  - Horizontal bar chart

**You can use superstore dataset**

**Name:** Aditya Sai Yogeeswar P

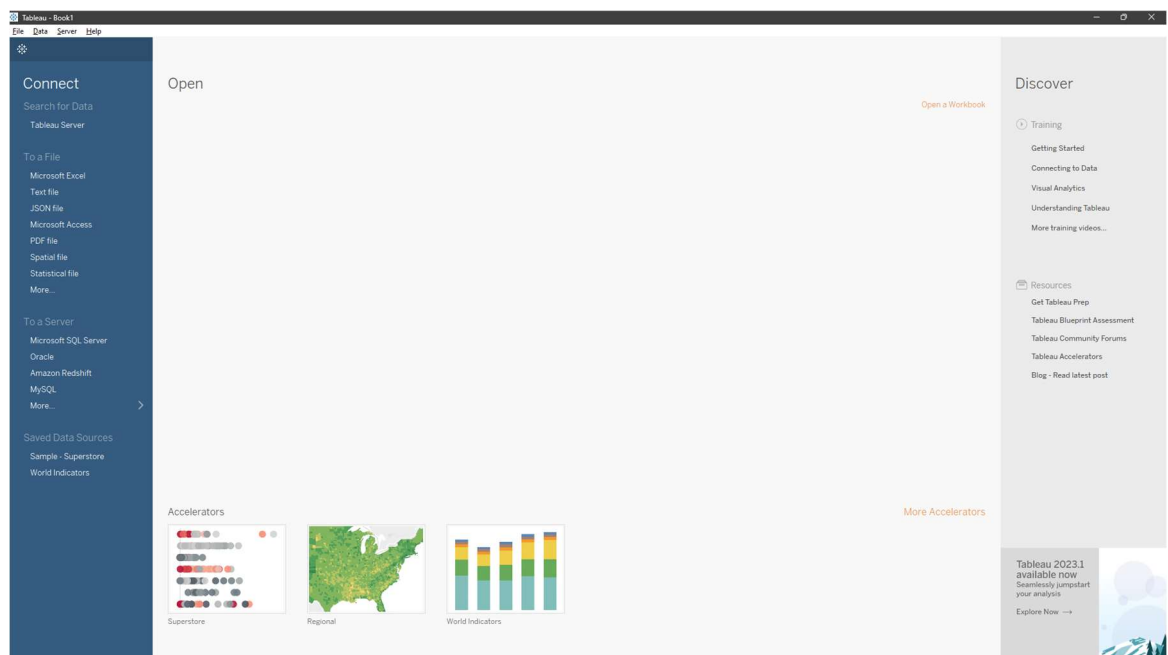
**Reg.No.:** 20BLC1129

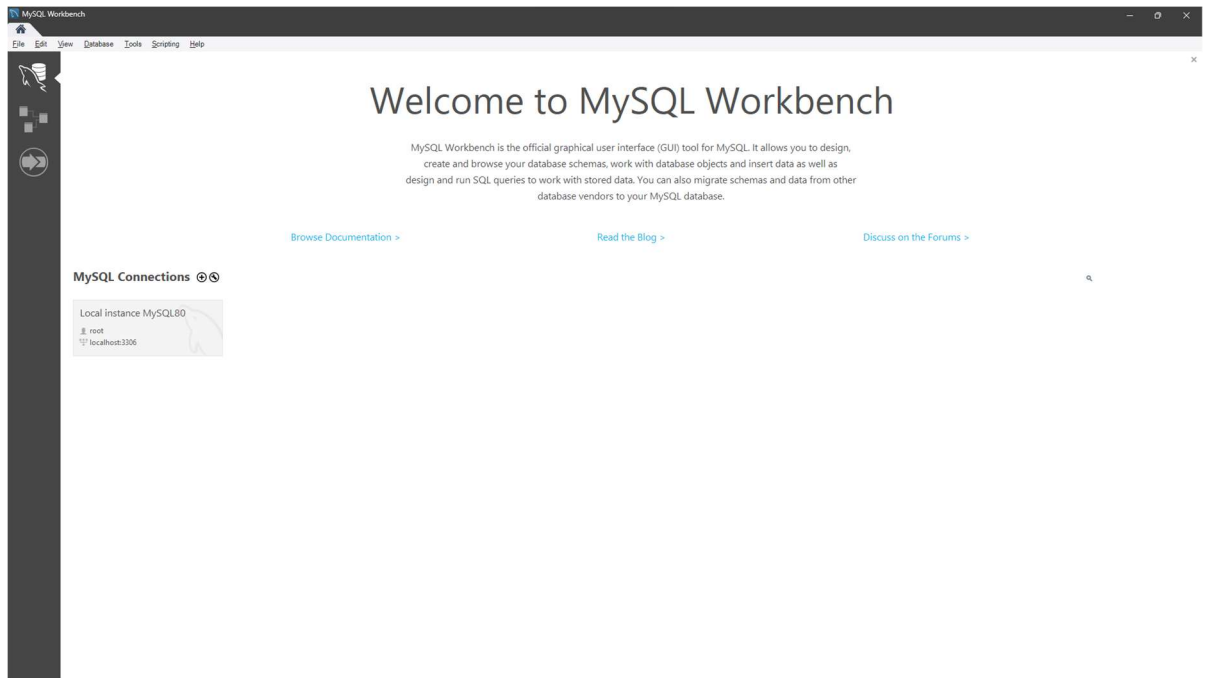
**Handled By:** Smartinternz-Data Analyst

**Dataset Used:** Superstore Dataset

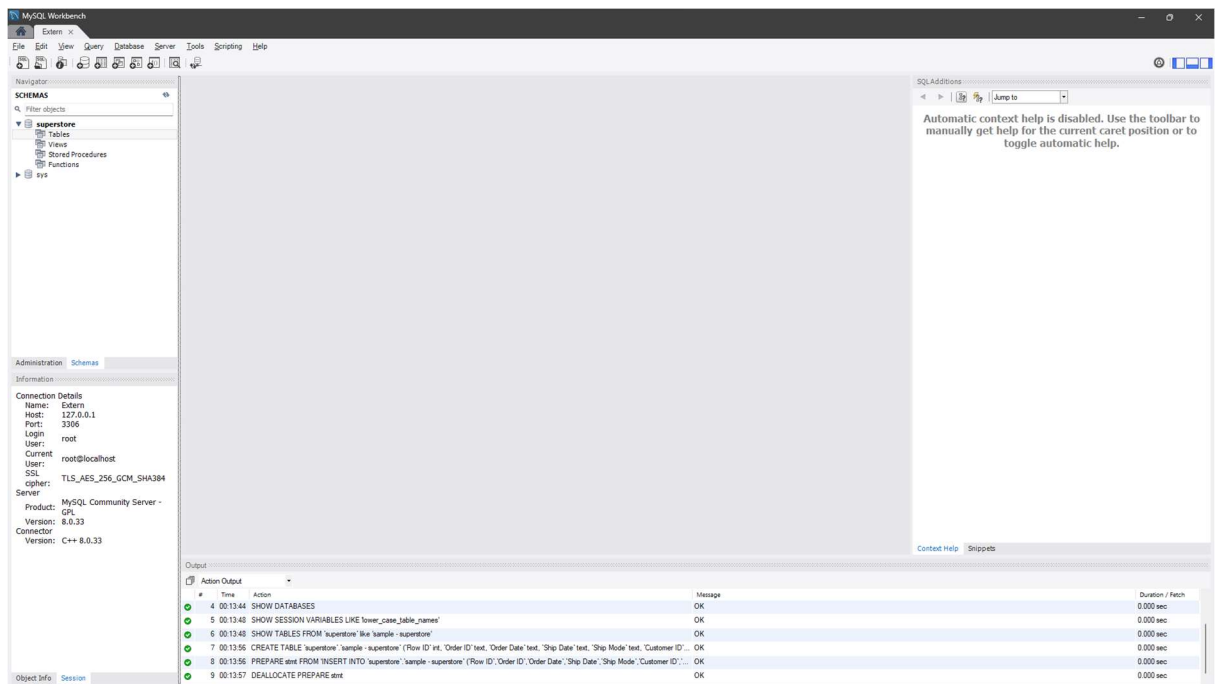
<https://www.kaggle.com/datasets/vivek468/superstore-dataset-final>

1.





2.



MySQL Workbench

Administration - Server Status

Connection Name: Extern

Host: YOGESWAR-PC  
Socket: MySQL  
Port: 3306  
Version: 8.0.33 (MySQL Community Server - GPL)  
Compiled For: Win64 (x86\_64)  
Configuration File: unknown  
Running Since: Sat May 20 00:11:40 2023 (0:06)

Available Server Features

Performance Schema: ☒ On  
Thread Pools: ☐ n/a  
Memcached Plugin: ☐ n/a  
Semantic Replication Plugin: ☐ n/a  
SSL Availability: ☒ On

Windows Authentication: ☐ Off  
Password Validation: ☐ n/a  
Audit Log: ☐ n/a  
Firewall: ☐ n/a  
Firewall Trace: ☐ n/a

Server Directories

Base Directory: C:\Program Files\MySQL\MySQL Server 8.0\  
Data Directory: C:\ProgramData\MySQL\MySQL Server 8.0\data  
Disk Space in Data Dir: Could not determine  
Plugin Directory: C:\Program Files\MySQL\MySQL Server 8.0\plugin  
Temp Directory: C:\WINDOWS\SYSTEM32\1\Temp  
Error Log: C:\YOGESWAR-PC\err  
General Log: ☐ Off  
Slow Query Log: ☒ On YOGESWAR-PC-slow.log

Replica

this server is not a replica in a replication setup

Authentication

SHA256 Password Private Key: private\_key.pem  
SHA256 Password Public Key: public\_key.pem

Server Status: Running  
CPU Load: 2%  
Connections: 4  
Traffic: 7.01 KB/s  
Key Efficiency: 0.0%  
Selects per Second: 0  
InnoDB Buffer Usage: 12.7%  
InnoDB Reads per Second: 0  
InnoDB Writes per Second: 1

Output

Action	Message	Duration / Fetch
4 00:13:44 SHOW DATABASES	OK	0.000 sec
5 00:13:48 SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
6 00:13:48 SHOW TABLES FROM 'supersample' like 'sample - supersample'	OK	0.000 sec
7 00:13:50 CREATE TABLE 'supersample' 'sample - supersample' ('Row ID' int, 'Order ID' text, 'Order Date' text, 'Ship Date' text, 'Ship Mode' text, 'Customer ID' ...)	OK	0.000 sec
8 00:13:56 PREPARE stmt FROM 'INSERT INTO 'supersample' 'sample - supersample' ('Row ID', 'Order ID', 'Order Date', 'Ship Date', 'Ship Mode', 'Customer ID', ...)	OK	0.000 sec
9 00:13:57 DEALLOCATE PREPARE stmt	OK	0.000 sec

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Tableau - Book1

sample - supersample (supersample)

Connections: 127.0.0.1 MySQL

Database: supersample

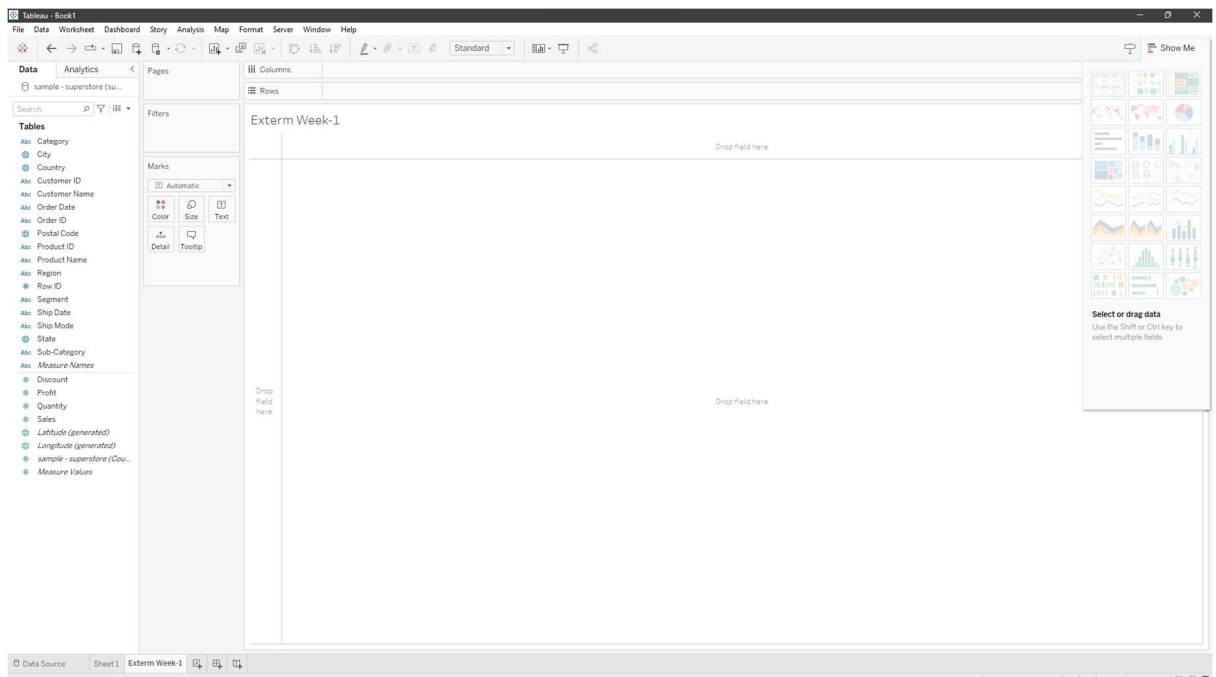
Table: sample - supersample

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

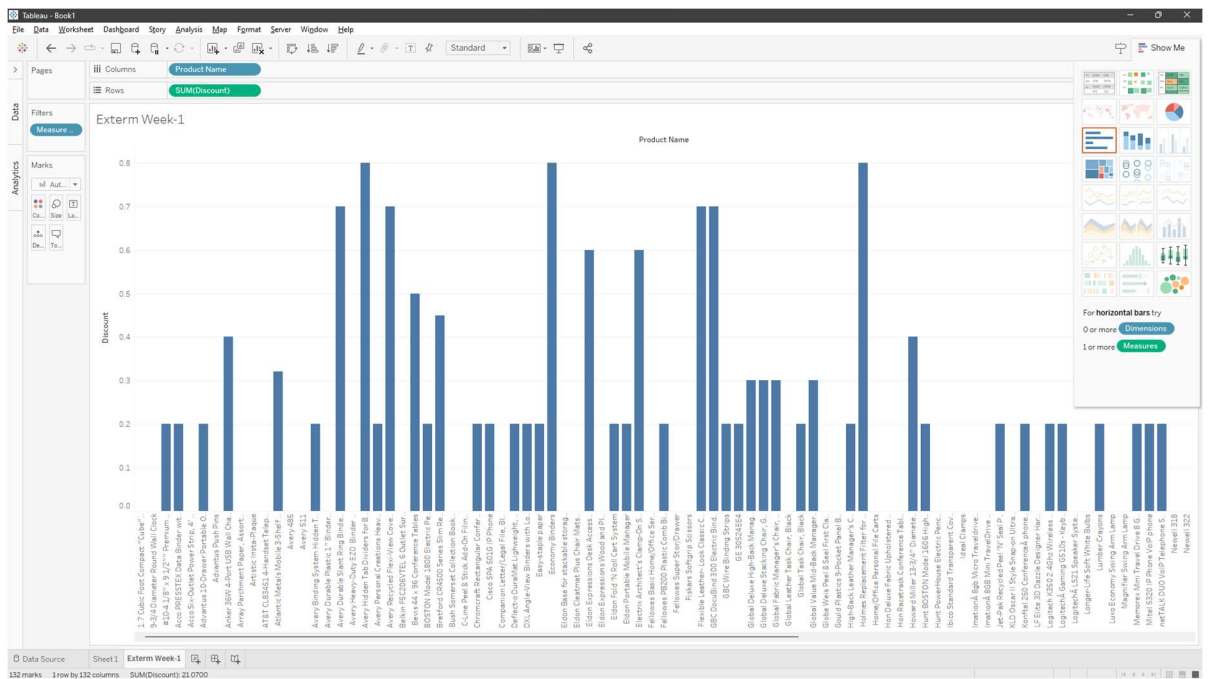
sample - supersample 21 fields 138 rows

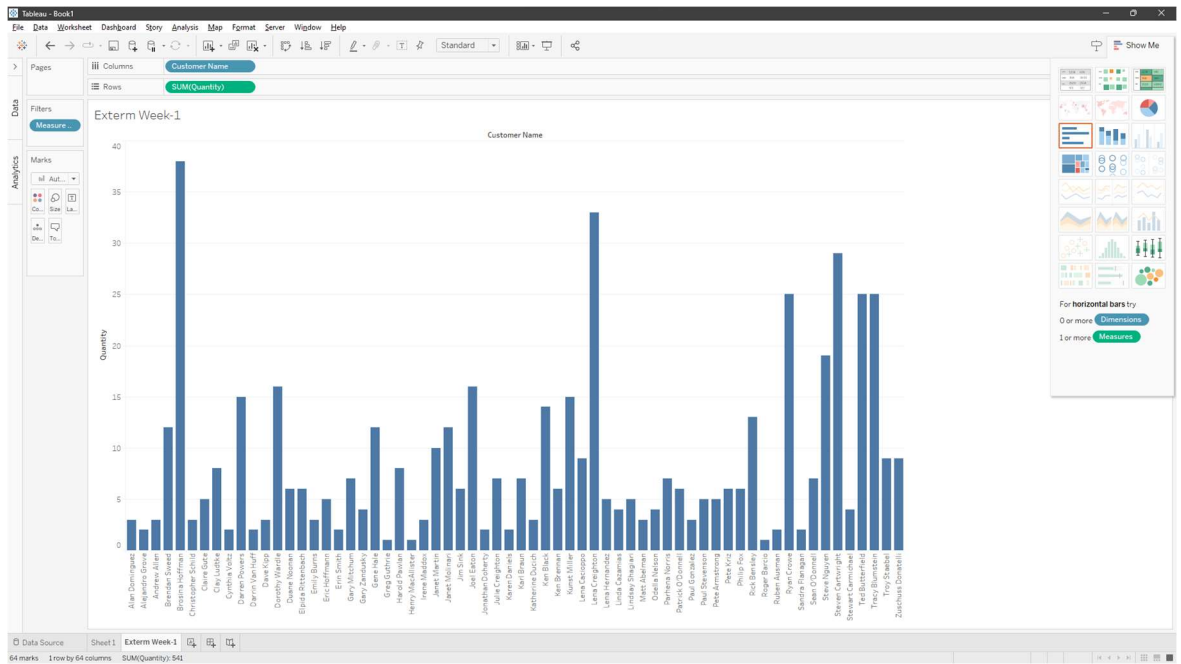
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson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

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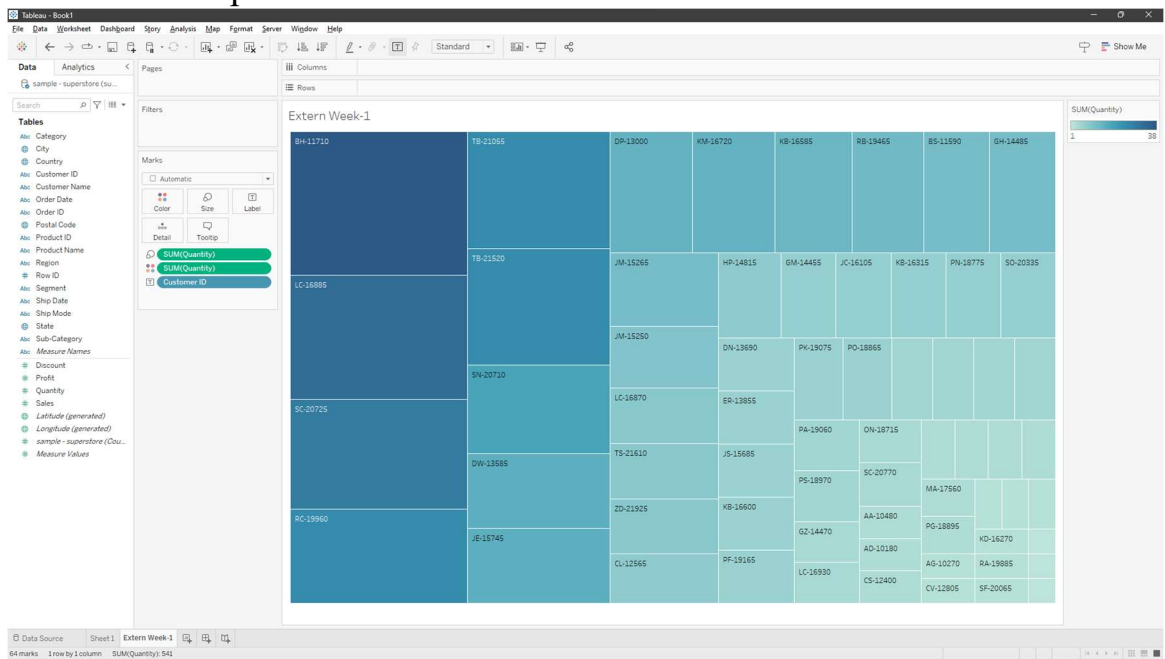


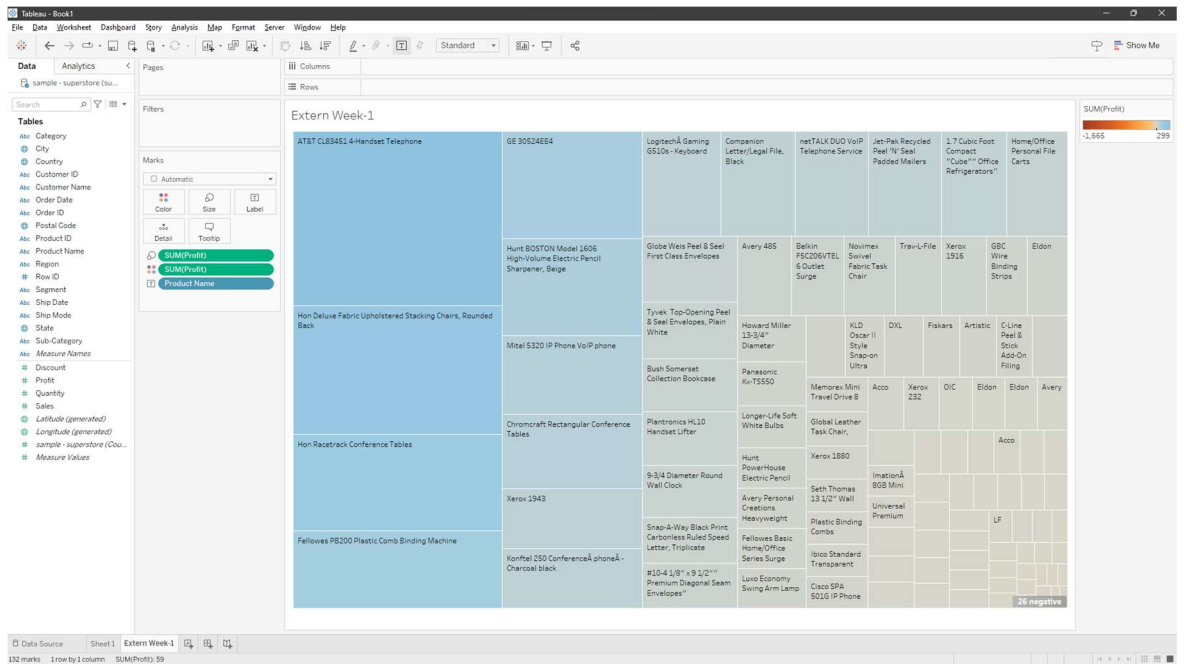
## • Bar Chart:



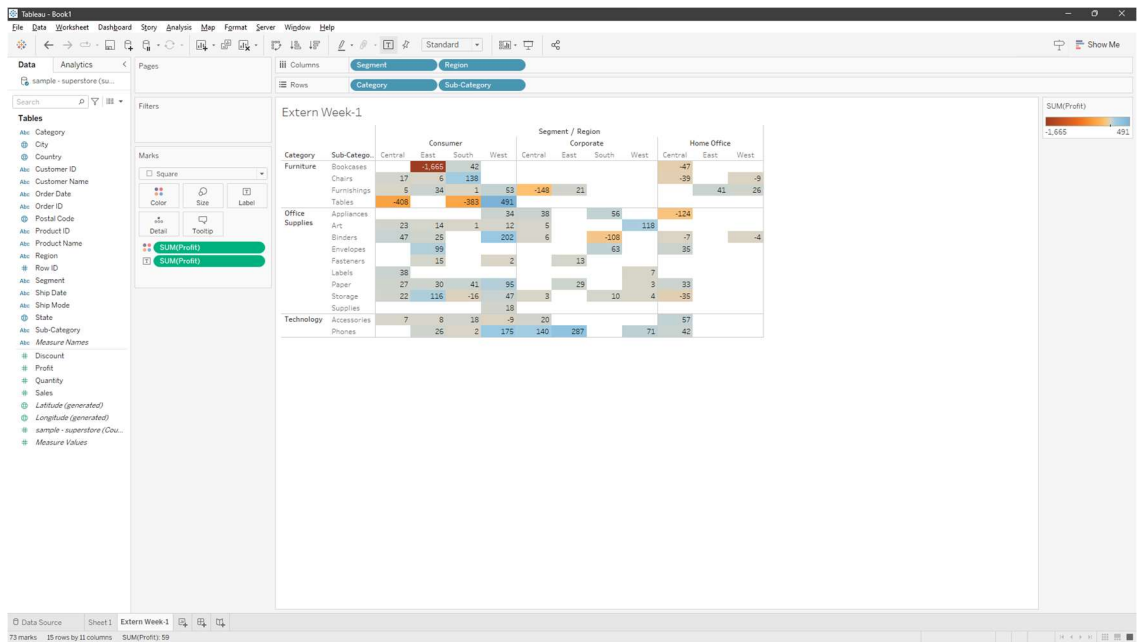


## • Tree Map:

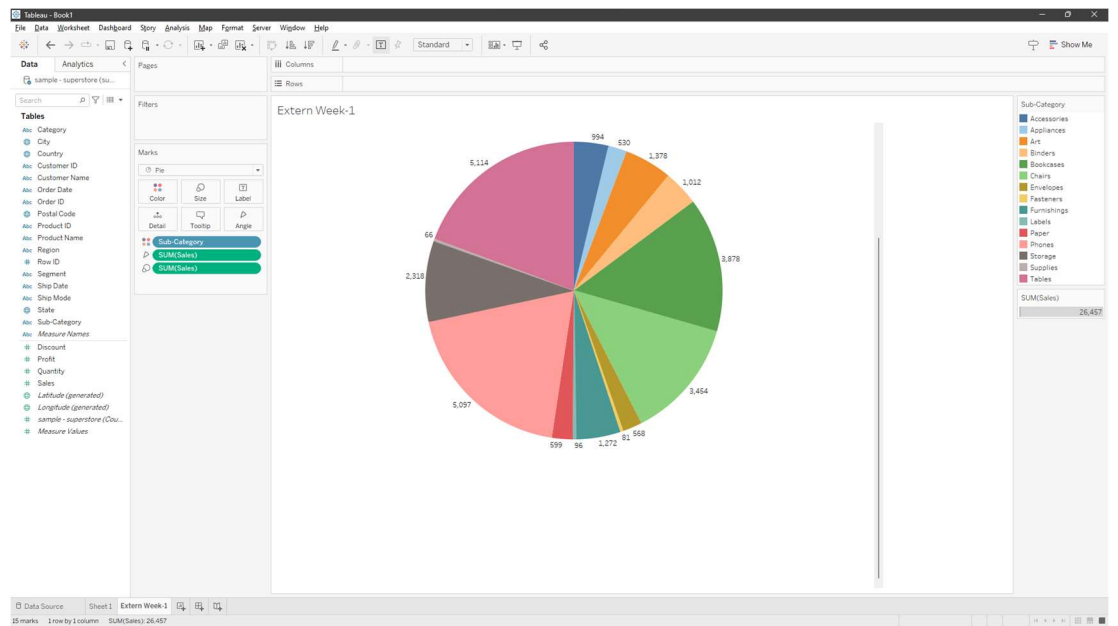




## • Heatmap/Highlight Tables:



- Pie chart:



- Horizontal Bar Chart:

