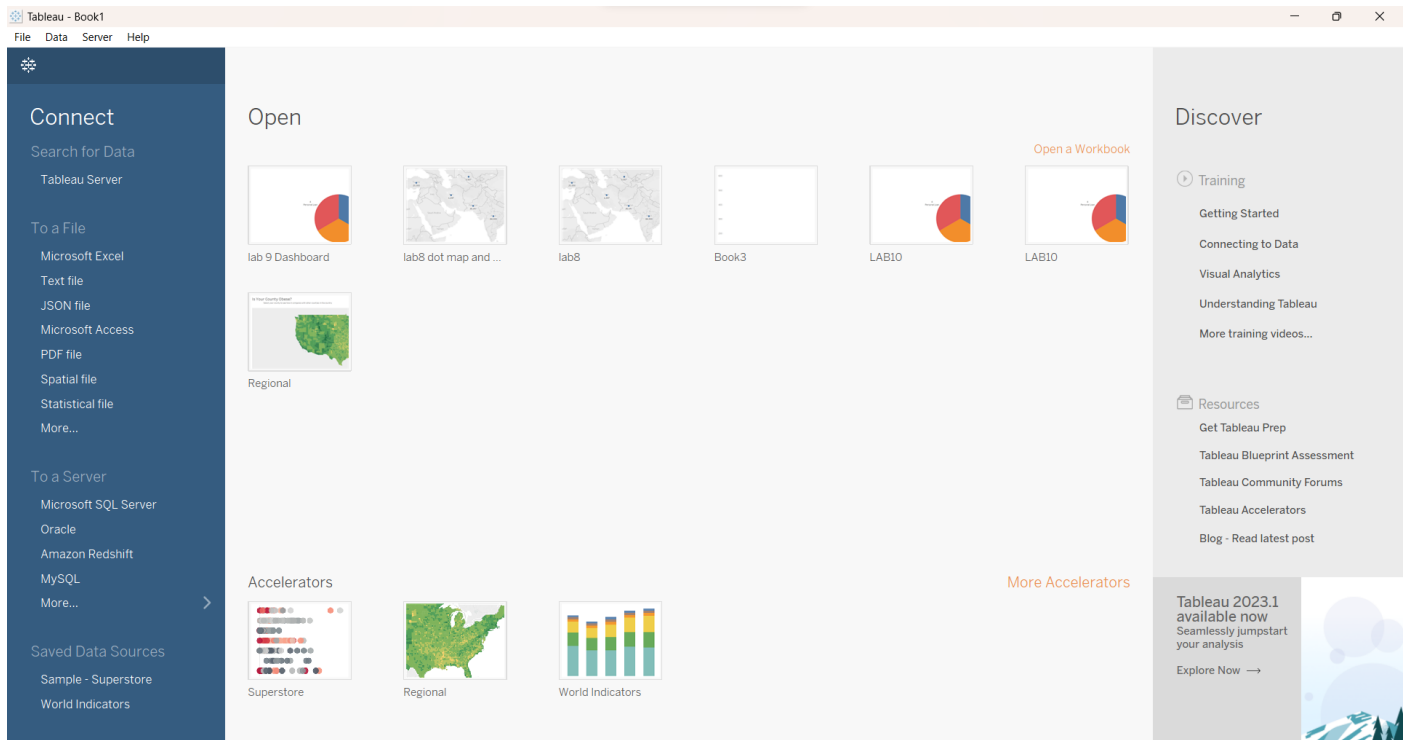
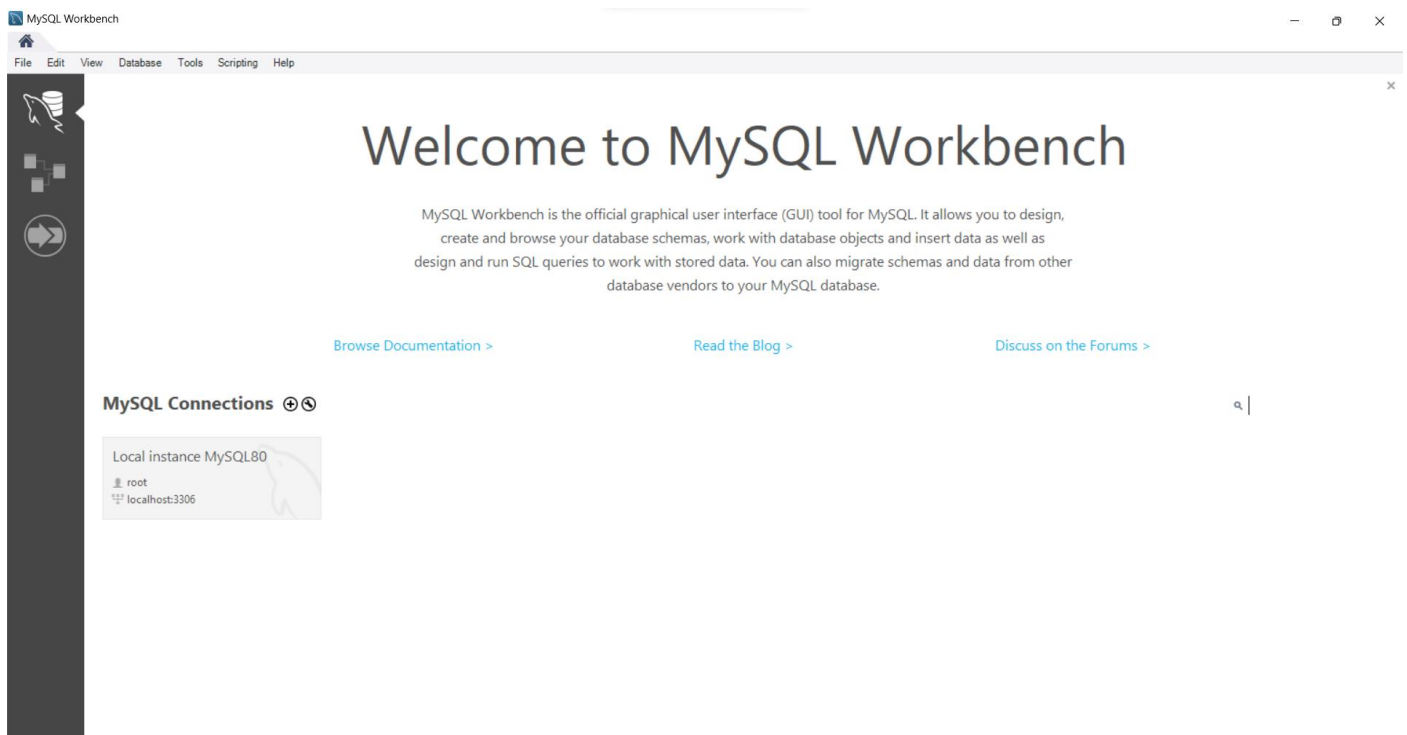


EXTERNSHIP ASSIGNMENT-1:

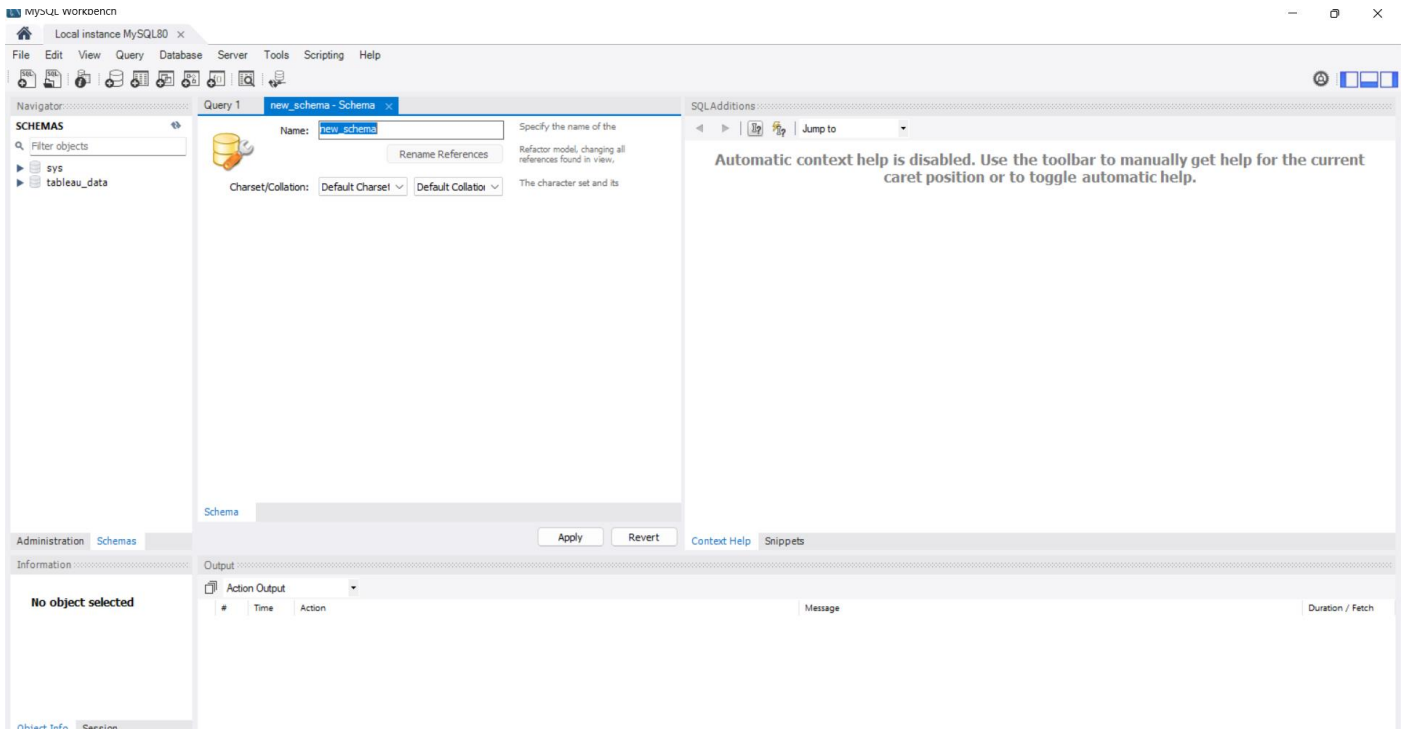
1). Download tableau desktop and MySQL in your PC or laptop.



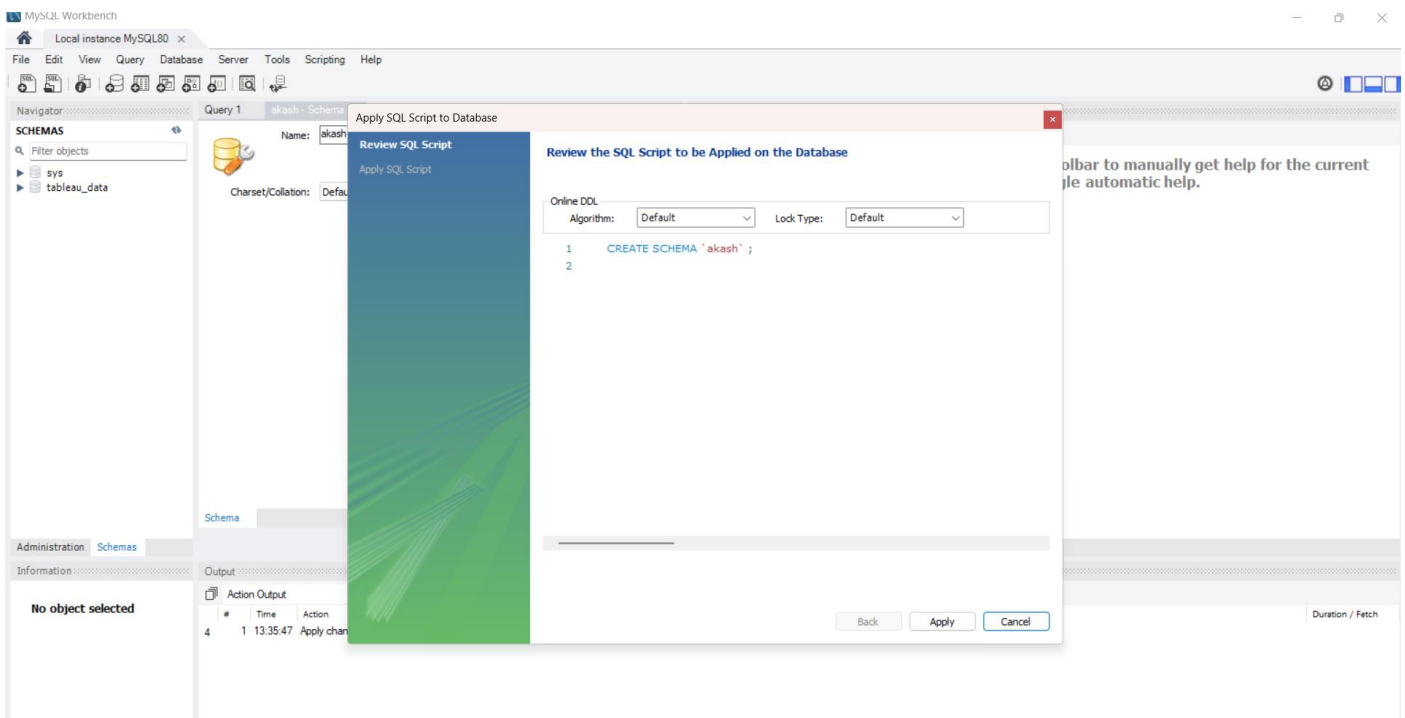
MySQL:

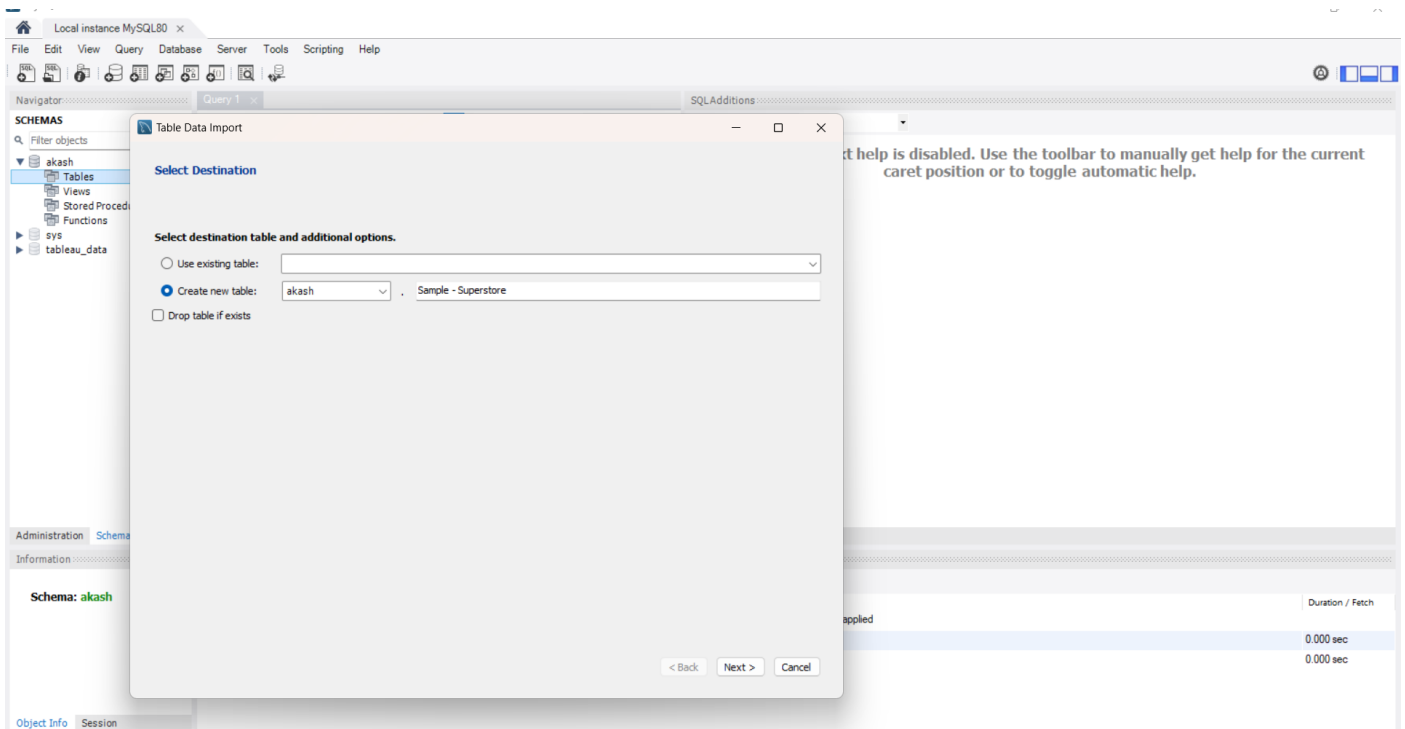
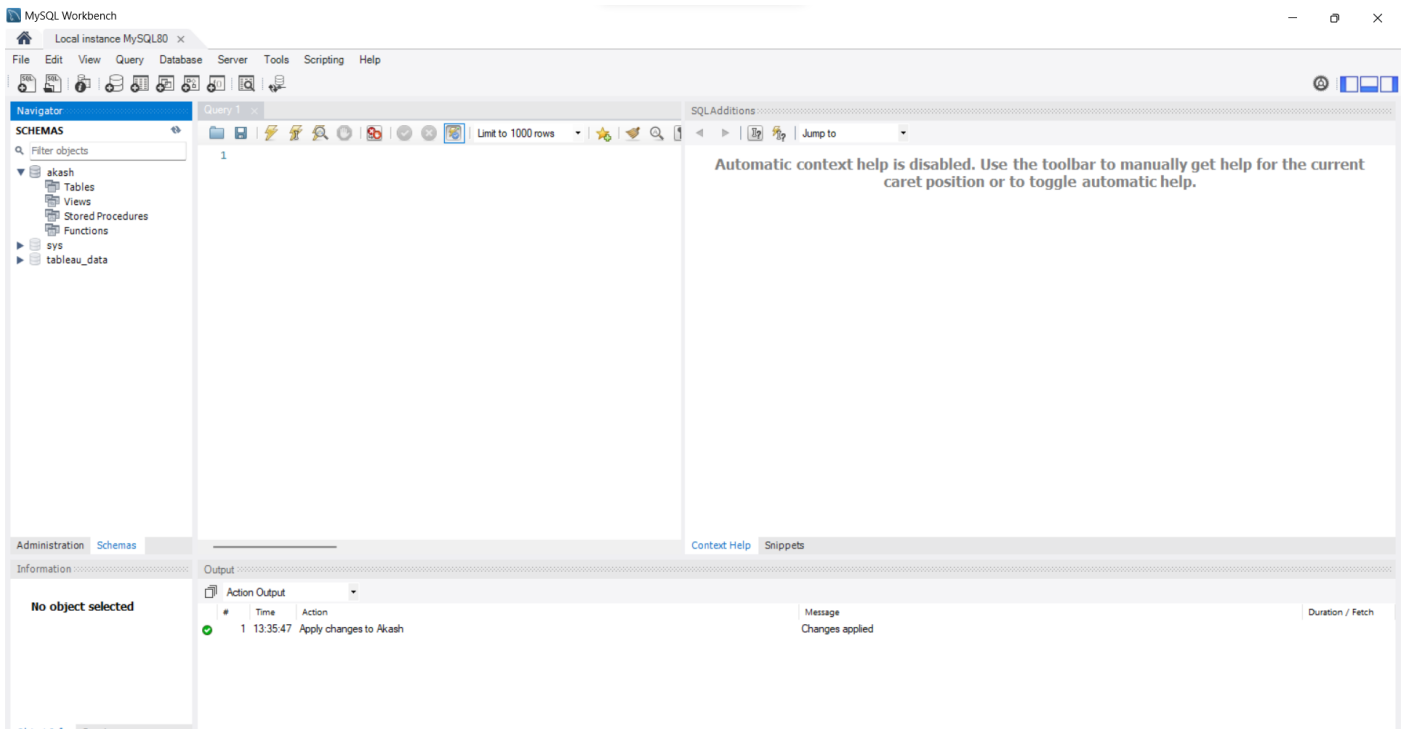


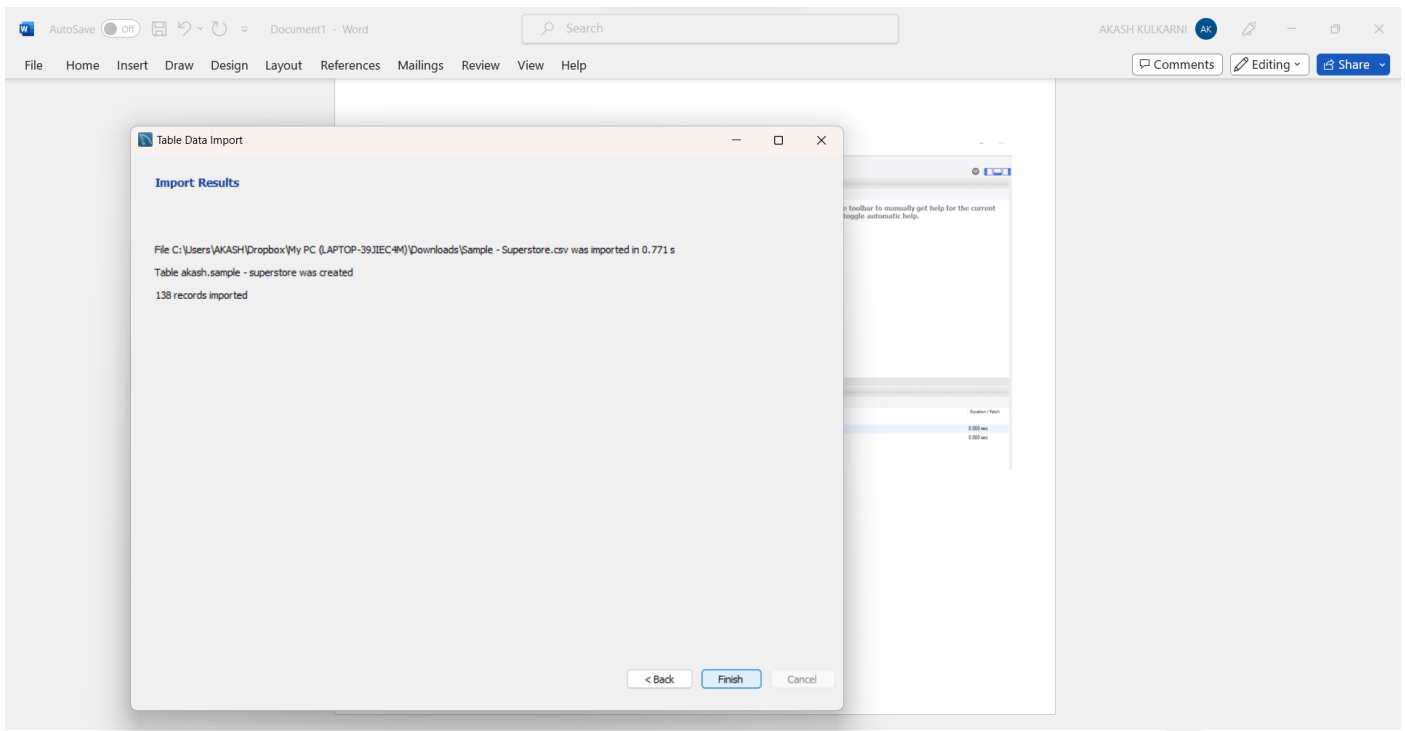
2). Create a new schema in your MySQL workbench and upload



Creating the schema:







Output:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

akash

Tables

sample

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

tableau_data

Query 1

```
1 USE akash;  
2 SELECT * from sample;
```

Limit to 1000 rows

Result Grid

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

sample 1

Information

Table: sample

Columns:

- Row ID int
- Order ID text
- Order Date text
- Ship Date text
- Ship Mode text
- Customer ID text
- ID text

Object Info Session

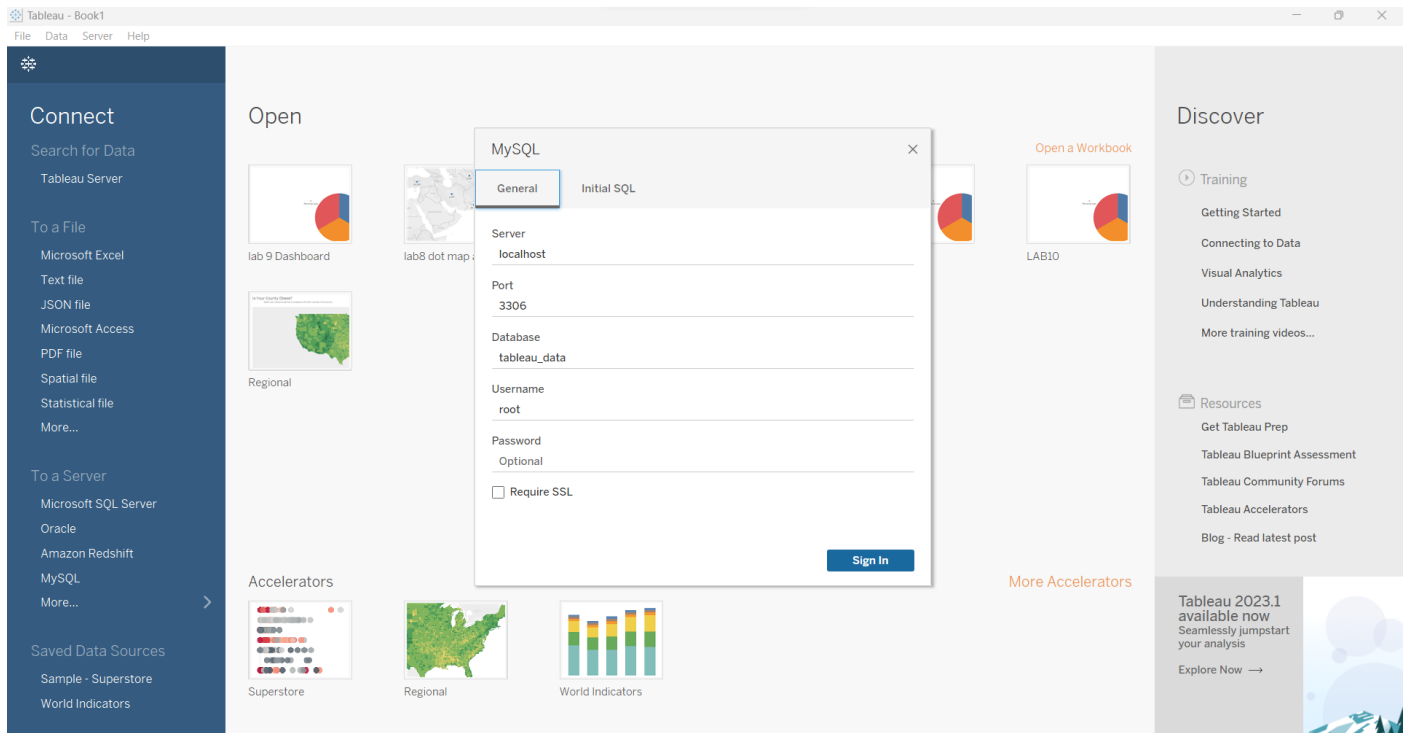
Action Output

#	Time	Action	Message	Duration / Fetch
7	13:41:22	PREPARE stmt FROM INSERT INTO 'akash'. 'sample - superstore' ('Row ID','Order ID','Order Date','Ship Date','Ship Mode','Customer ID','Customer Name','Segment','Country','City')	OK	0.000 sec
8	13:41:23	DEALLOCATE PREPARE stmt	OK	0.000 sec
9	13:42:56	Apply changes to sample	Changes applied	
10	13:43:07	Apply changes to sample	No changes detected	
11	13:43:26	USE akash	0 row(s) affected	0.000 sec
12	13:43:26	SELECT * from sample LIMIT 0, 1000	138 row(s) returned	0.000 sec / 0.000 sec

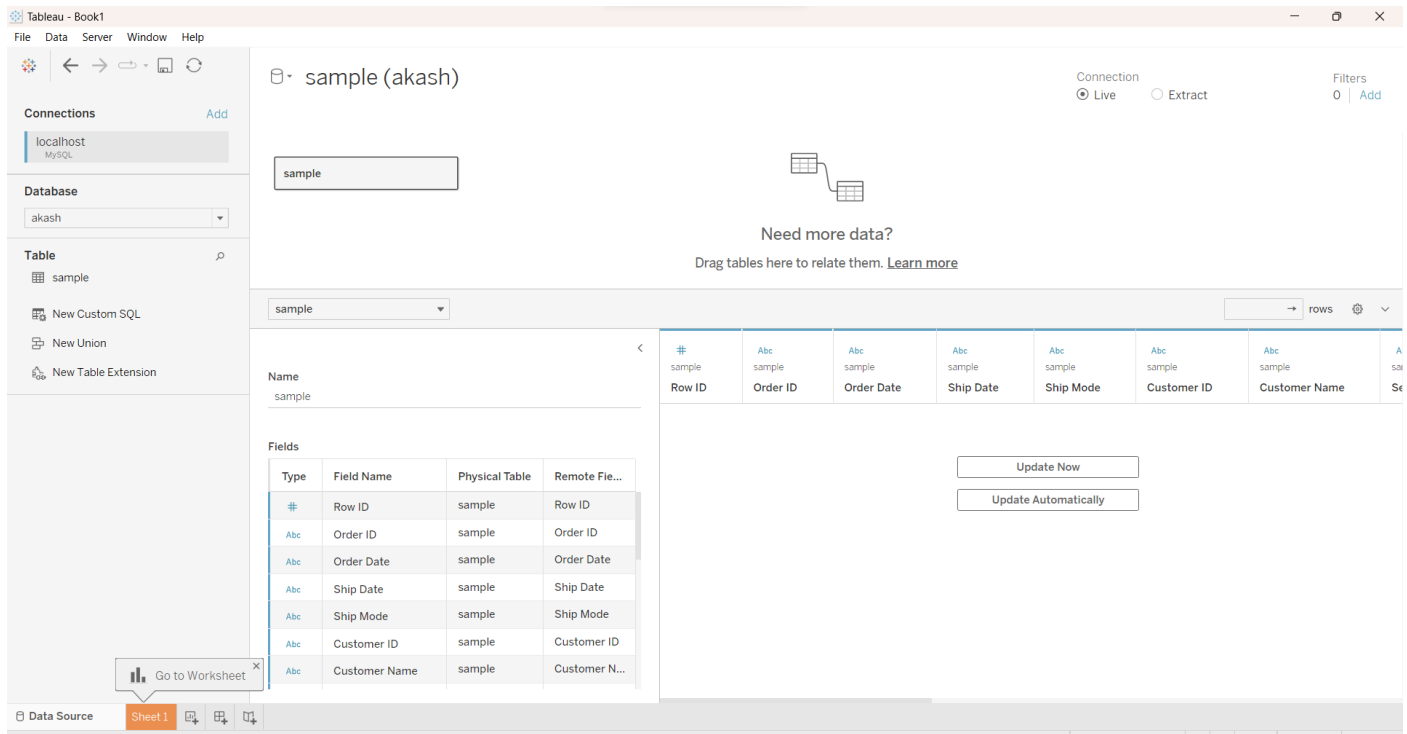
SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

3). Connect your MySQL and Tableau.



Connection:



4). Create the below 5 charts/plots.

a). Bar Chart

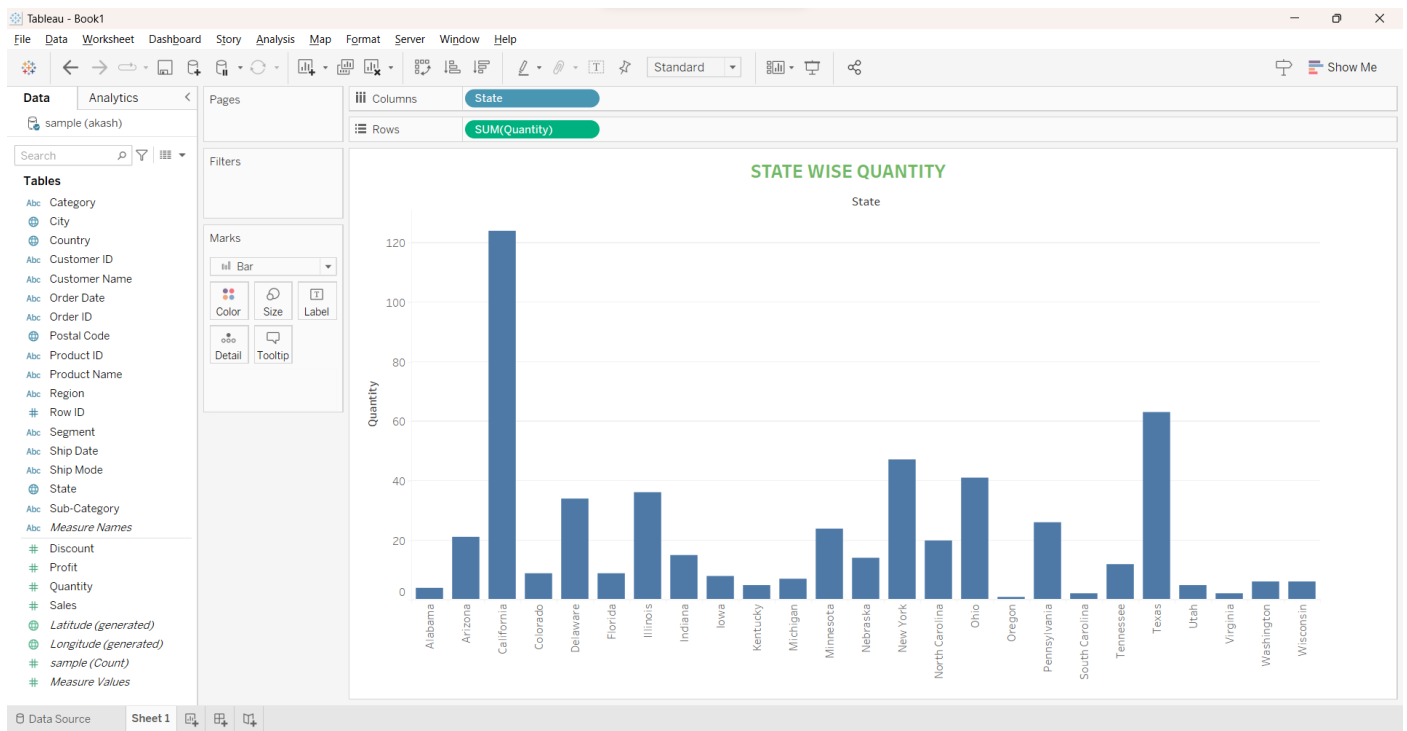
b). Tree Map

c). Heat Map

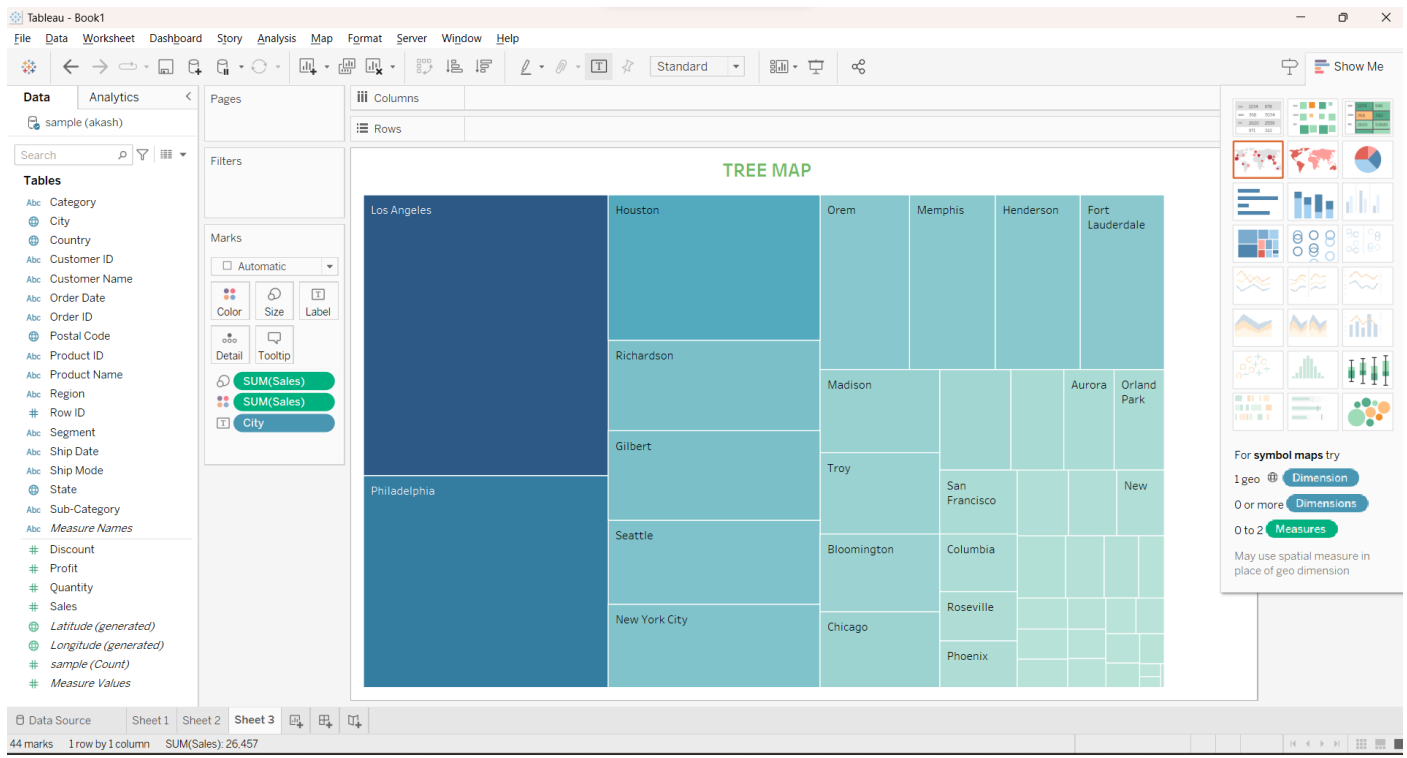
d). Pie Chart

e). Horizontal bar chart

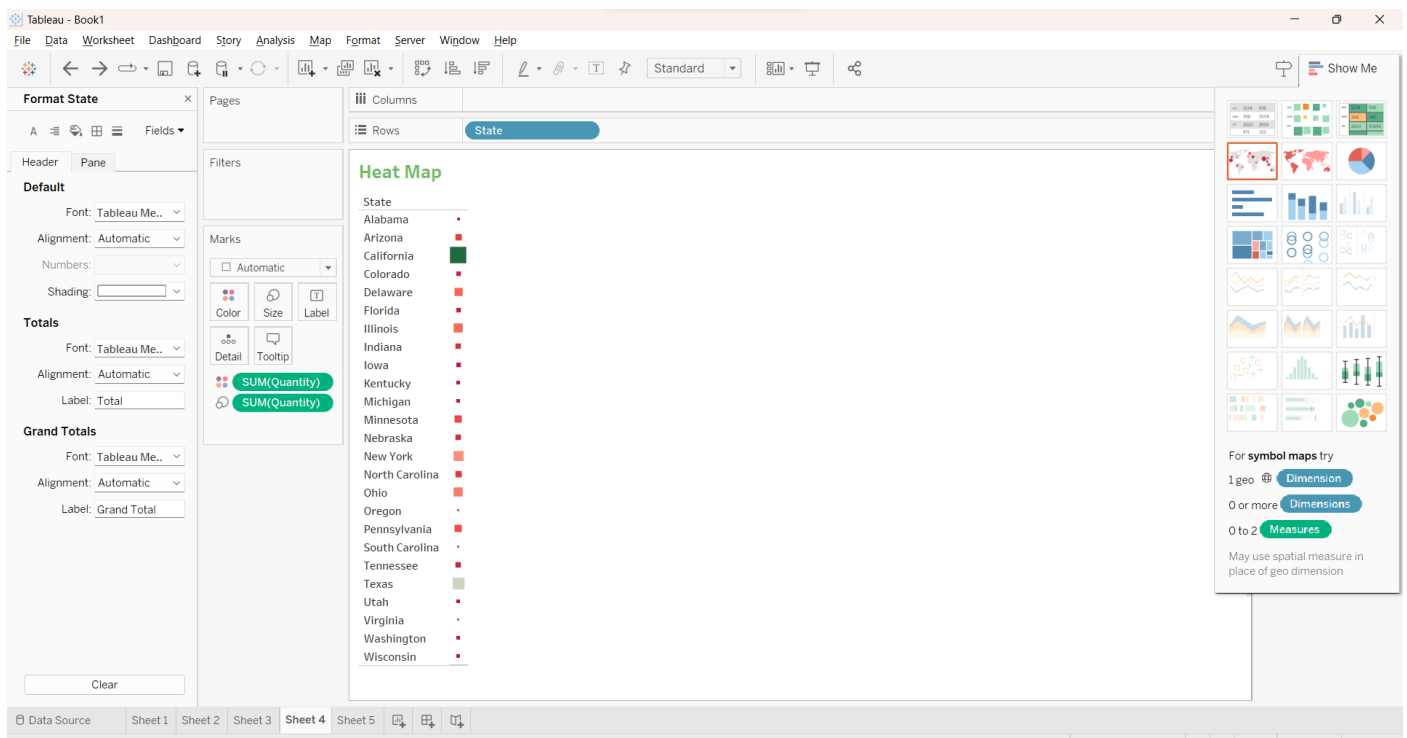
BAR CHART:



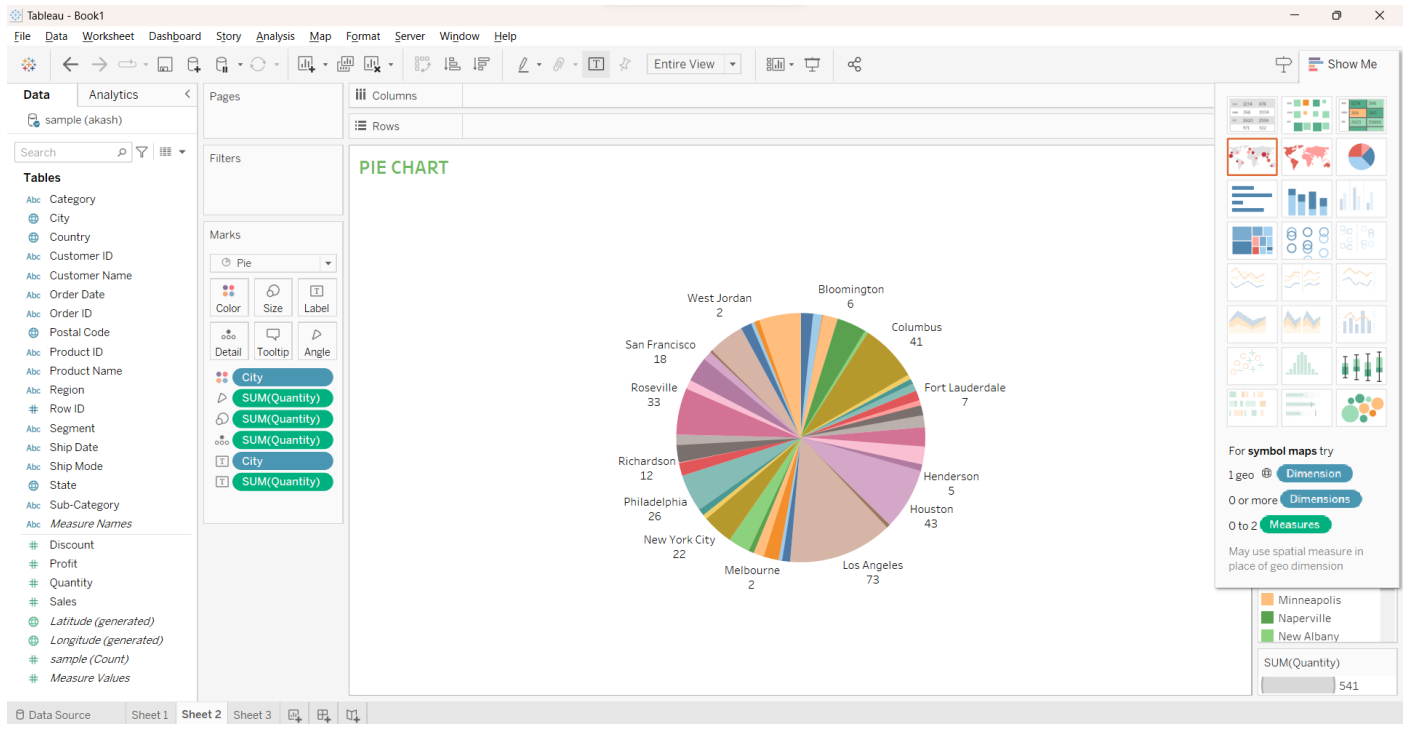
TREE MAP:



HEAT MAP:



PIE CHART:



HORIZONTAL BAR CHART:

