

NAME: B SAI SREYA

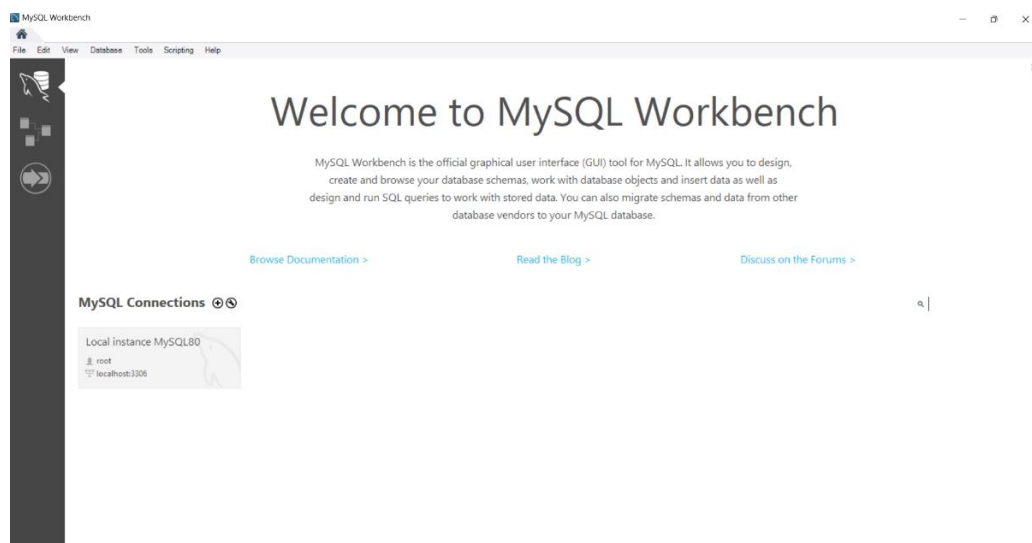
REG NO :20MIS0287

DATA ANALYTICS USING TABLEAU AND MYSQL

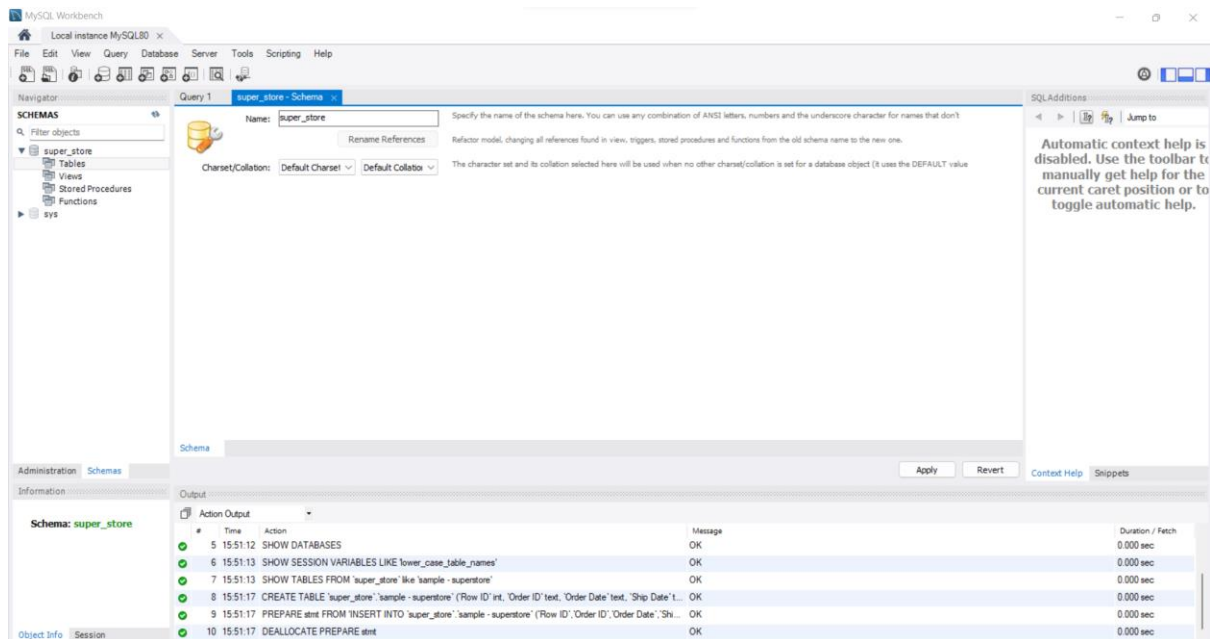
ASSIGNMENT 1

1. DOWNLOAD TABLEAU DESKTOP & MYSQL IN YOUR PC OR LAPTOP

Tableau desktop and my sql has been downloaded and launched in my laptop



2. CREATE A NEW SCHEMA IN YOUR MYSQL WORKBENCH AND UPLOAD YOUR DATA



OUTPUT:

Output				
Action Output				
#	Time	Action	Message	Duration / Fetch
1	15:50:32	Apply changes to super_store	Changes applied	
2	15:50:55	DROP DATABASE 'sales_superstore'	1 row(s) affected	0.063 sec
3	15:51:00	DROP DATABASE 'areya'	0 row(s) affected	0.000 sec
4	15:51:12	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
5	15:51:12	SHOW DATABASES	OK	0.000 sec
6	15:51:13	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
7	15:51:13	SHOW TABLES FROM 'super_store' like 'sample - superstore'	OK	0.000 sec
8	15:51:17	CREATE TABLE 'super_store`.`sample - superstore' ('Row ID' int, 'Order ID' text, 'Order Date' text, 'Ship Date' te...	OK	0.000 sec
9	15:51:17	PREPARE stmt FROM 'INSERT INTO 'super_store`.`sample - superstore' ('Row ID','Order ID','Order Date','Ship ...	OK	0.000 sec
10	15:51:17	DEALLOCATE PREPARE stmt	OK	0.000 sec

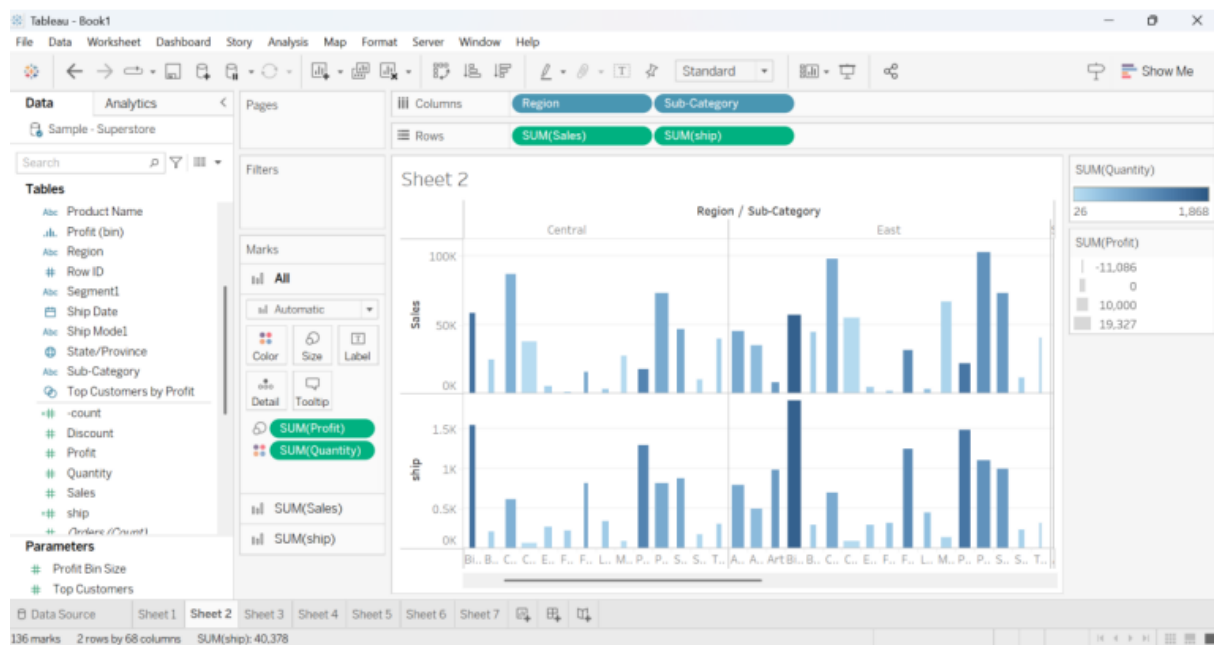
3. CONNECT YOUR MYSQL AND TABLEAU

The screenshot shows the Tableau Desktop interface. On the left, the 'Connections' pane shows 'localhost MySQL' connected. The 'Database' pane shows 'super_store' selected. The 'Table' pane shows 'sample - superstore' selected. The main view displays a table with 21 fields and 138 rows. The table structure is as follows:

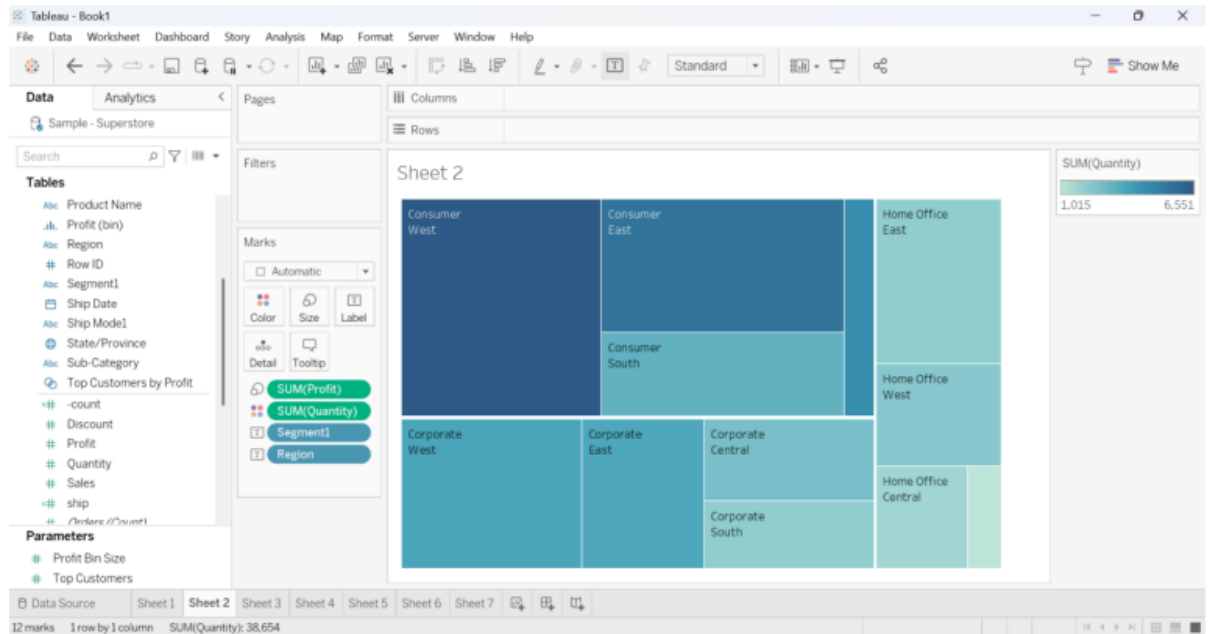
#	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	
4	US-2015-108966	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	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	

4. CREATE THE BELOW 5 CHARTS/PLOTS

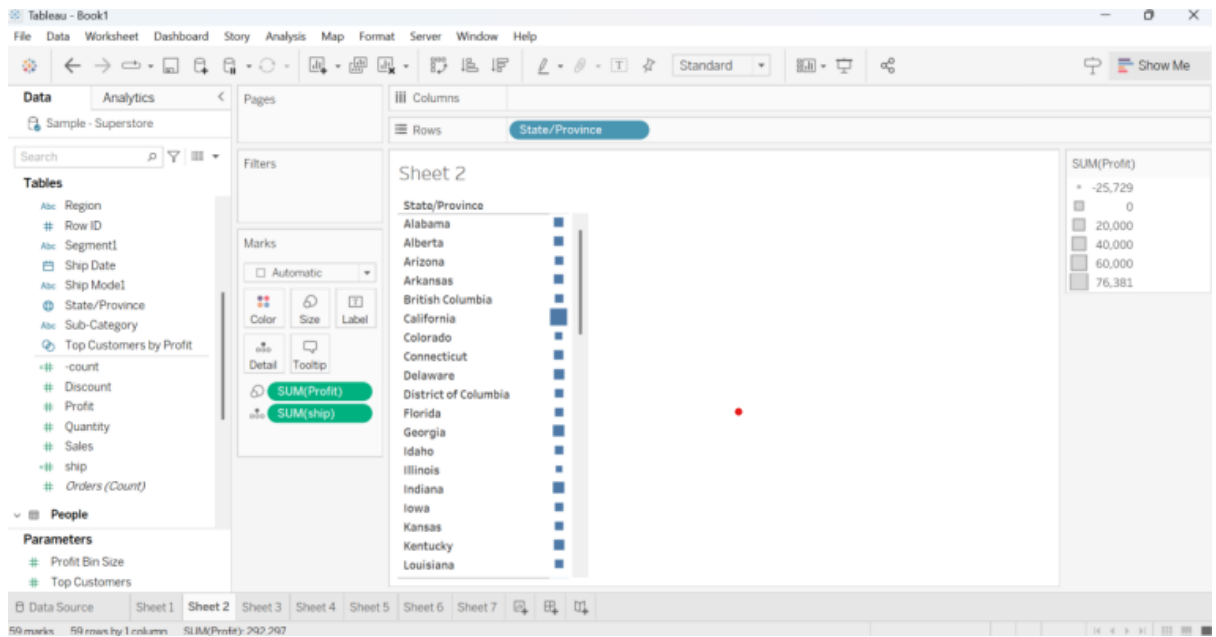
- Bar chart

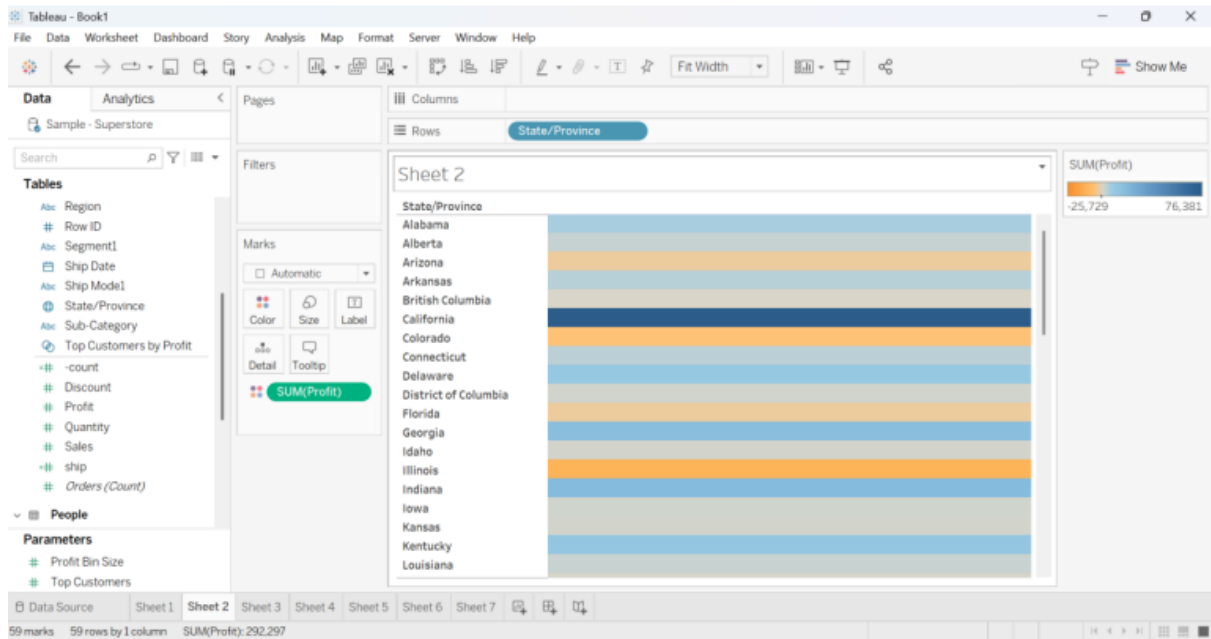


- Tree map

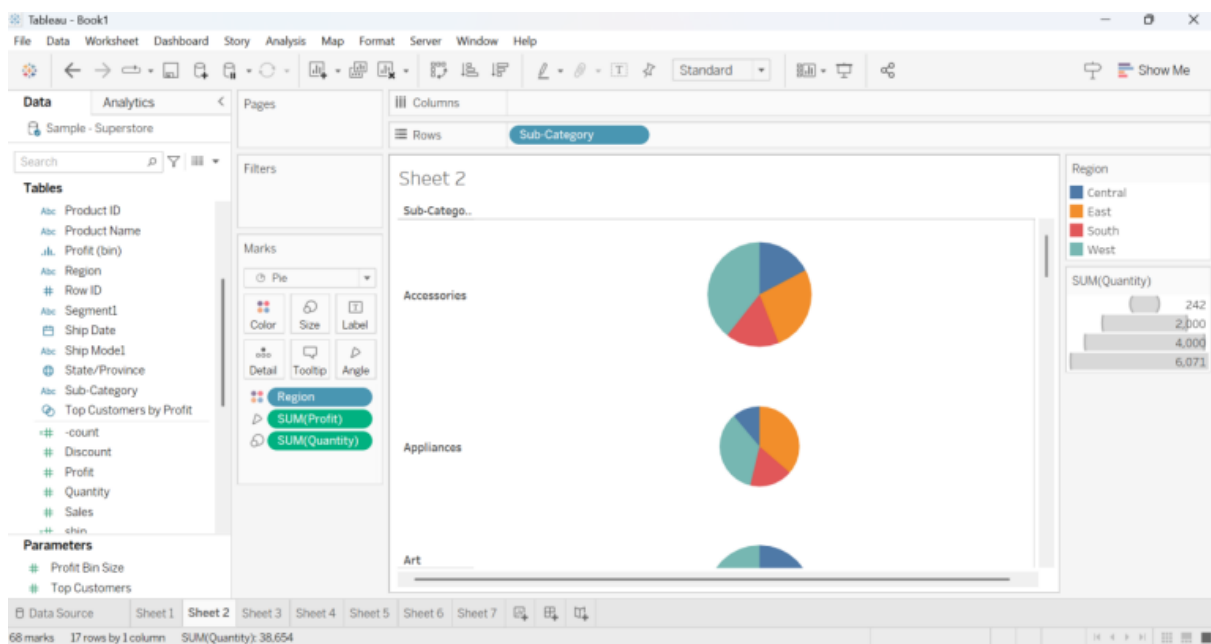


- Heatmap





- Pie chart



- Horizontal bar chart

