













# Smart Bridge(Data Analytics) Assignment 1

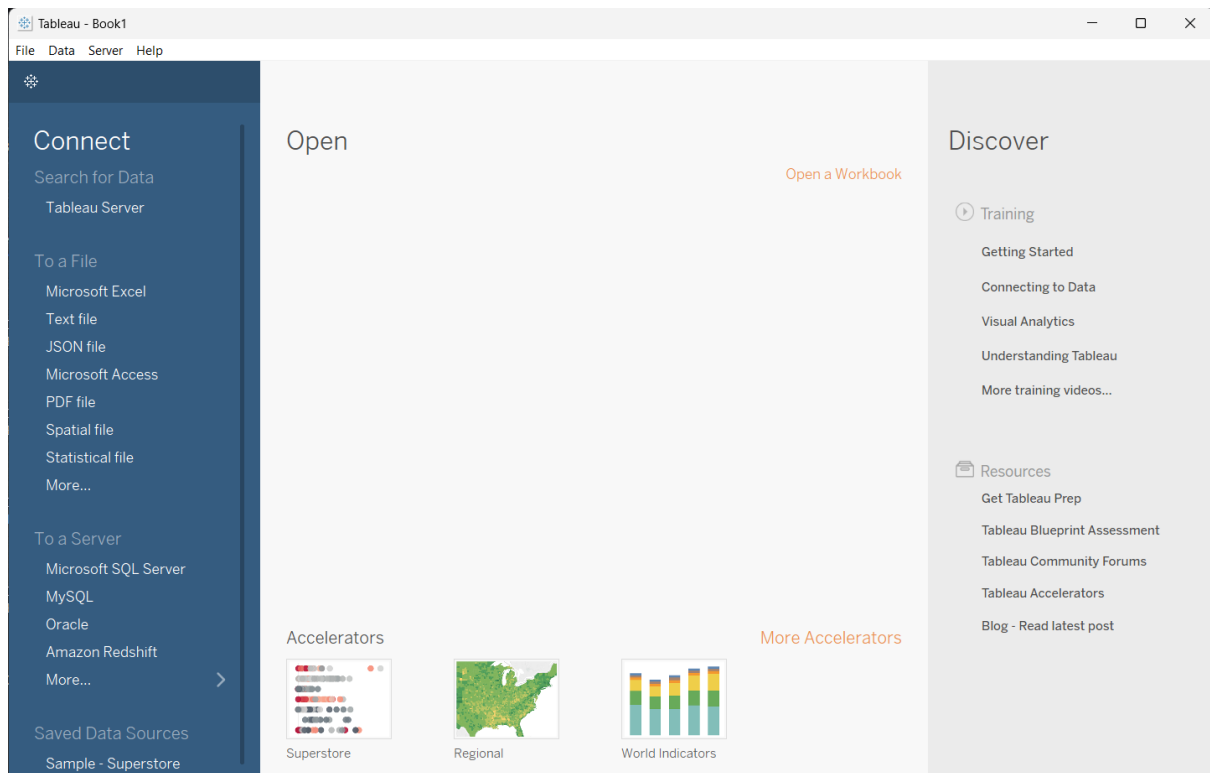
## Installed Tableau and MySQL on Windows

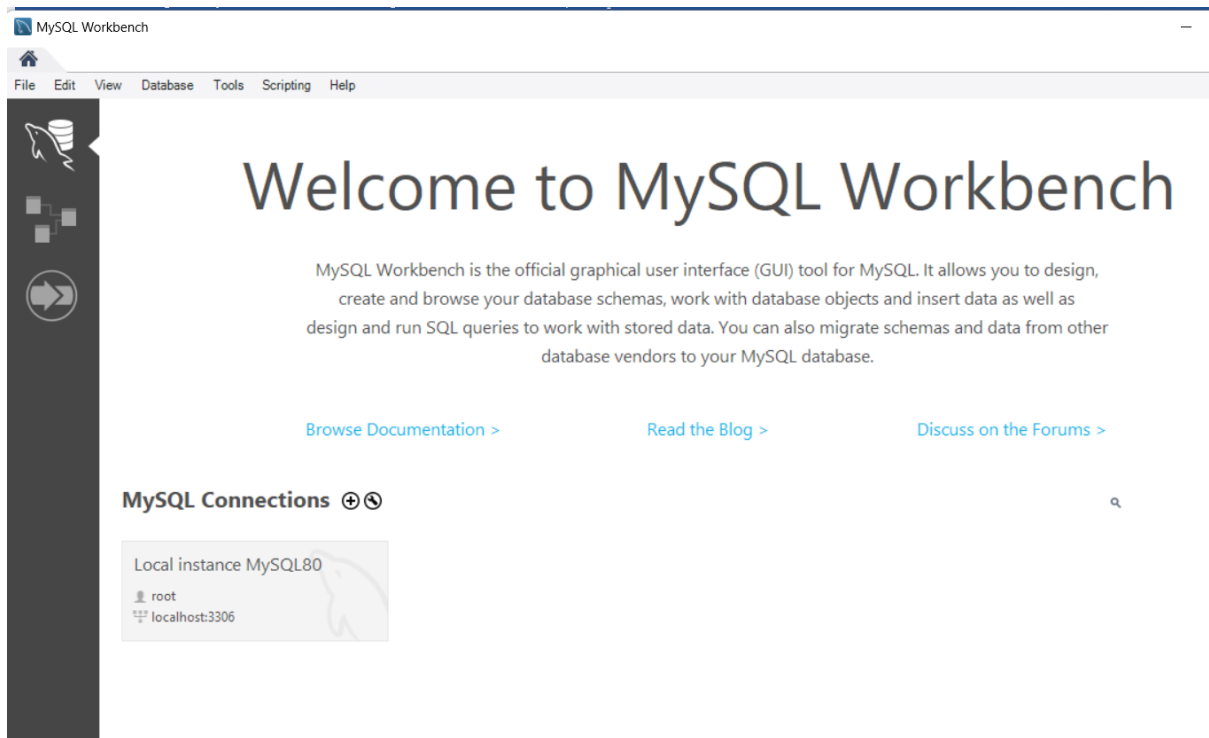
### Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Organize ▾					
Name	Publisher	Installed On	Size	Version	
 Microsoft Windows Desktop Runtime - 5.0.10 (x86)	Microsoft Corporation	30-01-2023	184 MB	5.0.10.30418	
 Microsoft Windows Desktop Runtime - 6.0.10 (x86)	Microsoft Corporation	14-02-2023	194 MB	6.0.10.31726	
 Mozilla Firefox (x64 en-US)	Mozilla	14-05-2023	217 MB	113.0.1	
 Mozilla Maintenance Service	Mozilla	30-01-2023	327 KB	87.0	
 MySQL Connector/ODBC 8.0 (64-bit)	Oracle Corporation	30-05-2023	51.3 MB	8.0.33	
 MySQL Installer - Community	Oracle Corporation	30-05-2023	442 MB	1.6.6.0	
 MySQL Server 8.0	Oracle Corporation	30-05-2023	525 MB	8.0.33	
 MySQL Shell 8.0.33	Oracle and/or its affiliates	30-05-2023	320 MB	8.0.33	
 MySQL Workbench 8.0 CE	Oracle Corporation	30-05-2023	153 MB	8.0.33	
 R for Windows 4.0.4	R Core Team	01-03-2021	206 MB	4.0.4	
 RStudio	RStudio	30-01-2023		1.4.1106	
 Tableau 2023.1 (20231.23.0511.1508)	Tableau Software	30-05-2023	2.35 GB	23.1.917	

## After Installing Tableau and MySQL





## Viewing Dataset in Tableau connected with MySQL(superstoredata.csv)

Tableau - Book1

File Data Server Window Help

Connections: localhost MySQL

Database: hero\_data

Table: superstore data

superstore data (hero\_data)

Connection: ☒ Live ☐ Extract

Filters: 0 | Add

superstore data

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

superstore data 21 fields 138 rows 100 rows

#	superstore data	Abc superstore data	Abc superstore data	Abc superstore data	Abc superstore data	Abc superstore data	Abc superstore data
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	

27°C Haze

Search

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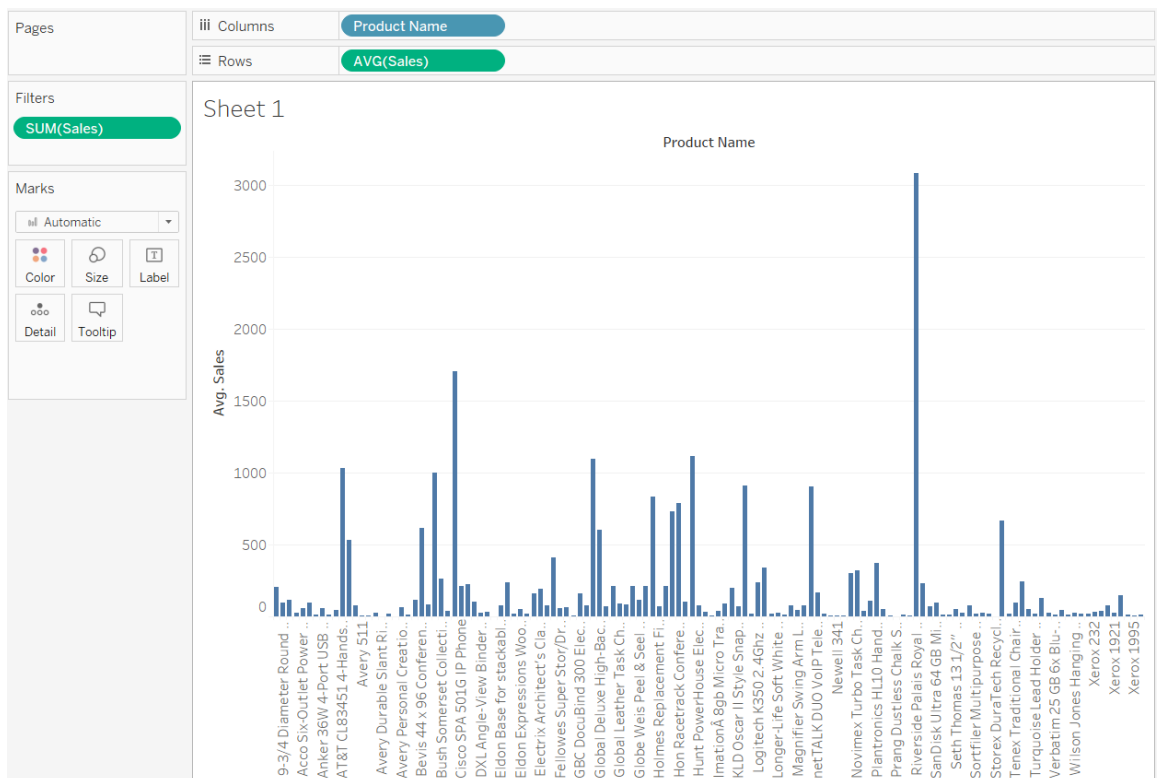
## Viewing dataset in MySQL

The screenshot shows the MySQL Workbench interface. The 'Query 1' tab is active, displaying the SQL query: `SELECT * FROM sales_superstore.`superstore_data`;`. The 'Result Grid' shows the first 14 rows of the dataset. The columns are: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, and State.

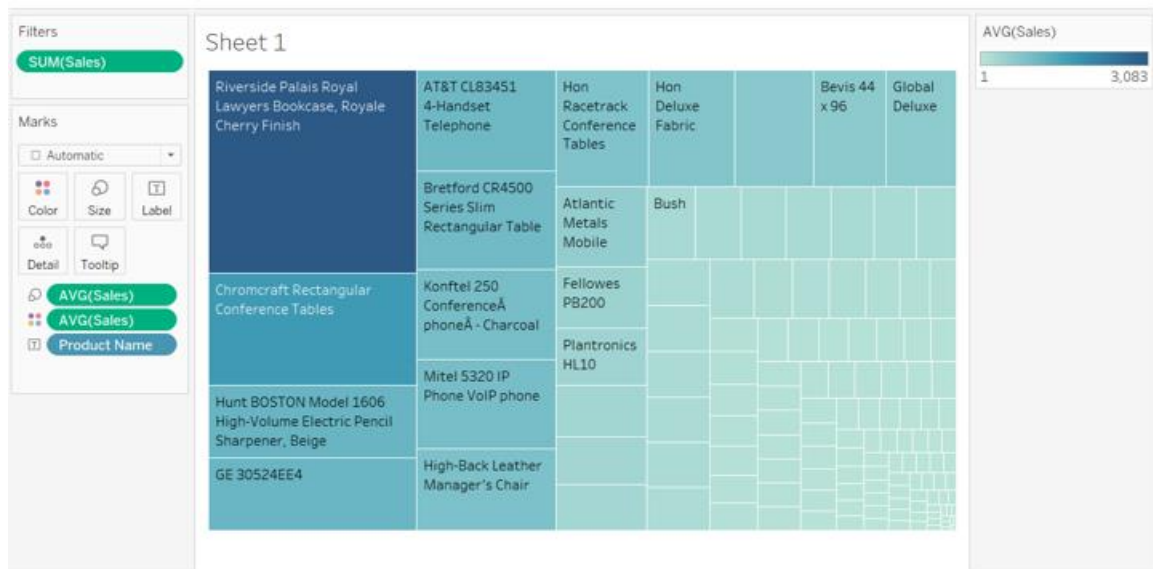
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	State
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Co
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Co
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	Co
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Co
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6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
11	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
12	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Co
13	CA-2017-114412	4/15/2017	4/20/2017	Standard Class	AA-10480	Andrew Allen	Co
14	CA-2016-161380	12/5/2016	12/10/2016	Standard Class	TM-15070	Trena Maddox	Co

## Creating charts/plots on Tableau:

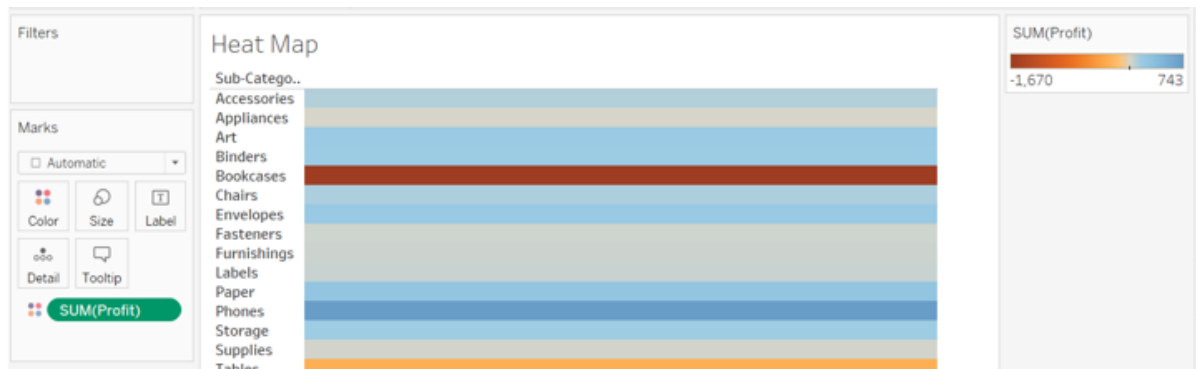
### ➤ Bar Plot



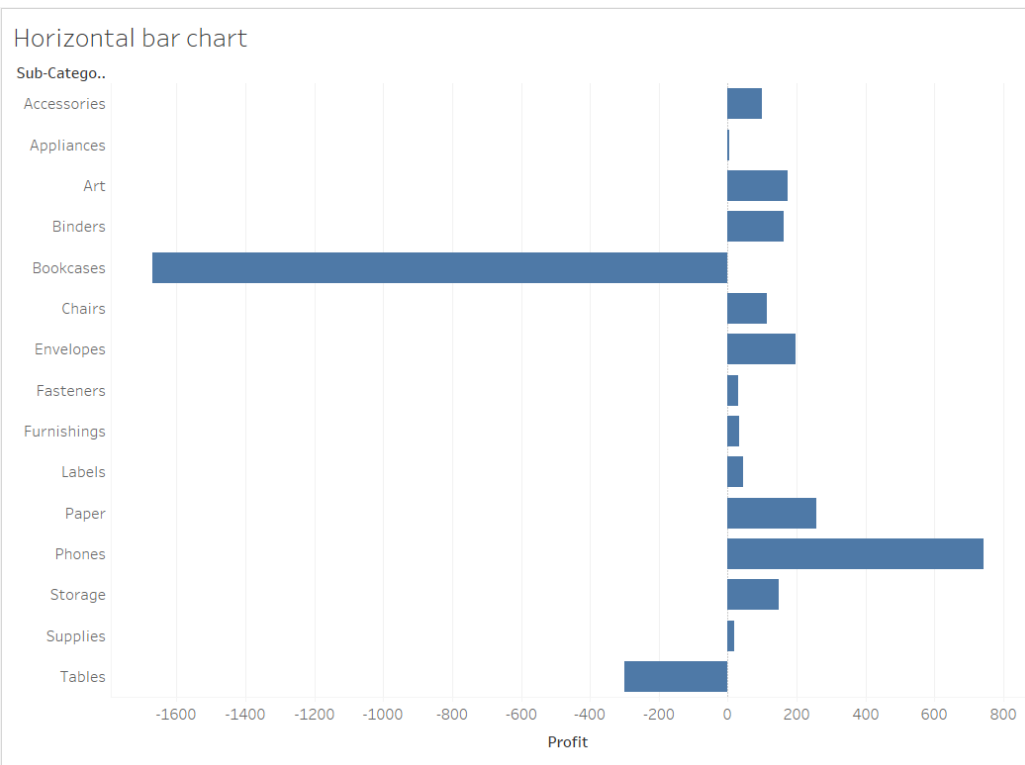
## ➤ Tree Map



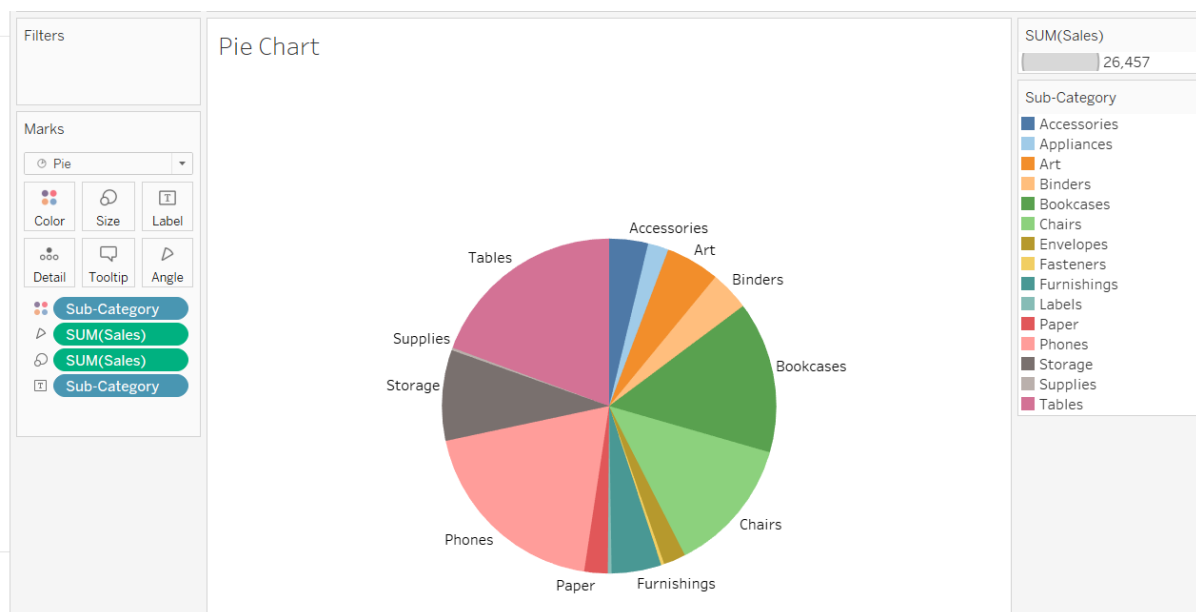
## ➤ Heat Map



## ➤ Horizontal bar Chart



## ➤ Pie Chart



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