

SmartBridge Data Analytics Assignment 2

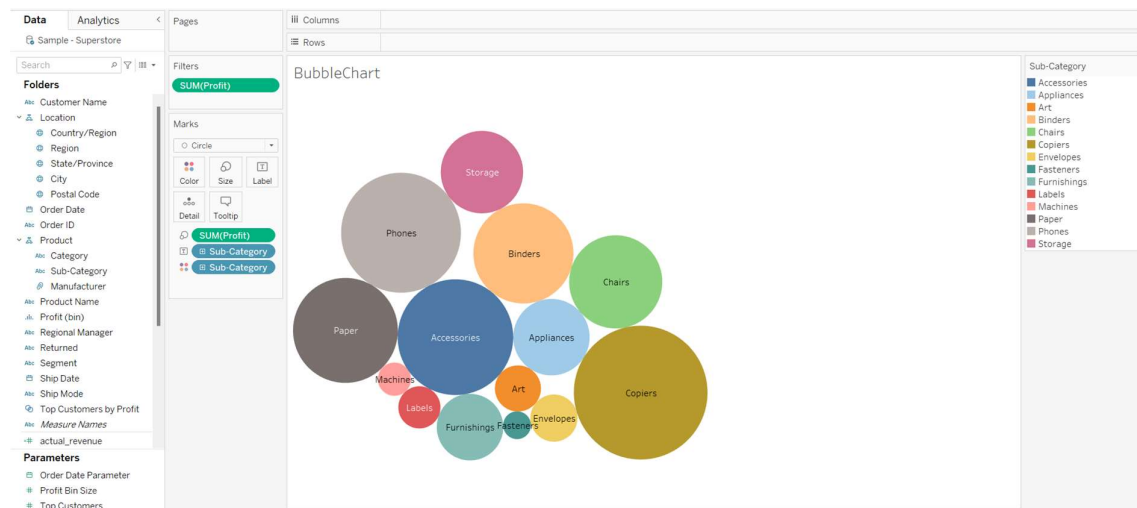
Name: Kirti

Reg.no.: 20BCE10526

VIT Bhopal University

- Create any 7 data visualizations/charts

1) Bubble Chart



2) Table

Data

Analytics

Sample - Superstore

Pages

Filters

Search

▼

■

■

Folders

Customer Name

Location

Country/Region

Region

State/Province

City

Postal Code

Order Date

Order ID

Product

Category

Sub-Category

Manufacturer

Product Name

Profit (bin)

Regional Manager

Returned

Segment

Ship Date

Ship Mode

Top Customers by Profit

Measure Names

actual_revenue

Parameters

Order Date Parameter

Profit Bin Size

Columns

State/Province

Rows

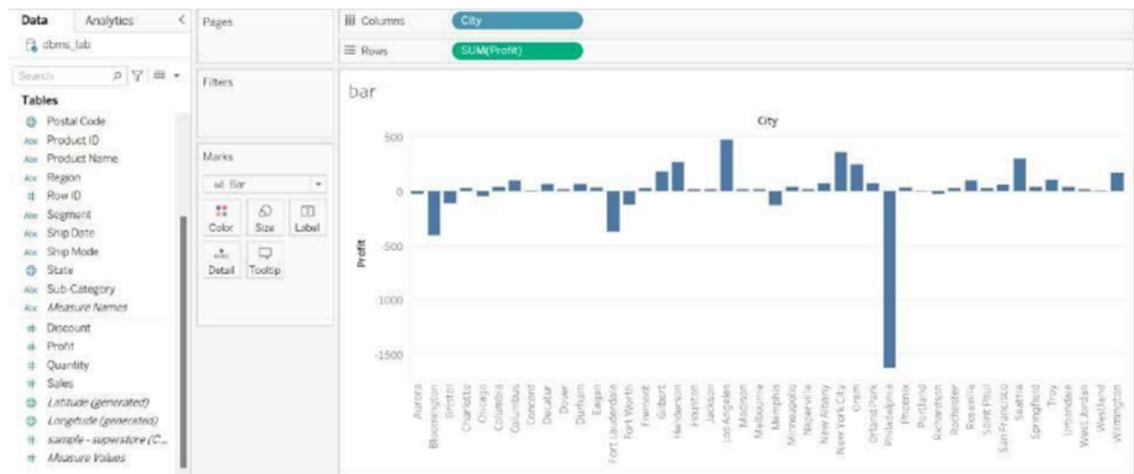
Sub-Category

Text table

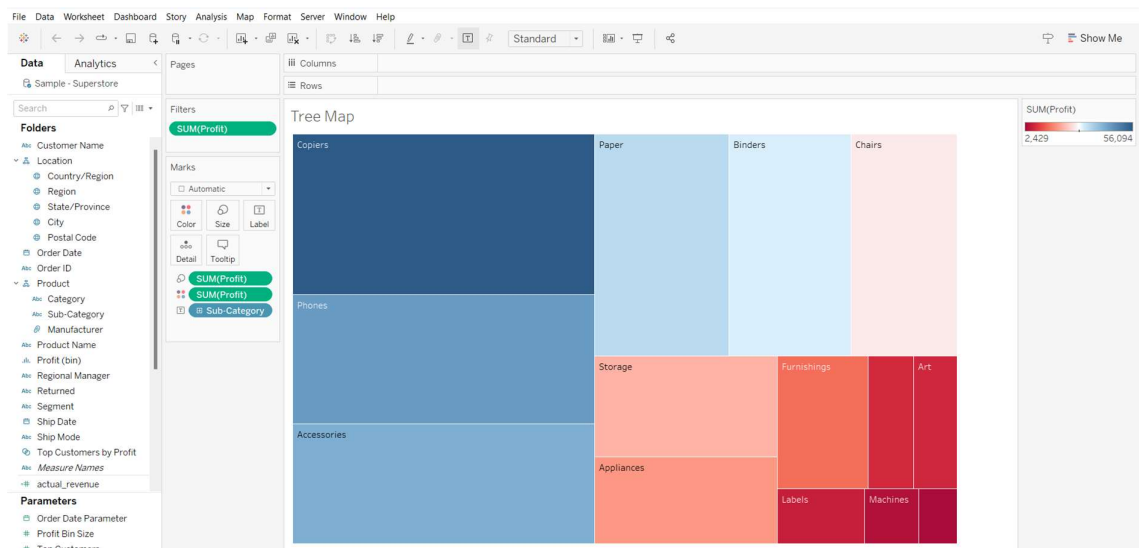
State/Province

Sub-Category...	Alab...	Alber...	Arizo...	Arkan...	Britis...	Califo...	Color...	Conne...	Dela...	Distri...	Florida	Georg...	Idaho	Illinois	India...	Iowa	Kansas	Kentu...	Louis...	Maine	Manit...	Maryl...	M...
Accessories...	2,323	3,396	1,788	37,255	2,288	658	562	5,862	3,658	90	5,536	2,279	92	2,976	1,668	323	1,124						
Appliances...	208	80	774	24,176	1,367	1,479	140	3,558	3,432	228	975	4,160	82	1,336	17	102	1,589	3					
Art	301	18	1,389	78	91	5,496	211	192	535	57	711	527	930	389	147	163	951	130	434				
Binders	467	2,185	2,890	28,473	509	372	2,434	10	3,690	11,672	72	4,539	4,012	248	612	3,696	629	38	1,138	3,225	2		
Bookcases		519	639	337	27,559	1,584	1,683	2,052		2,587	3,794		4,283			262	388			882	1		
Chairs	3,916	4,317	6,499	1,673	1,037	63,079	8,245	2,782	1,560	1,268	11,169	1,858	338	14,563	6,463	1,408	9,234	802		710	4,330	4	
Copiers	900					24,560	440	10,500			1,440	3,000		5,920	18,500			1,400					
Envelopes	106	52	215	312	3,237	76	11	299		211	447		384	890	13		105	62					
Fasteners	4	5,215	101	43	480	45	26		49	15			141	8	46	24	76						
Furnishings	40	1,424	2,512	573	552	19,996	1,958	457	637	79	3,746	1,805	432	2,878	1,514	49	111	1,788	182	109	30	3,148	
Labels	506		27	7	2,899	18	33	74		386	245			225	276		19	363	11				
Machines	3,040	966			686	29,492	3,314	66	1,380	24,574	396		3,756	84			316	303	1,099	104	260		1,039
Paper	883	59	2,441	806	16,758	883	788	441	72	2,426	2,957	173	3,456	1,880									
Phones	2,706	28	7,389	2,137	61	67,965	4,925	2,133	3,435	15,092	7,005		748	16,772	5,460	1,154	757	5,114	683	438			2,577
Storage	1,249		2,590	430		45,112	3,387	2,428	4,179	7,419	7,381		477	9,080	4,120	13	394	4,822	805				53
Supplies	485		283			15,721	1,403	115		1,068	40						358	86	1,666				25
Tables	2,376	268	3,995	302		45,430	1,457	252	510	5,485	865	1,825	6,551	3,519	1,185			843	1,591				790

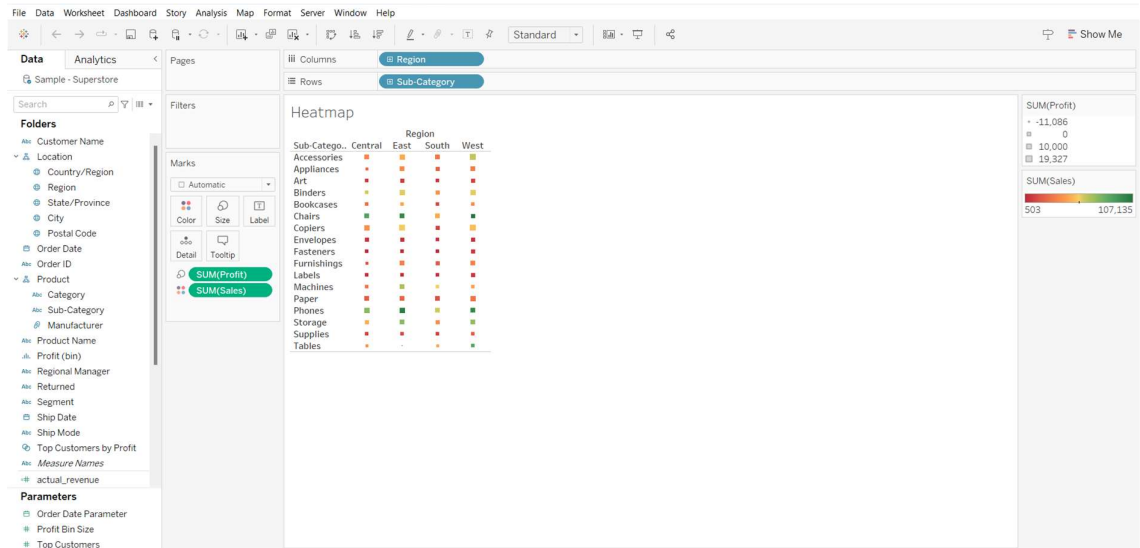
3) Bar chart



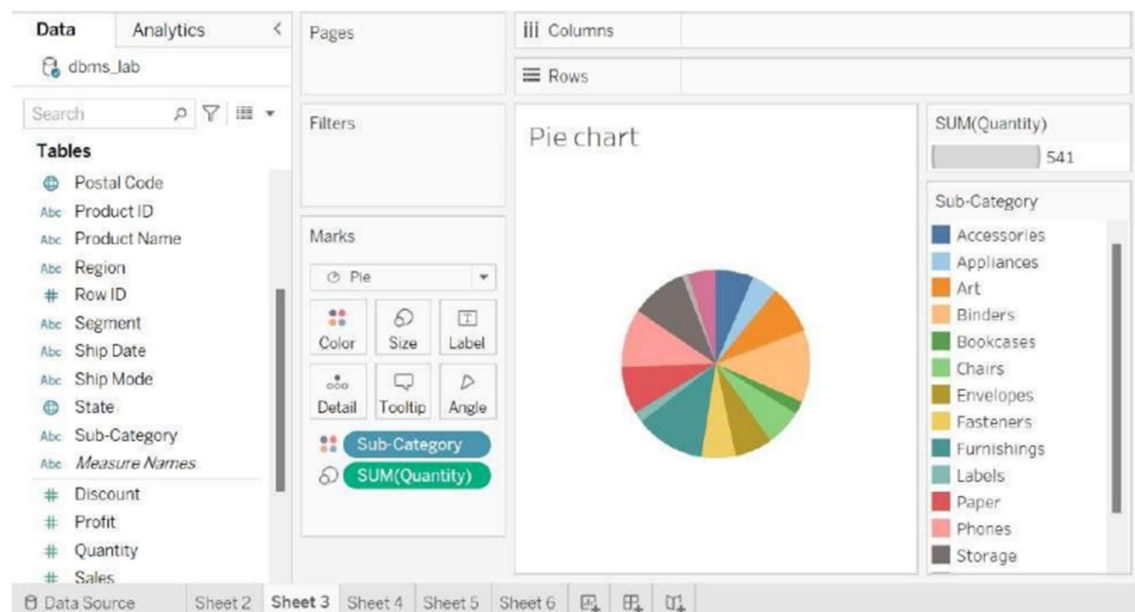
4) Tree map



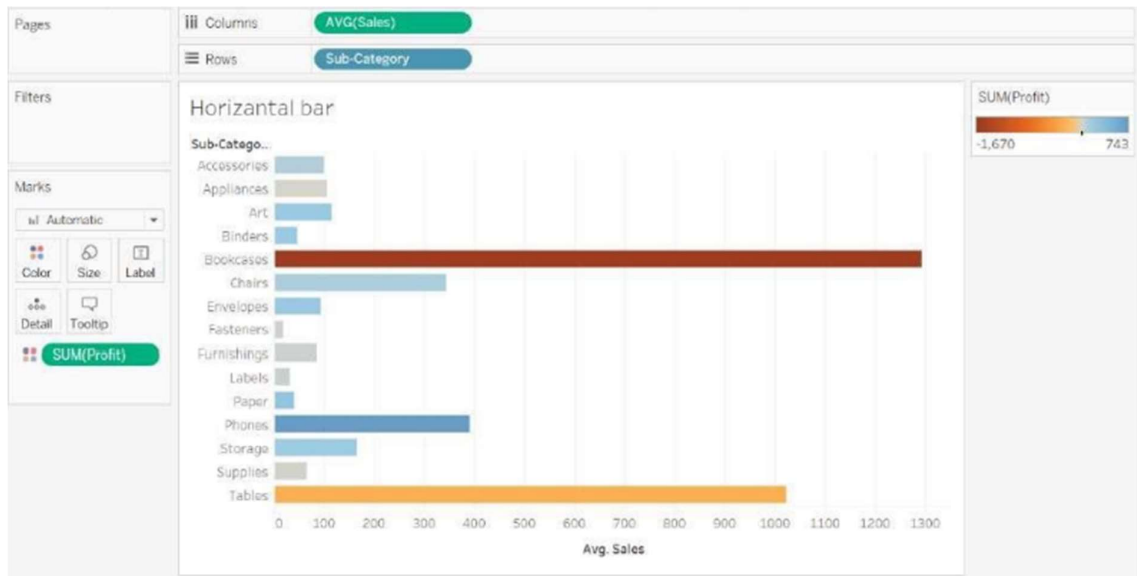
5) Heat Map



6) Pie chart

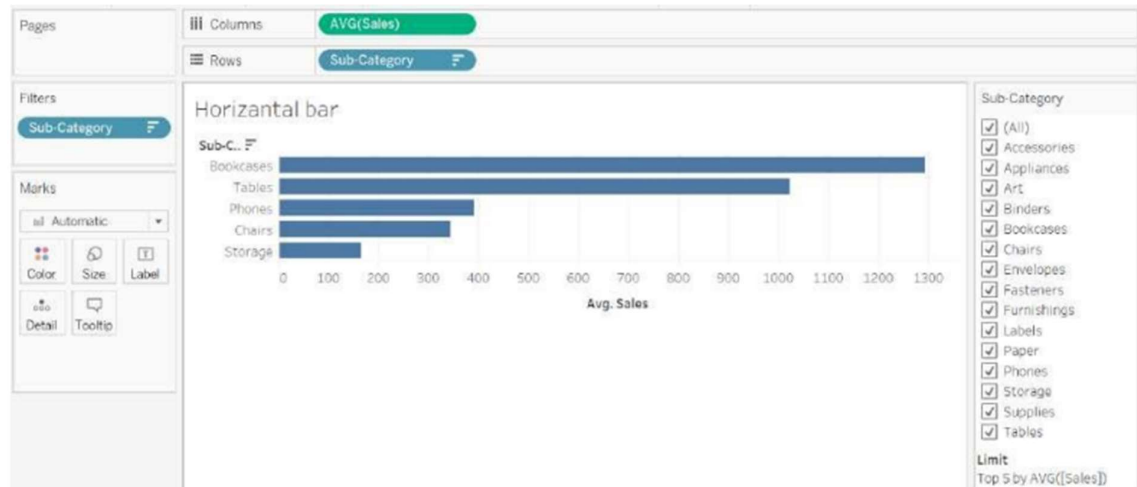


7) Horizontal bar chart

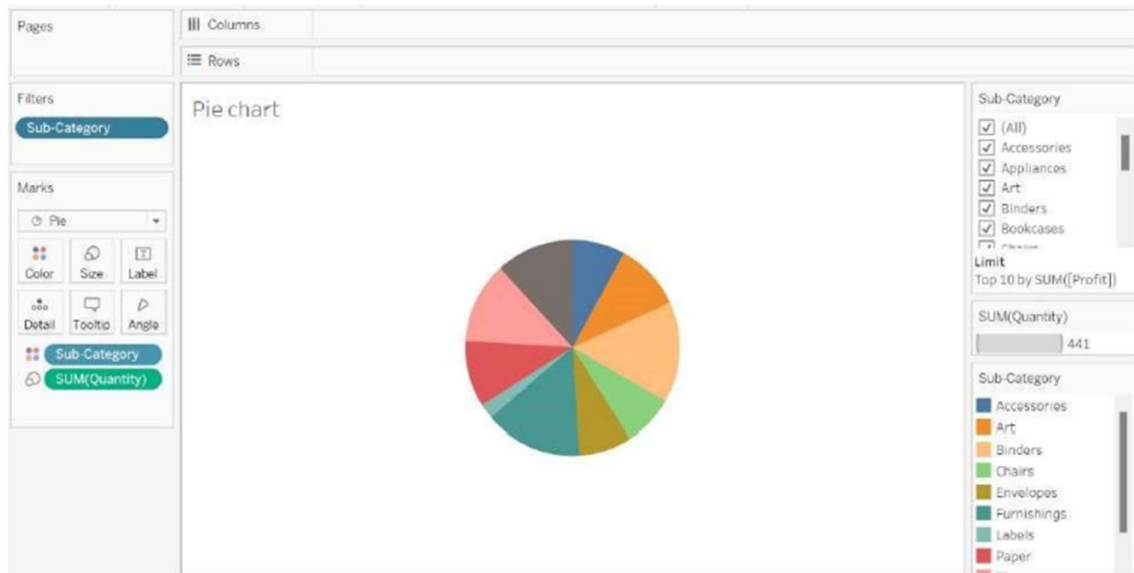


- Apply dimension filter, context and measure filter on any of the three Visualizations.

1) Horizontal bar



2) Pie chart



3) Tree Map



- **Perform the following data manipulations on your dataset**

- 1) create a Hierarchy
- 2) create a set
- 3) create a group

Hierarchy:

Data

Analytics

Sample - Superstore

Search



Folders

Customer Name

Location

Country/Region

Region

State/Province

City

Postal Code

Pages	Columns
	Rows
	Country
	State

Filters	Sheet 10
Marks	
Automatic	
Color	
Size	
Text	
Detail	
Tooltip	
SUM(Quantity)	

Country	State	
United States	Alabama	4
	Arizona	21
	California	124
	Colorado	9
	Delaware	34
	Florida	9
	Illinois	36
	Indiana	15
	Iowa	8
	Kentucky	524
	Michigan	7
	Minnesota	24
	Nebraska	14
	New York	47
	North Carolina	20
	Ohio	41
	Oregon	1
	Pennsylvania	26
	South Carolina	2

Filters	Sheet 10
Marks	
Automatic	
Color	
Size	
Text	
Detail	
Tooltip	
SUM(Quantity)	

Country	State	City	
United States	Alabama	Decatur	4
	Arizona	Gilbert	12
		Phoenix	9
	California	Los Angeles	73
		Roseville	33
		San Francisco	18
	Colorado	Aurora	9
	Delaware	Dover	5
		Wilmington	29
	Florida	Fort Lauderdale	7
		Melbourne	2
	Illinois	Bloomington	6
		Chicago	21
		Naperville	4
		Orland Park	5
	Indiana	New Albany	15
	Iowa	Urbandale	8
	Kentucky	Henderson	53
	Michigan	Jackson	3

Columns				
Rows				
Country				
State				
City				
Postal Code				
Sheet 10				
Country	State	City	Postal Code	
United States	Alabama	Decatur	35601	4
	Arizona	Gilbert	85234	12
	California	Phoenix	85023	9
		Los Angeles	90004	20
			90032	38
			90036	8
			90049	7
		Roseville	95661	33
		San Francisco	94109	9
			94122	9
	Colorado	Aurora	80013	9
	Delaware	Dover	19901	5
	Florida	Wilmington	19805	29
		Fort Lauderdale	33311	7
		Melbourne	32935	2
	Illinois	Bloomington	61701	6
		Chicago	60610	18
			60623	3
		Naperville	60540	4

Sets:

Name: top 5 states

General Condition Top

☐ None

☒ By field:

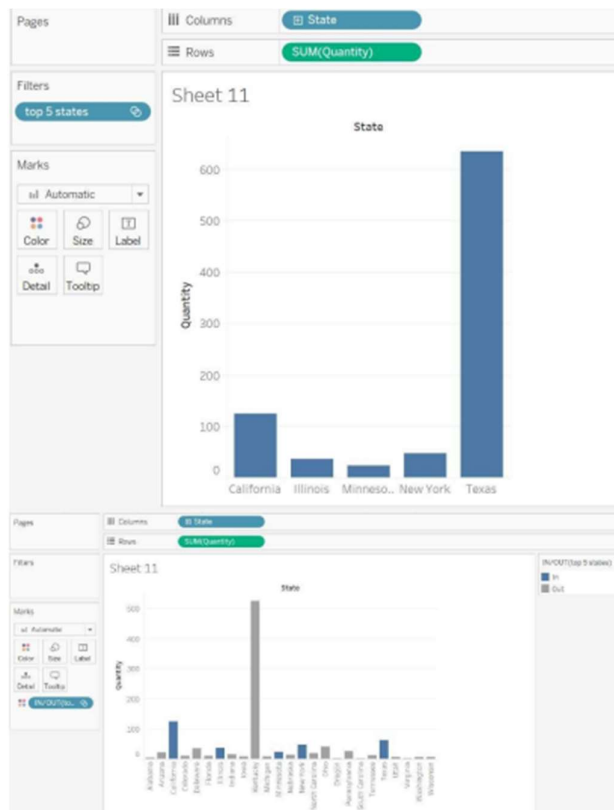
Top 5 by

Category Count

☐ By formula:

Top 10 by

Reset OK Cancel Apply



Group:

Field Name: Profit (group)

Groups: Add to:

Loss

- 1,665.0522
- 407.682
- 383.031
- 147.963
- 123.858
- 115.7156
- 114.3912
- 48.9549
- 46.9764
- 26.8758

Field Name: Profit (group)

Groups: Add to:

Gain

- 0.84
- 1.0738
- 1.1016
- 1.213
- 1.652
- 1.731
- 1.9656
- 1.9698
- 2.0994

Group Rename Ungroup Show Add Location

Include 'Other' Find >>

Reset OK Cancel Apply

