

SmartBridge Data Analytics Assignment 2

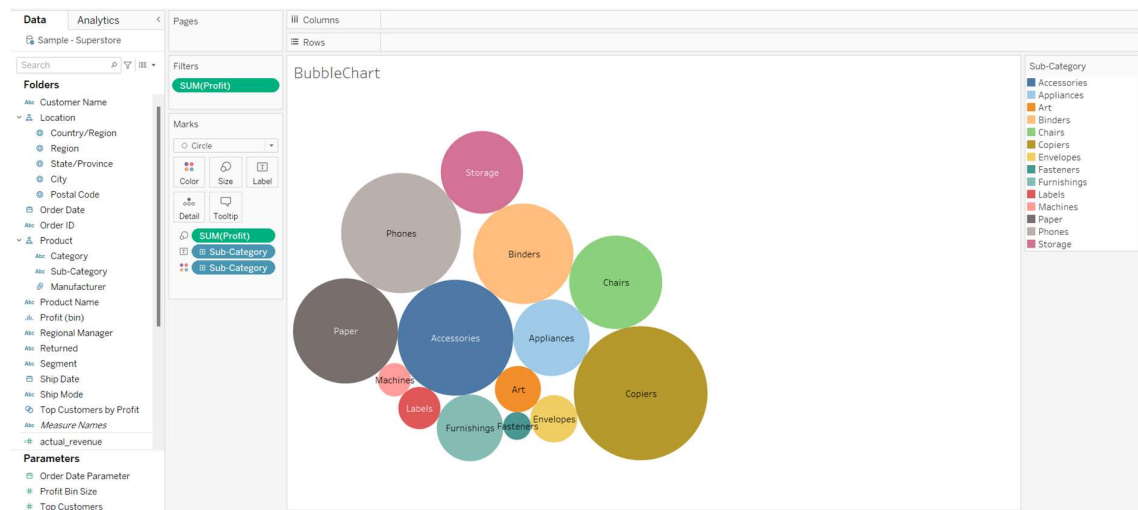
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VIT Bhopal University

- Create any 7 data visualizations/charts

1) Bubble Chart



2) Table

Data

Analytics

Sample - Superstore

Search

Filter

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

Pages

Columns

Rows

State/Province

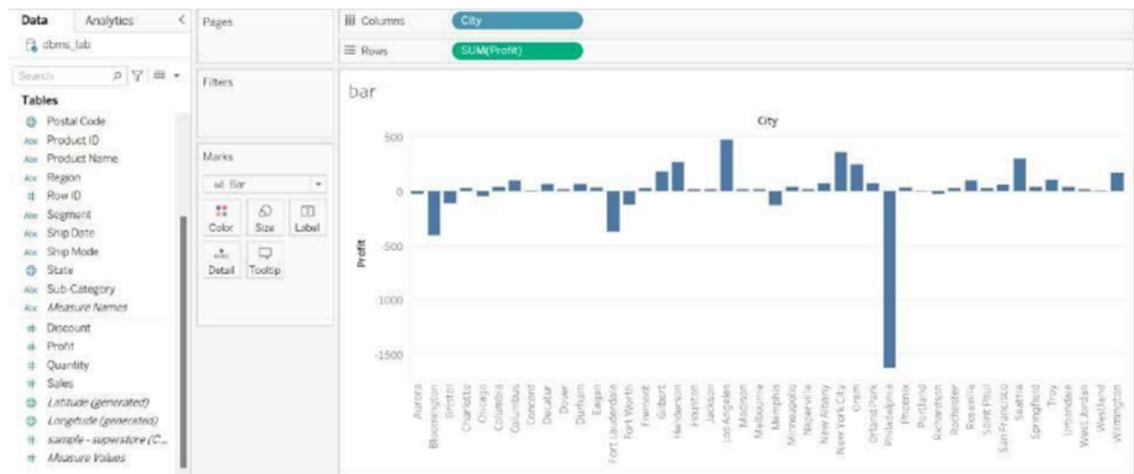
Sub-Category

Text table

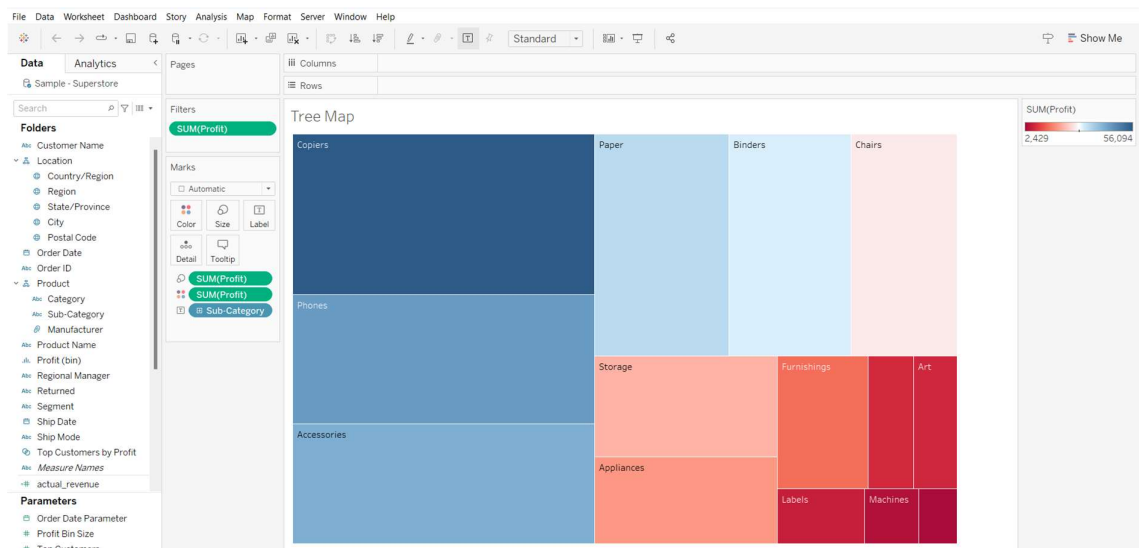
State/Province

Sub-Cate...	Alaba...	Alber...	Arizo...	Arkan...	Britis...	Califo...	Color...	Conne...	Dela...	Distri...	Florida	Georg...	Idaho	Illinois	India...	Iowa	Kansas	Kentu...	Louis...	Maine	Manit...	Maryl...	M...
Accesso...	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						
Applianc...	208	80	774	24,176	1,367	1,479	140	3,558	3,432	228	975	4,160	82	1,396	17	102	1,589	3					
Art	301	18	1,389	78	91	5,496	211	192	535	57	711	527	930	389	147	163	351	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												
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		337				
Fasteners	4	5,215	101	43		480	45	26	49	15	141	8	46	24	76								
Furnishi...	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					2,899	18	33	74		386	245	225	276		19	363	11	172				
Machines	3,040		966		686	29,492	3,314	66	1,380	24,574	396		3,756	84		3,080	480	260	1,039	1			
Paper	883	59	2,441	806		16,758	883	788	441	72	2,426	2,957	173	3,456	1,680	316	303	1,059	104				
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	3,542	4	
Supplies	485		283			15,721	1,403	115			1,068	40		178			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	

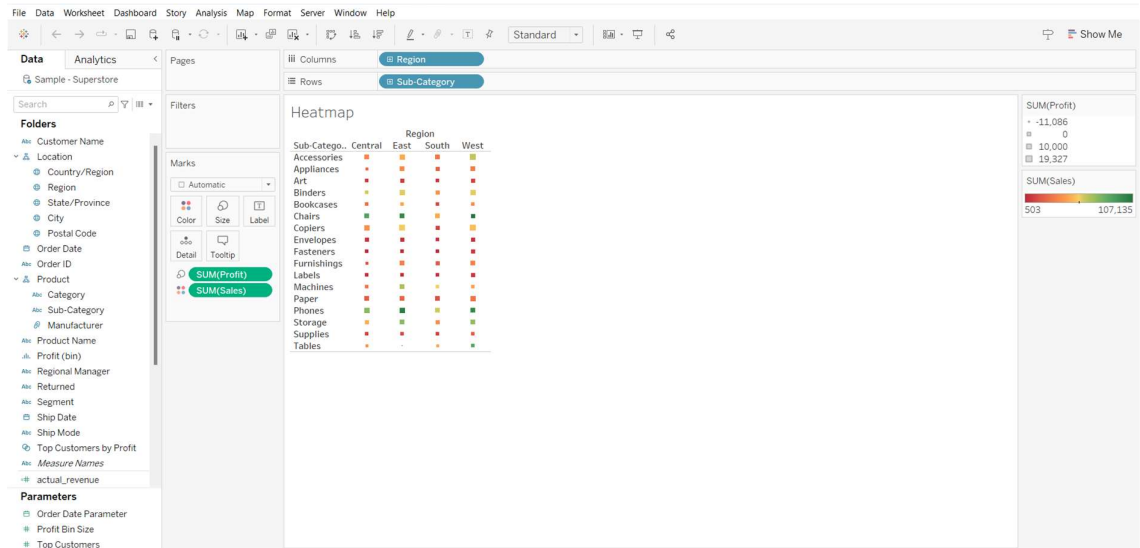
3) Bar chart



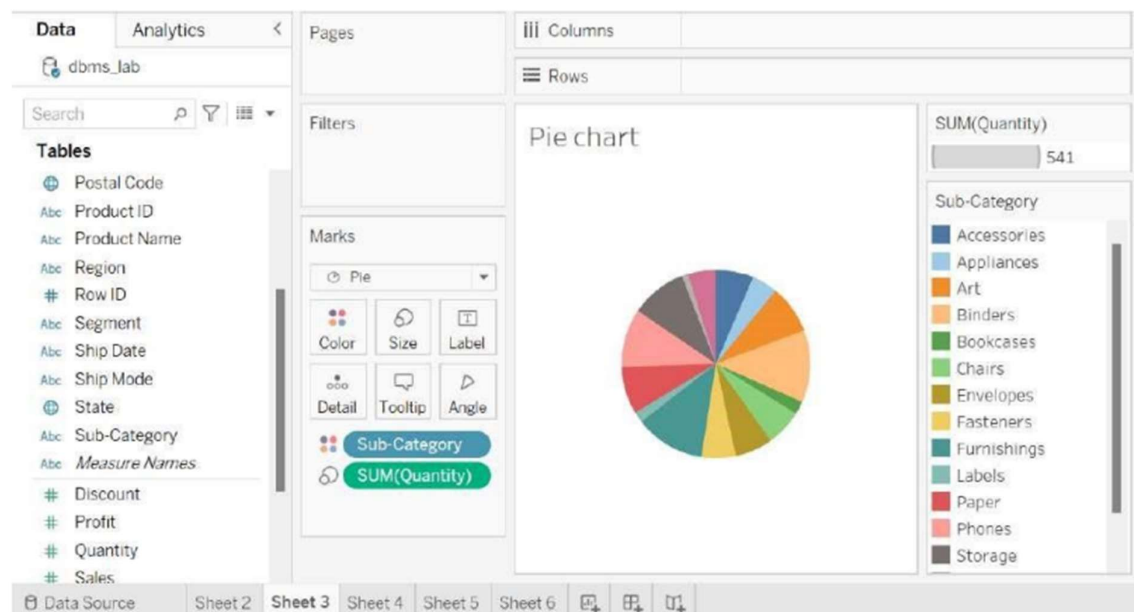
4) Tree map



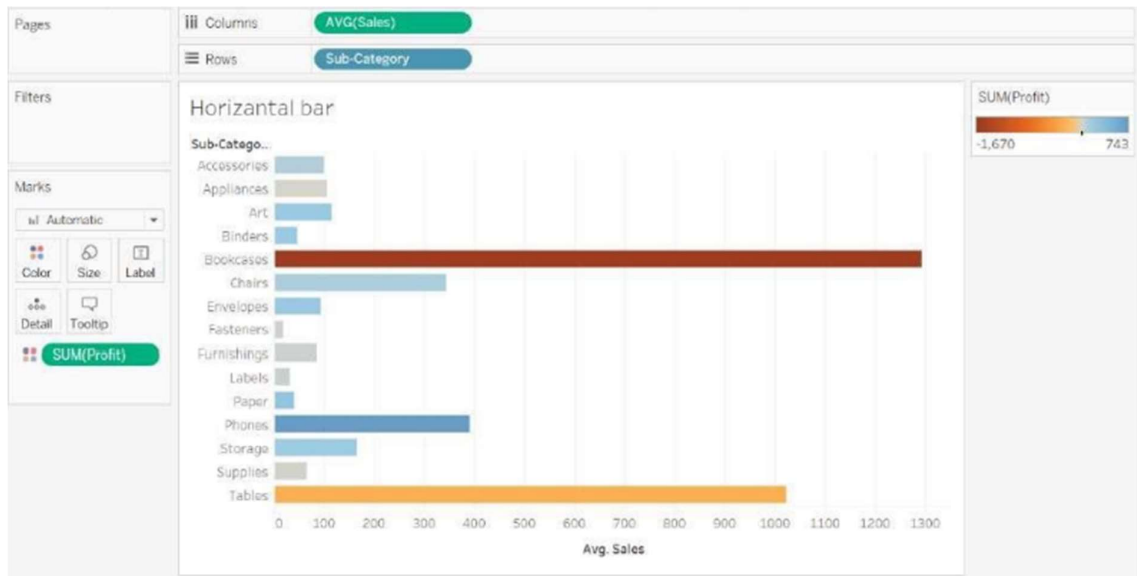
5) Heat Map



6) Pie chart

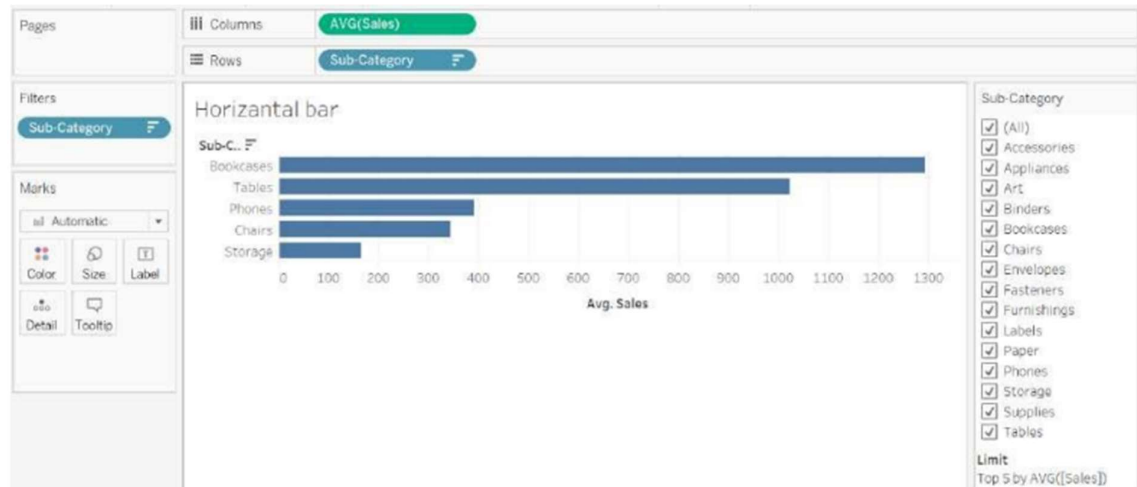


7) Horizontal bar chart

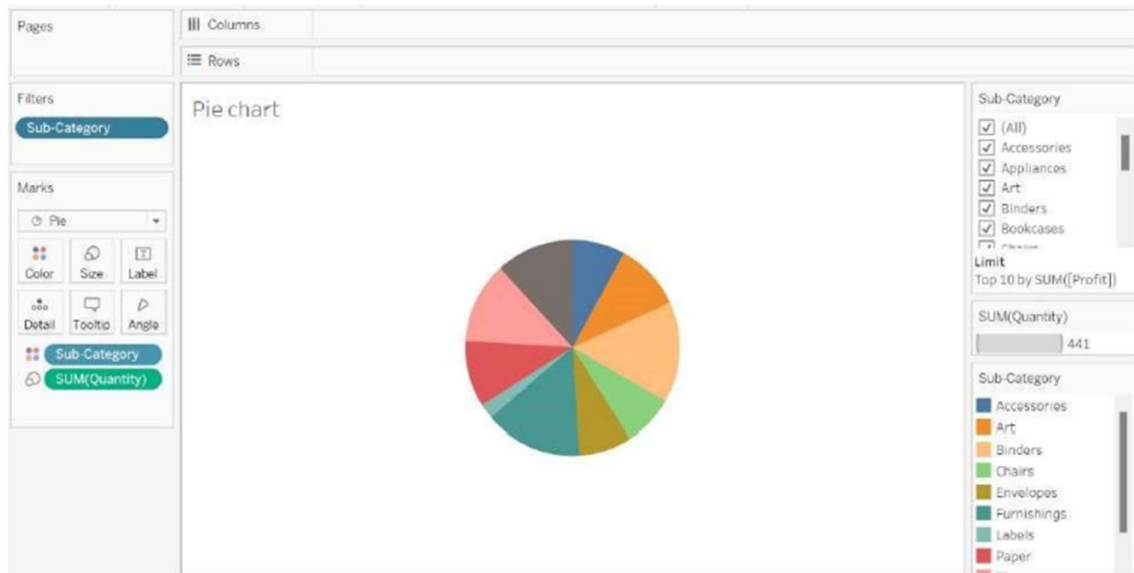


- Apply dimension filter, context and measure filter on any of the three Visualizations.

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

Abc Customer Name

Location

Country/Region

Region

State/Province

City

Postal Code

Pages	Columns
	Rows
	Country
	State

Sheet 10			
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	

Sheet 10			
Country	State	City	
United States	Alabama	Decatur	4
	Arizona	Gilbert	12
		Phoenix	9
		Los Angeles	73
	California	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
	Indiana	Orland Park	5
		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:

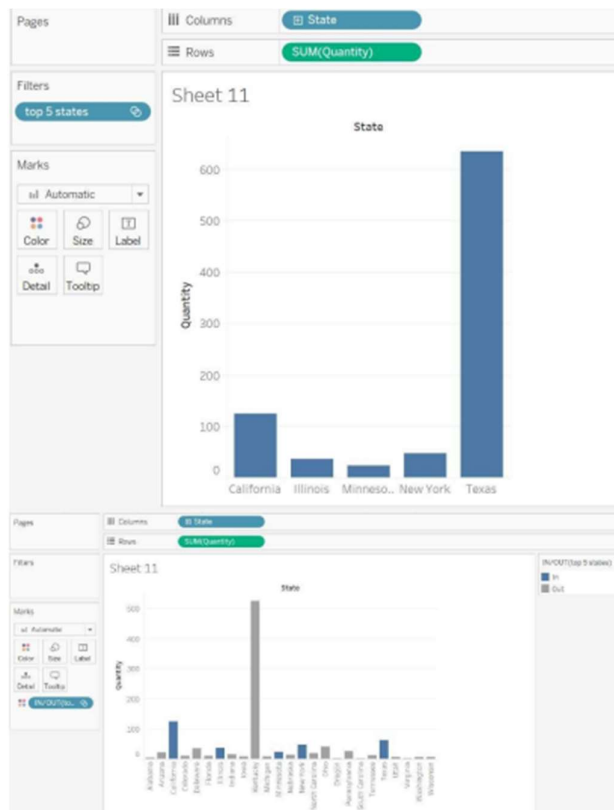
Top 5 by

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

