Assignment -2

Name – Abhinav u

Reg No - 20BCY10096

Campus - Bhopal

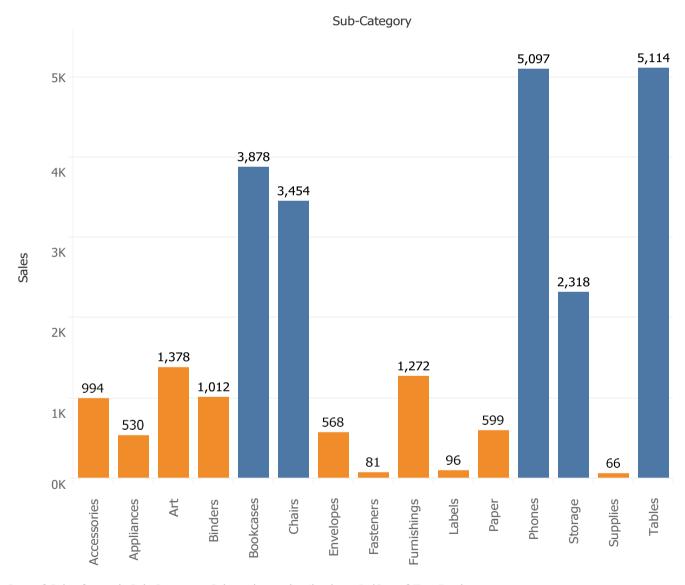
Course – Data Analytics

In/Out of Top 5 sales
In
Out

Sub-category vs Sales (Bar Chart)

Created a set

The blue color shows the set of top-5 sales



Sum of Sales for each Sub-Category. Colour shows details about In/Out of Top 5 sales.

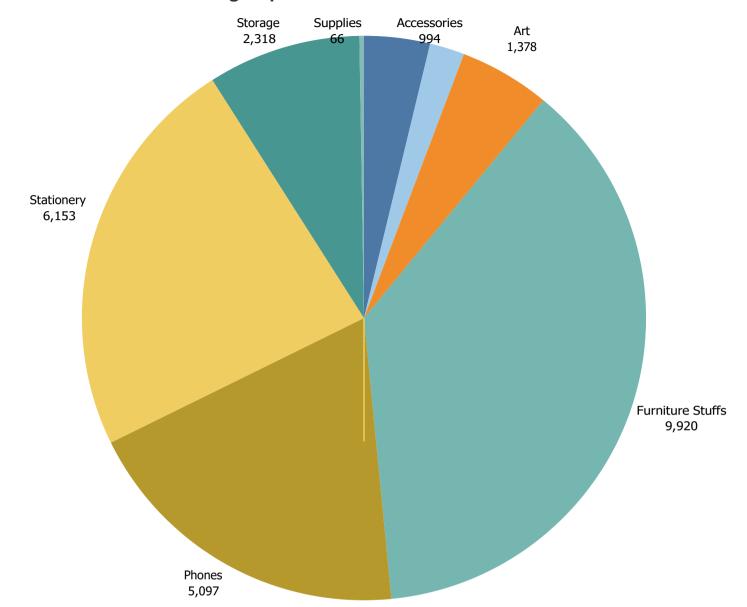
Map using dimension filter

Showing sales in East Region



Map based on Longitude (generated) and Latitude (generated). Colour shows sum of Sales. Details are shown for StateandCity. The data is filtered on Region, which keeps East.

Piechart using Group function Stationery and Furniture stuff are the 2 groups created



Sub-Category (group) and sum of Sales. Colour shows details about Sub-Category (group). The marks are labelled by Sub-Category (group) and sum of Sales.



Horizontal Barchart using context filter

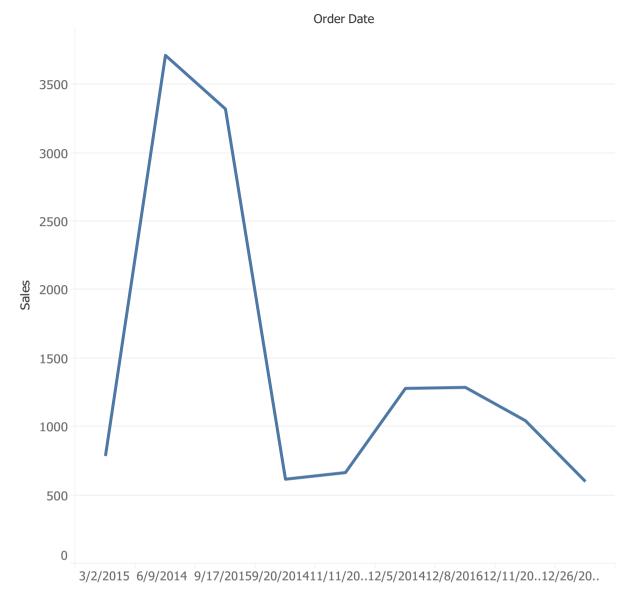
Top-5 sub-category



Sum of Profit for each Sub-Category. Colour shows details about Sub-Category. The view is filtered on Sub-Category, which keeps Art, Binders, Envelopes, Paperand Phones.

Line Chart using measure filter

Avg ales between 500-3000



The trend of sum of Sales for Order Date. The data is filtered on average of Sales, which ranges from 500 to 1,000.

Sub-category vs Quantity (Treemap)

Binders	Storage	Accessories	Envelopes		Chairs	Quantity 6
Furnishings	Art					
		Fasteners		Applianc	es	
Phones	Paper			Bookcas	es	
		Tables		Dooreas		
				Labels		

Sub-Category. Colour shows sum of Quantity. Size shows sum of Quantity. The marks are labelled by Sub-Category.

Heat Map

		Region			Sales	
Sub-Catego	Central	East	South	West	_ 3	
Accessories	•	•	•		1,000	
Appliances					2,000	
Art			•		3,000	
Binders					3,538	
Bookcases					Duesth	
Chairs					Profit	
Envelopes					-1,665	491
Fasteners				•	1,000	.51
Furnishings						
Labels				•		
Paper						
Phones			•			
Storage				•		
Supplies						
Tables					_	

Sum of Profit (colour) and sum of Sales (size) broken down by Region vs. Sub-Category.



Create a hierarchy

Category	Sub-Catego.	. Country	City	
Furniture	Bookcases	United States	Henderson	262
			Houston	532
			Philadelphia	3,083
	Chairs	United States	Chicago	213
			Columbia	302
			Henderson	732
			Houston	813
			Los Angeles	81
			Memphis	832
			New Albany	90
			Philadelphia	71
			Troy	319
	Furnishings	United States	Aurora	102
			Houston	19
			Los Angeles	367
			Memphis	97
			Minneapolis	53
			New Albany	6
			New York City	138
			Philadelphia	207
			Richardson	191
			Roseville	43
			Wilmington	47
	Tables	United States	Bloomington	618
			Fort Lauderdale	958
			Los Angeles	1,706
			Orem	1,045
				788
Office	Appliances	United States	Seattle	208
Supplies	Арриансез	Officed States	Decatur	69
			Fort Worth	60
			Fremont	115
			Los Angeles	78
	Λ ret-	Llate d Charac	Saint Paul	3
	Art	United States	Charlotte	
			Fremont	19
			Gilbert	1,113
			Los Angeles	27
			Philadelphia	102
			Roseville	12
			San Francisco	23
			Troy	2
			Urbandale	76
	Binders	United States	Bristol	158
			Chicago	2
			Decatur	17
			Eagan	17

Sum of Sales broken down by Category, Sub-Category, Country and City.

Create a hierarchy

Office Supplies Binders United States Supplies Fort Worth Houston 1 Los Angeles 56 Minneapolis 33 New Albany 38 New Albany 38 New York City 5 Philadelphia 10 Phoenix 2 Portland 6 Roseville 76 San Francisco 74 Seattle 408 Troy 48 Urbandale 27 Wilmington 31 Envelopes United States Columbus 135 Durham 201 Houston 113 Philadelphia 3 Wilmington 115 Fasteners United States Columbus 62 New York City 15 Roseville 4 New York City 15 Roseville 4 New York City 15 Roseville 4 New Houston 15 New Albany 75 Rochester 6 Columbus 102 Concord 16 Houston 19 Jackson 19 Jackson 19 Jackson 19 Los Angeles 153 Minneapolis 13 Rochester 24 Roseville 55 Springfield 76 Troy 47 Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 966 Memphis 73 Phoenix 244	Category	Sub-Catego	Country	City	
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Minneapolis 33 New Albany 38 New York City 5 Philadelphia 10 Phoenix 2 Portland 6 Roseville 76 San Francisco 74 Seattle 408 Troy 48 Urbandale 27 Wilmington 31 Envelopes United States Columbus 135 Durham 201 Houston 113 Philadelphia 3 Wilmington 115 Fasteners United States Columbus 62 New York City 15 Roseville 4 Labels United States Los Angeles 15 New Albany 75 Rochester 6 Paper United States Chicago 65 Columbus 102 Concord 16 Houston 29 Jackson 19 Los Angeles 153 Minneapolis 13 Rochester 24 Roseville 55 Springfield 76 Troy 47 Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 96 Memphis 73 Phoenix 244	Supplies			Houston	1
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New York City				Minneapolis	33
Philadelphia 10 Phoenix 2 Portland 6 Roseville 76 San Francisco 74 Seattle 408 Troy 48 Urbandale 27 Wilmington 31 Houston 113 Philadelphia 3 Wilmington 115 Roseville 4 Labels United States Columbus 62 New York City 15 Roseville 4 Labels United States Los Angeles 15 New Albany 75 Rochester 6 Columbus 102 Concord 16 Houston 19 Los Angeles 153 Minneapolis 13 Rochester 24 Roseville 55 Springfield 76 Troy 47 Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 96 Memphis 73 Phoenix 244 Poenix 244 Poe				New Albany	38
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Roseville 76 San Francisco 74 Seattle 408 Troy 48 Urbandale 27 Wilmington 31 Envelopes United States Columbus Durham 201 Houston 113 Philadelphia 3 Wilmington 115 Roseville 4 Labels United States Columbus 62 New York City 15 Roseville 4 Labels United States Los Angeles 15 New Albany 75 Rochester 6 Columbus 102 Concord 16 Houston 29 Jackson 19 Los Angeles 153 Minneapolis 134 Roseville 55 Springfield 76 Troy 47 Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 96 Memphis 73 Phoenix 244 Poserix 244 Posenix 244 Posen				Phoenix	2
San Francisco 74				Portland	6
Seattle				Roseville	76
Troy				San Francisco	74
Urbandale 27 Wilmington 31				Seattle	408
Numington 31				Troy	48
Envelopes				Urbandale	27
Durham 201				Wilmington	31
Houston		Envelopes	United States	Columbus	
Philadelphia 3 Wilmington 115				Durham	
Wilmington 115				Houston	113
Fasteners United States Columbus Roseville A				Philadelphia	
New York City Roseville 4	-				
Roseville					
Labels United States Los Angeles 15 New Albany 75 Rochester 6 Paper United States Chicago 65 Columbus 102 Concord 16 Houston 29 Jackson 19 Los Angeles 153 Minneapolis 13 Rochester 24 Roseville 55 Springfield 76 Troy 47 Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 96 Memphis 73 Phoenix 244					
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Roseville 55 Springfield 76 Troy 47					
Springfield 76 Troy 47					
Storage United States Chicago 230 Fort Lauderdale 22 Houston 186 Los Angeles 78 Madison 666 Melbourne 96 Memphis 73 Phoenix 244					
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Melbourne96Memphis73Phoenix244				_	
Memphis 73 Phoenix 244					
Phoenix 244					
				-	
Sall Hallelsee 21				San Francisco	21

Sum of Sales broken down by Category, Sub-Category, Country and City.

Create a hierarchy

Category	Sub-Catego	Country	City	
Office	Storage	United States	Troy	209
Supplies			West Jordan	56
			Westland	212
			Wilmington	227
	Supplies	United States	Roseville	66
Technology	Accessories	United States	Aurora	239
			Charlotte	74
			Chicago	96
			Dover	45
			Eagan	46
			Los Angeles	105
			Orland Park	340
			Rochester	20
			Troy	30
	Phones	United States	Charlotte	28
			Columbus	60
			Dover	22
			Gilbert	168
			Houston	371
			Los Angeles	1,892
			Naperville	147
			New York City	1,030
			Richardson	1,098
			San Francisco	213
			Wilmington	68

Sum of Sales broken down by Category, Sub-Category, Country and City.