

ASSIGNMENT-2

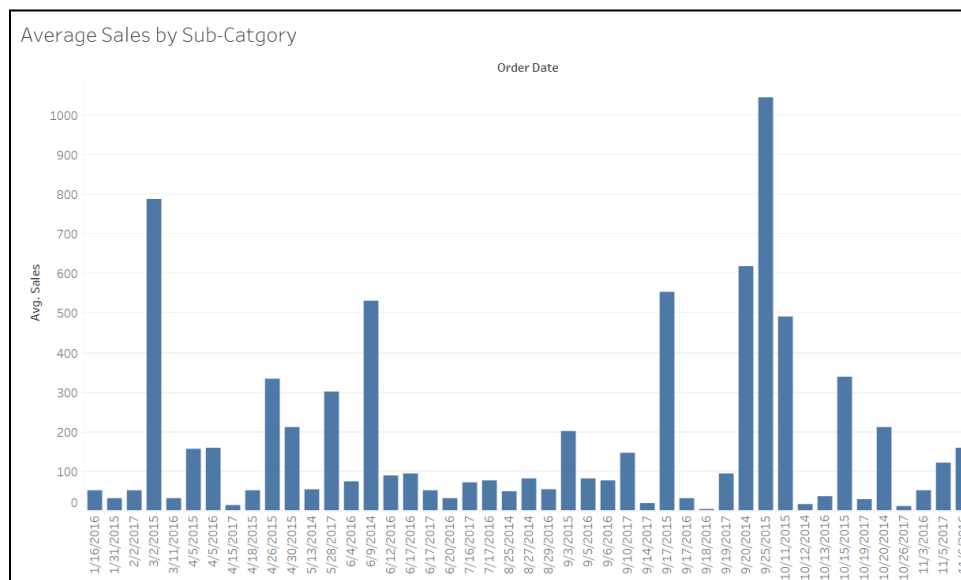
NAME: SHASHANK KUMAR AMANANA

CAMPUS: VIT VELLORE

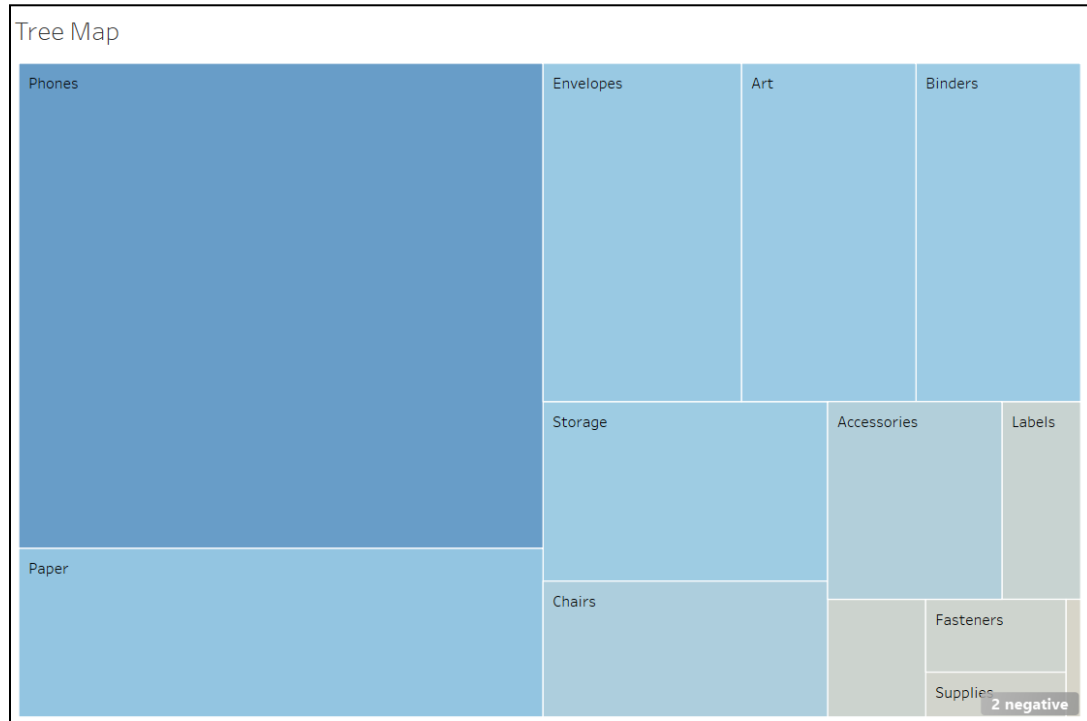
REGNO: 20BCE2028

1) Create any 7 data visualizations/charts and perform the following

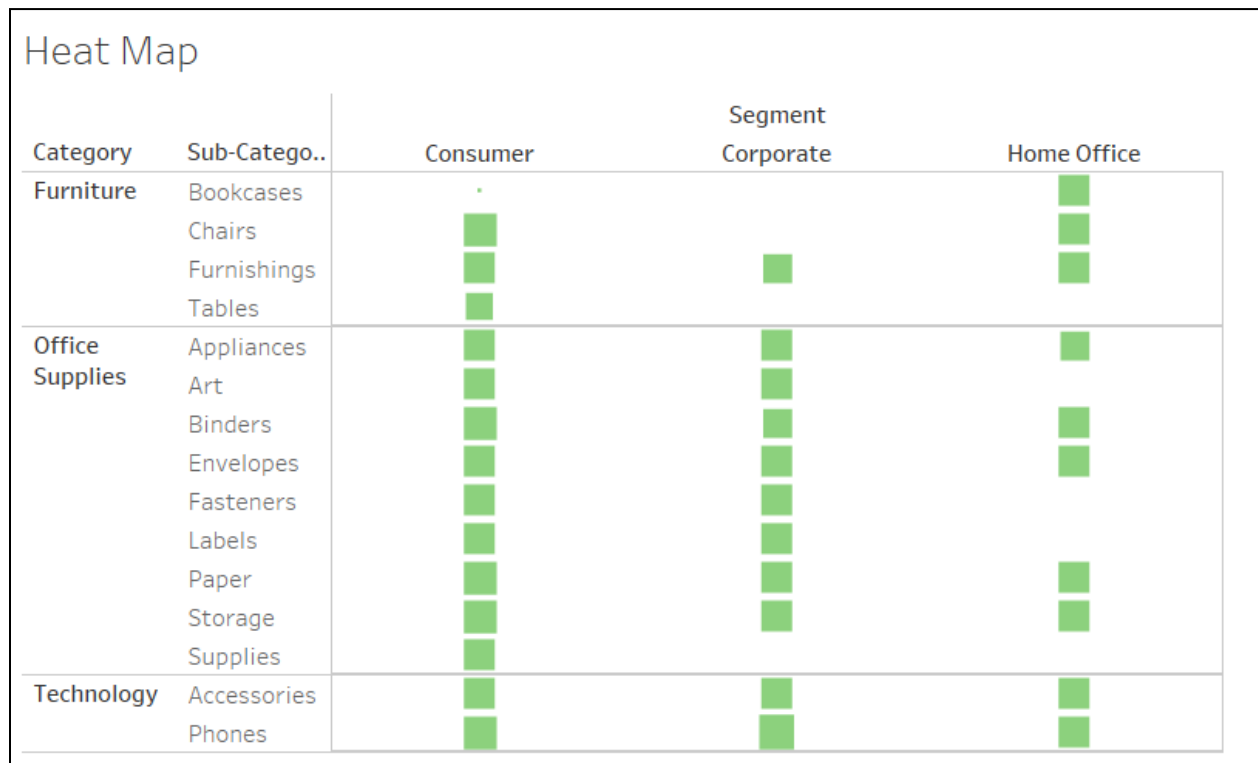
- Bar chart



- **Tree map**

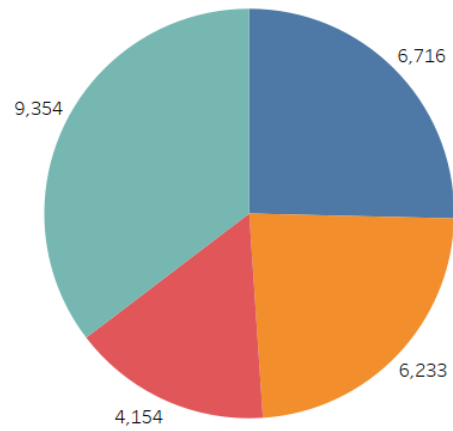


- **Heatmap**



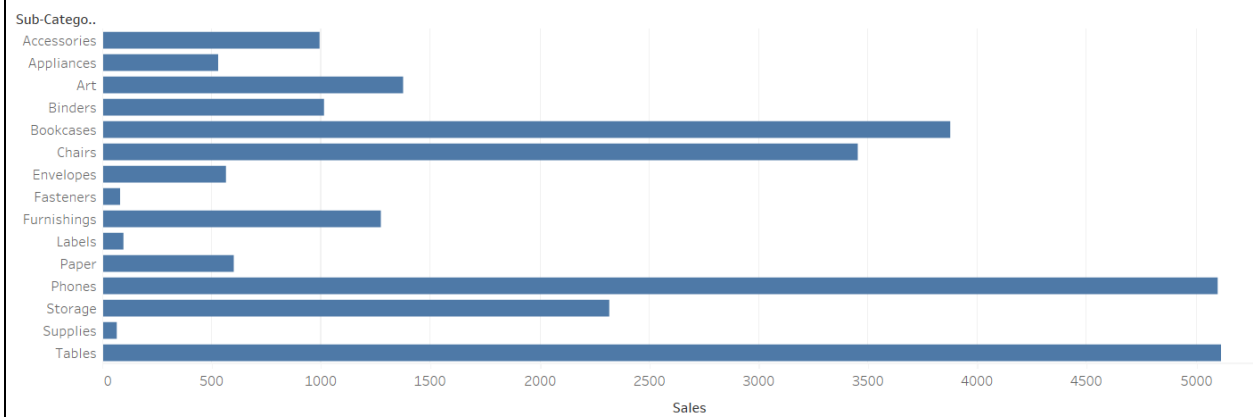
- **Pie chart**

Pie Chart

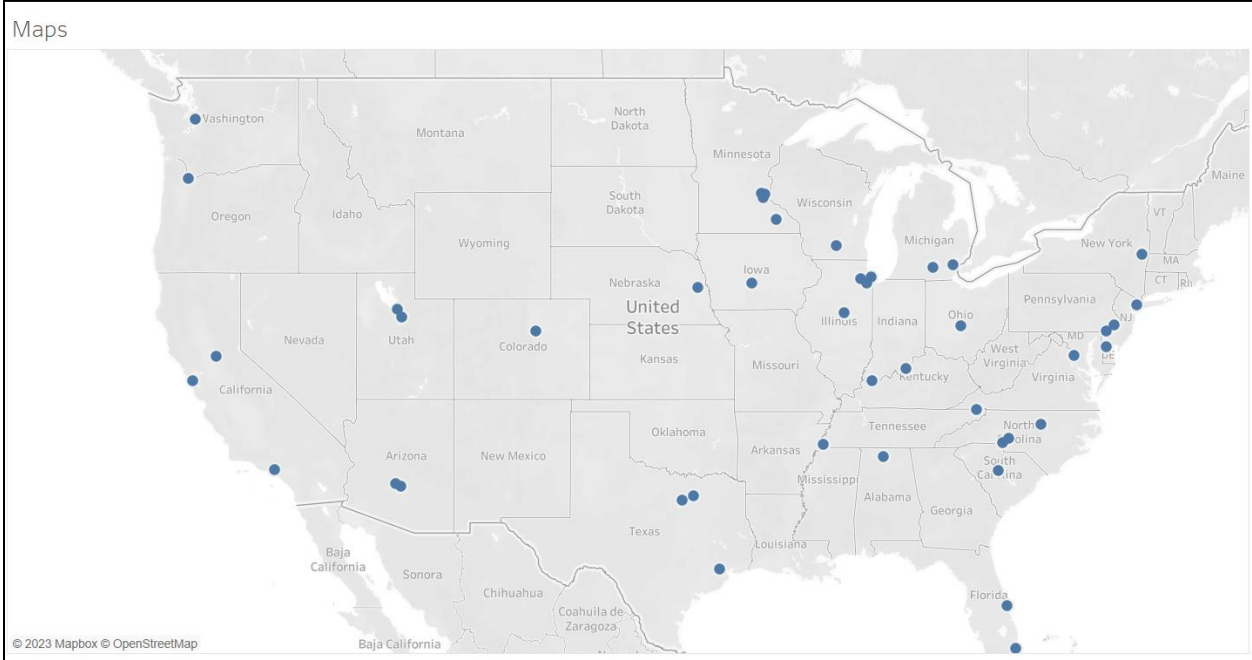


- **Horizontal bar chart**

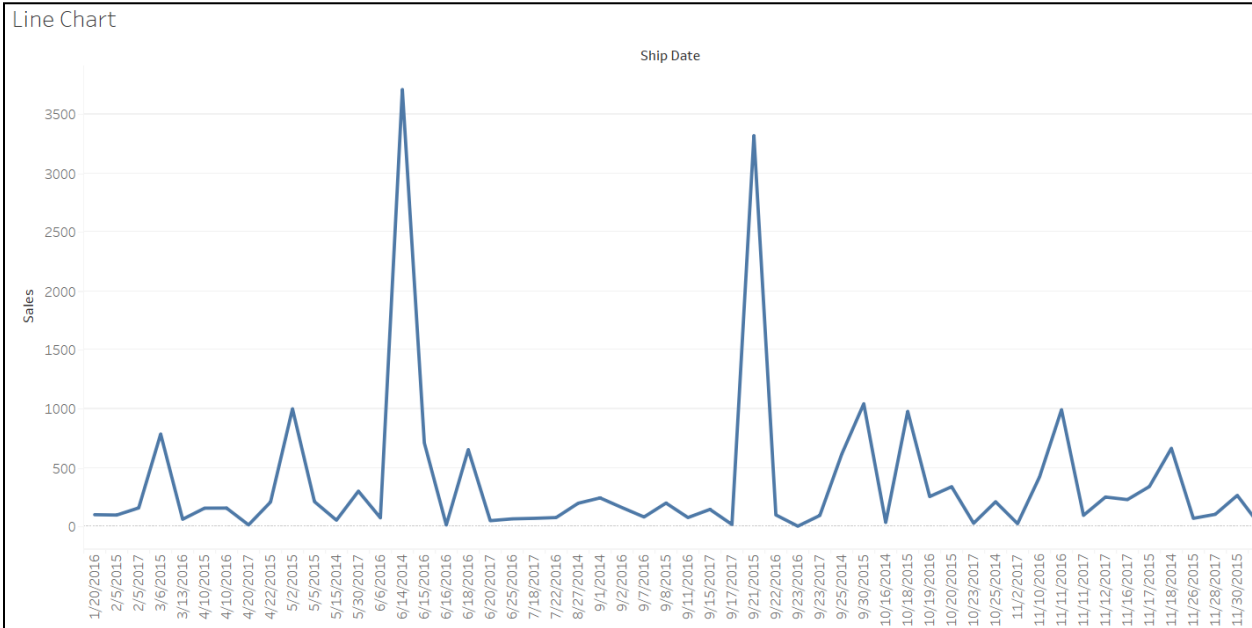
Horizontal Bar Graph



- **Map**



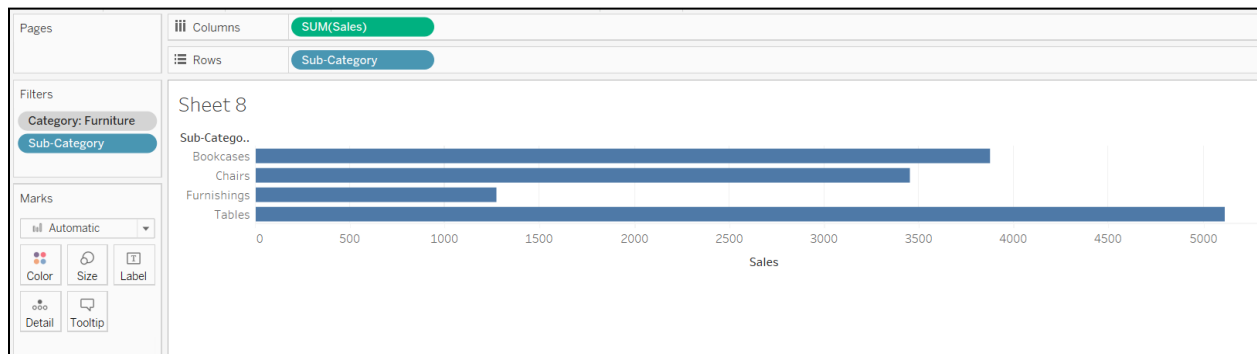
- **Line Chart**



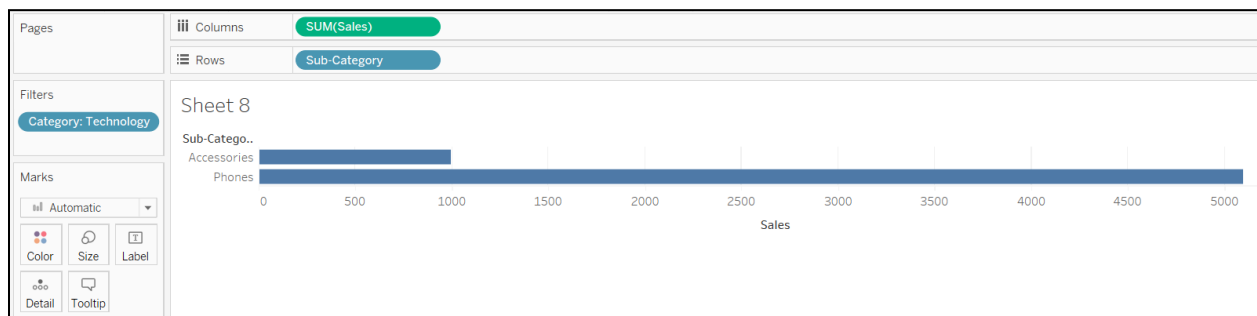
2) Apply dimension filter, context and measure filter on any of the three visualizations

Horizontal Bar Chart

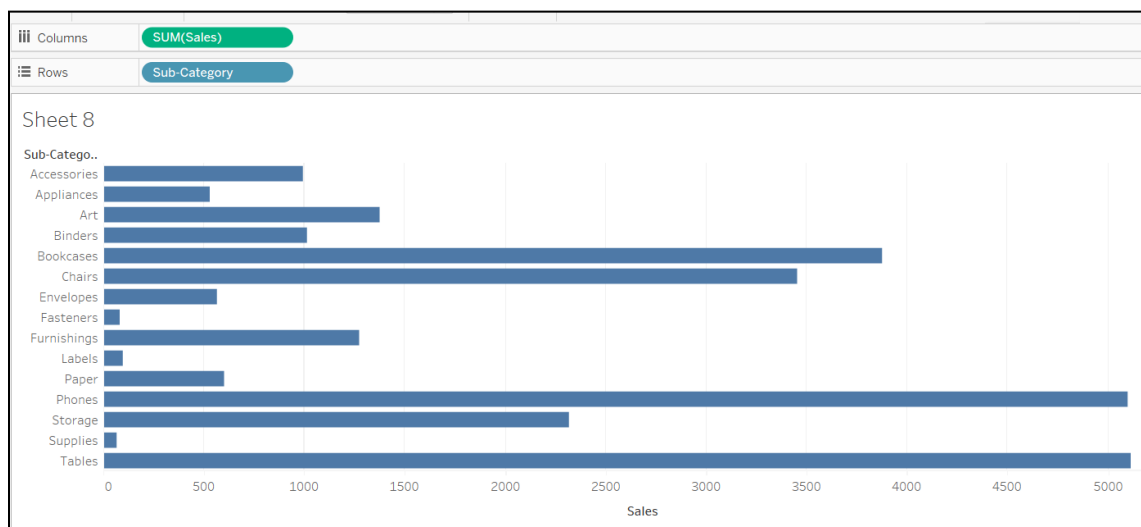
- Context Filter:



- Dimension Filter:

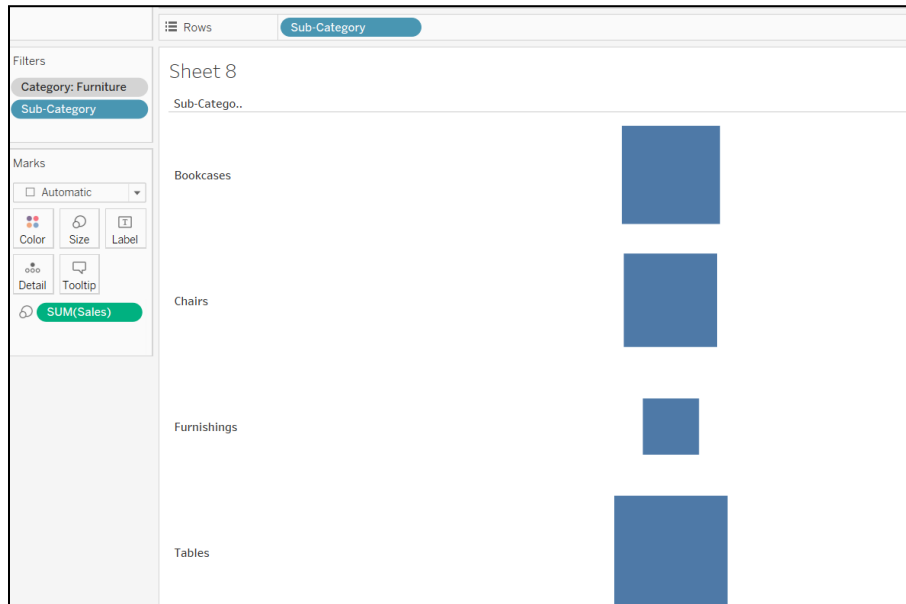


- Measure Filter:

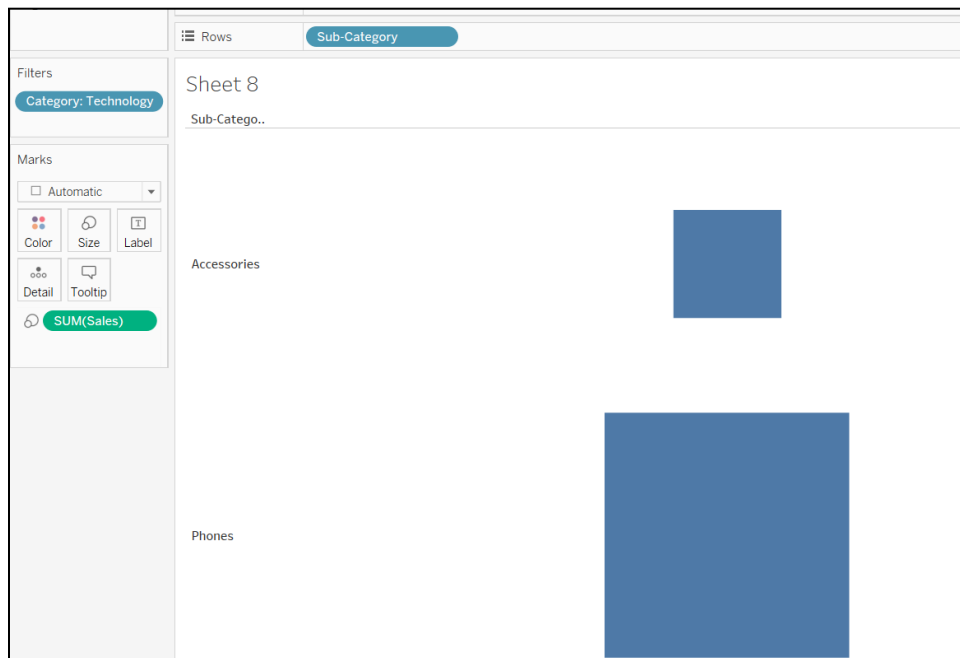


Heat Map

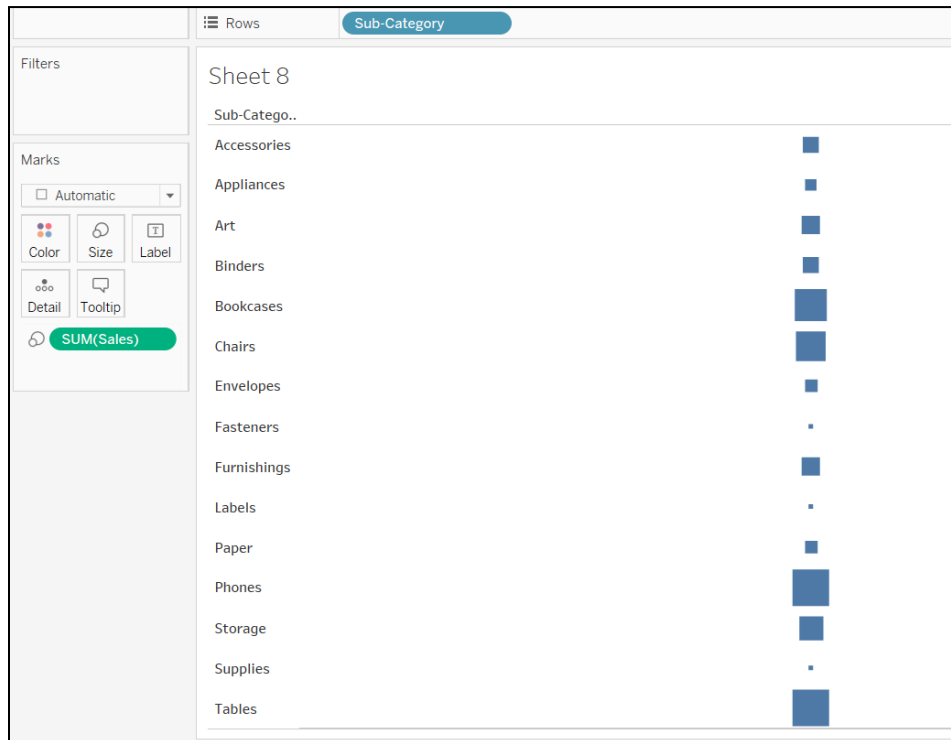
- **Context Filter:**



- **Dimension Filter:**



- **Measure Filter:**



Tree Map

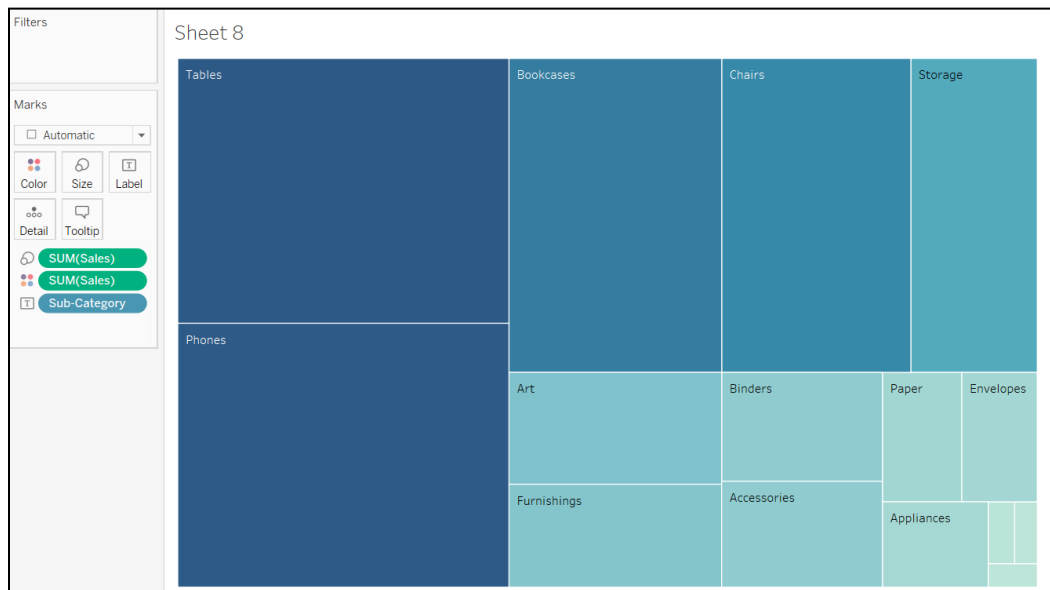
- **Context Filter:**



- **Dimension Filter:**

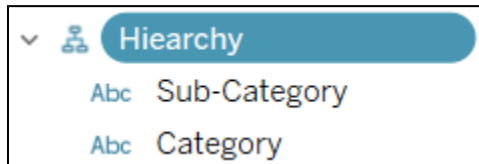


- **Measure Filter:**



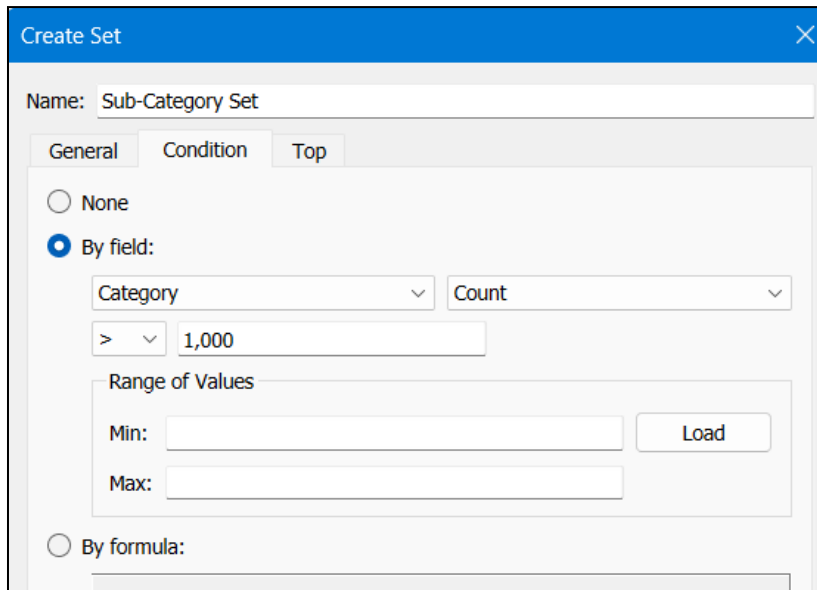
3) Perform the following data manipulations on your dataset

- create a Hierarchy



Columns		
Rows		
		Sub-Category
		Category
Sheet 9		
Sub-Catego..	Category	
Accessories	Technology	
Appliances	Office Supplies	
Art	Office Supplies	
Binders	Office Supplies	
Bookcases	Furniture	
Chairs	Furniture	
Envelopes	Office Supplies	
Fasteners	Office Supplies	
Furnishings	Furniture	
Labels	Office Supplies	
Paper	Office Supplies	
Phones	Technology	
Storage	Office Supplies	
Supplies	Office Supplies	
Tables	Furniture	

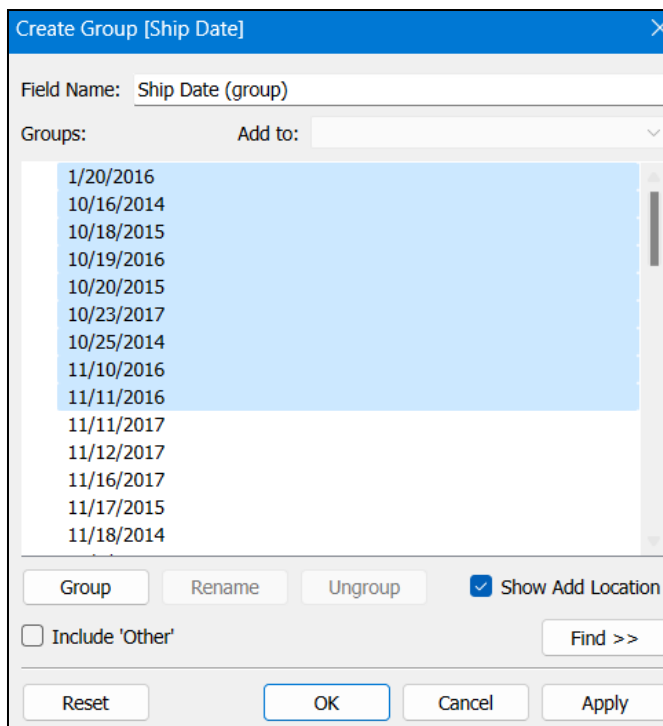
- create a set



The 'Create Set' dialog box has a blue title bar with a close button. The 'Name' field contains 'Sub-Category Set'. There are three tabs: 'General' (selected), 'Condition', and 'Top'. Under 'General', the 'None' radio button is unselected, and the 'By field:' radio button is selected. Below 'By field:', there are two dropdown menus: 'Category' and 'Count'. Below these is a comparison operator dropdown set to '>' and a text input field containing '1,000'. A 'Range of Values' section contains 'Min:' and 'Max:' input fields and a 'Load' button. At the bottom, the 'By formula:' radio button is unselected.



- create a group



The 'Create Group [Ship Date]' dialog box has a blue title bar with a close button. The 'Field Name' field contains 'Ship Date (group)'. Below it is a 'Groups:' section with a list of dates: 1/20/2016, 10/16/2014, 10/18/2015, 10/19/2016, 10/20/2015, 10/23/2017, 10/25/2014, 11/10/2016, 11/11/2016, 11/11/2017, 11/12/2017, 11/16/2017, 11/17/2015, and 11/18/2014. The dates 11/10/2016 and 11/11/2016 are highlighted in blue. To the right of the list is an 'Add to:' dropdown menu. At the bottom, there are buttons for 'Group', 'Rename', 'Ungroup', and a checked checkbox for 'Show Add Location'. Below these is a 'Find >>' button. At the very bottom are buttons for 'Reset', 'OK', 'Cancel', and 'Apply'.

