

Assignment-2

- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset
 - create a Hierarchy
 - create a set
 - create a group

Note : Use 'superstore-sales' dataset

2.1) Dimension Filter

Pages

Filters

Marks

Columns

Rows

State

Automatic

Color

Size

Text

Detail

Tooltip

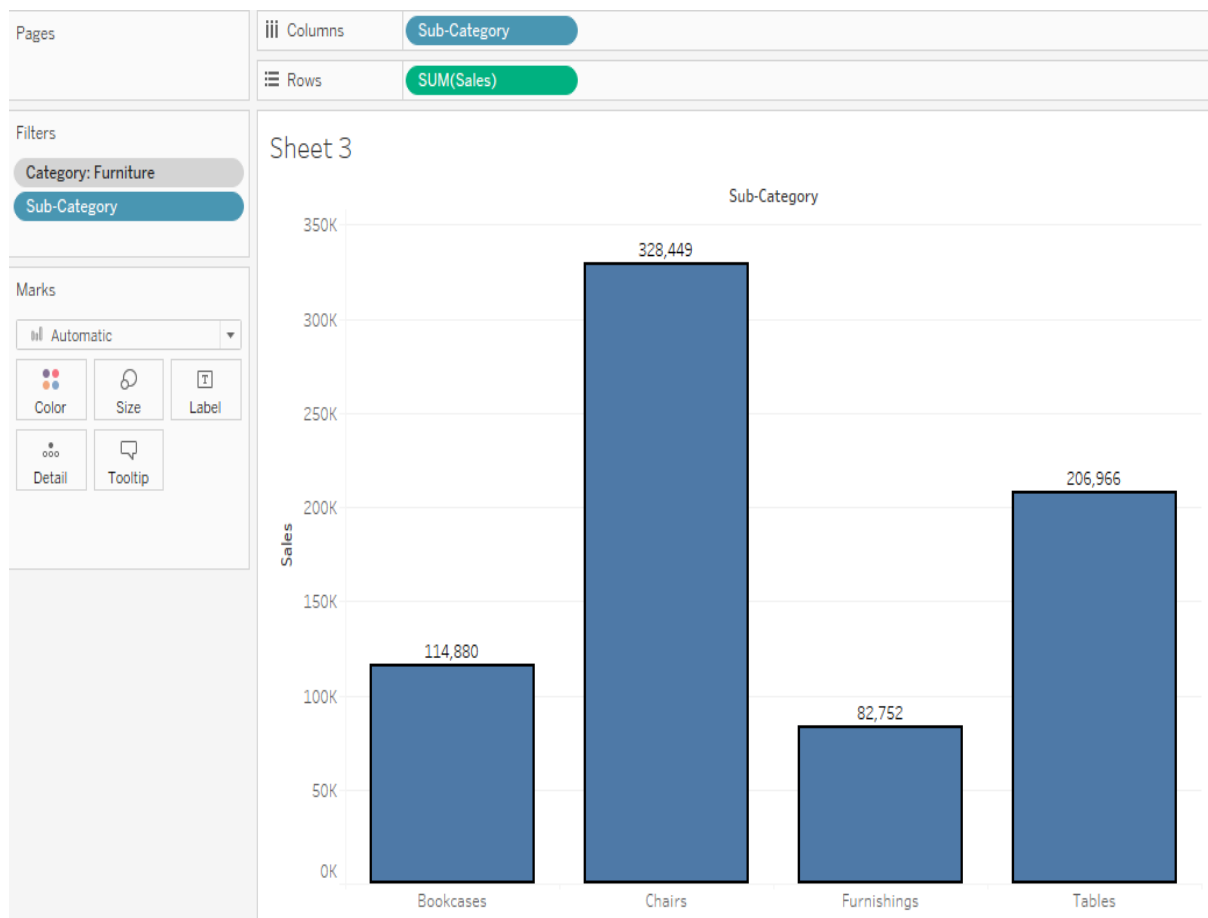
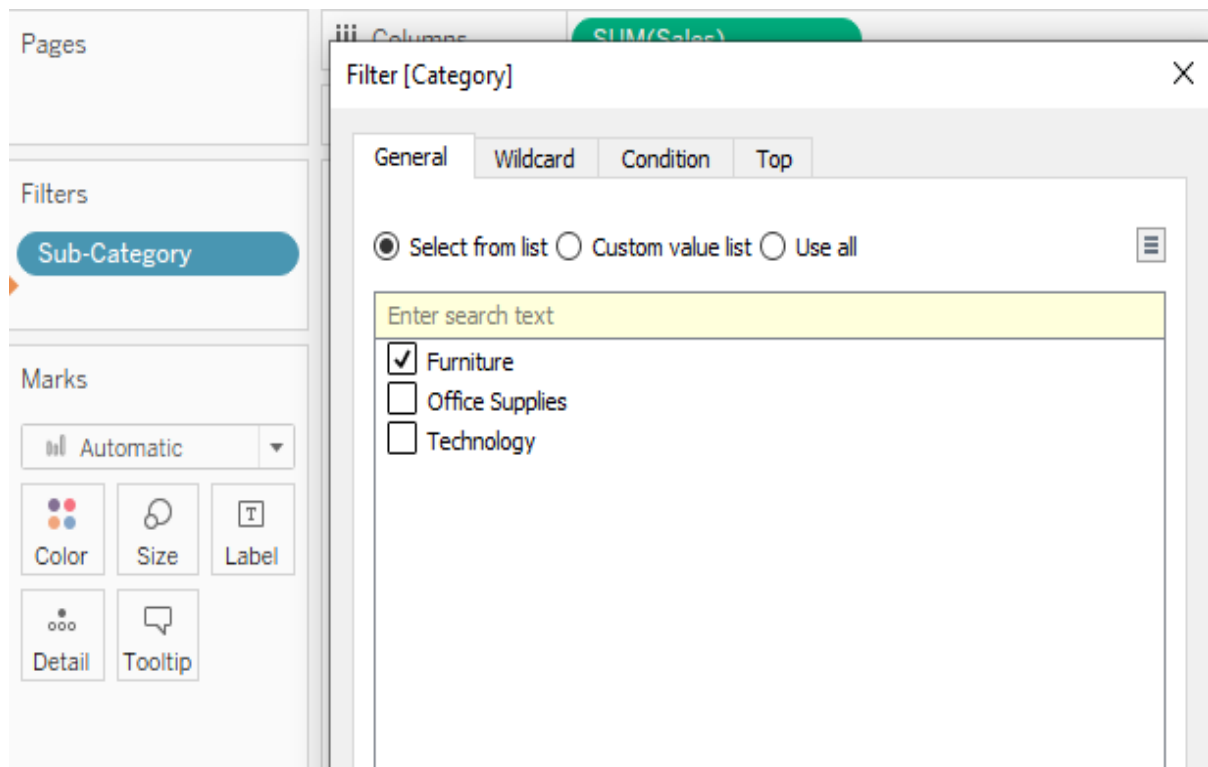
State

Sheet 4

Customer Name

Aaron Bergman	Texas Washington
Aaron Hawkins	Mississippi
Aaron Smayling	Texas Virginia
Adam Bellavance	Virginia Washington
Adam Hart	Nevada Tennessee Texas
Adam Shillingsburg	Texas Virginia
Adrian Barton	Texas
Adrian Hane	Texas
Adrian Shami	Washington
Aimee Bixby	Texas
Alan Barnes	Tennessee Washington
Alan Dominguez	Connecticut Texas
Alan Haines	Florida
Alan Hwang	Tennessee Texas Washington
Alan Schoenberger	Alabama
Alan Shonely	Florida Virginia
Alejandro Ballentine	Mississippi Texas Washington
Alejandro Savely	Texas Washington
Aleksandra Gannaway	Nevada
Alex Avila	Texas
Alex Grayson	Texas
Alex Russell	Texas
Alice McCarthy	Texas
Allen Arnold	Tennessee

2.2) Context Filter



2.3) Measure Filter

Filter [Quantity] ✕

Range of values **At least** **At most** **Special**

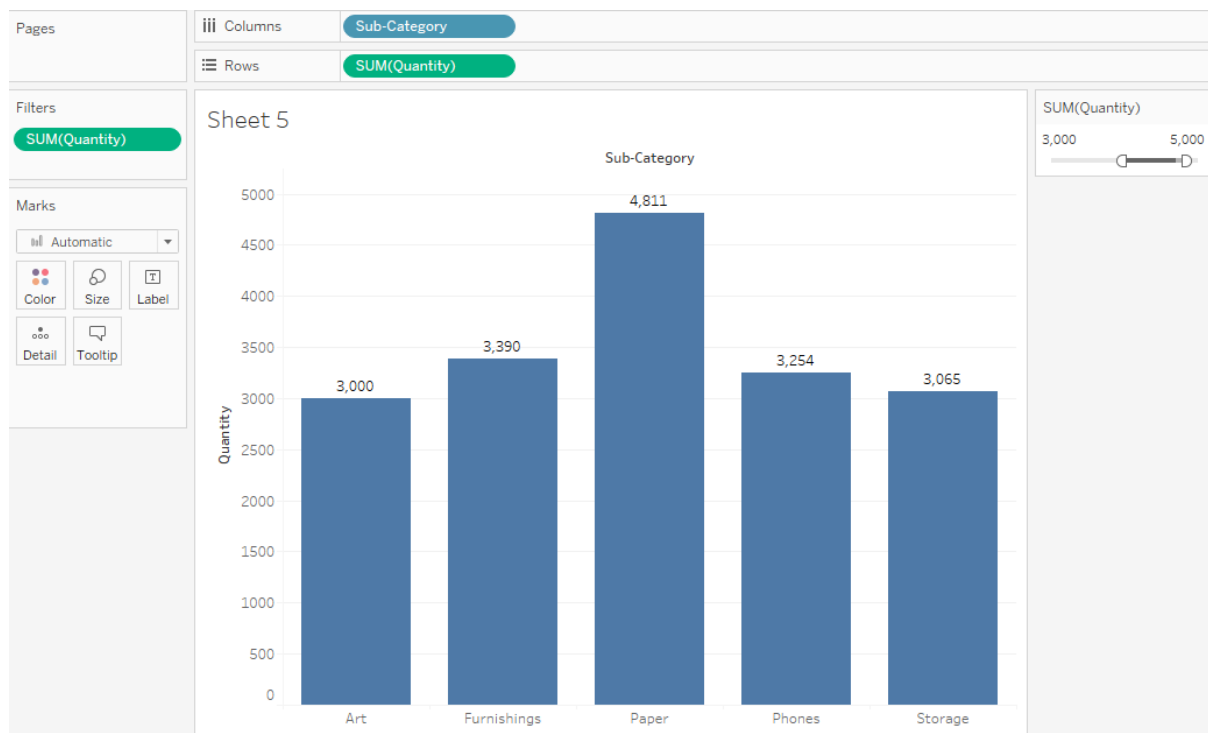
Range of values

3,000 5,000

234 5,614

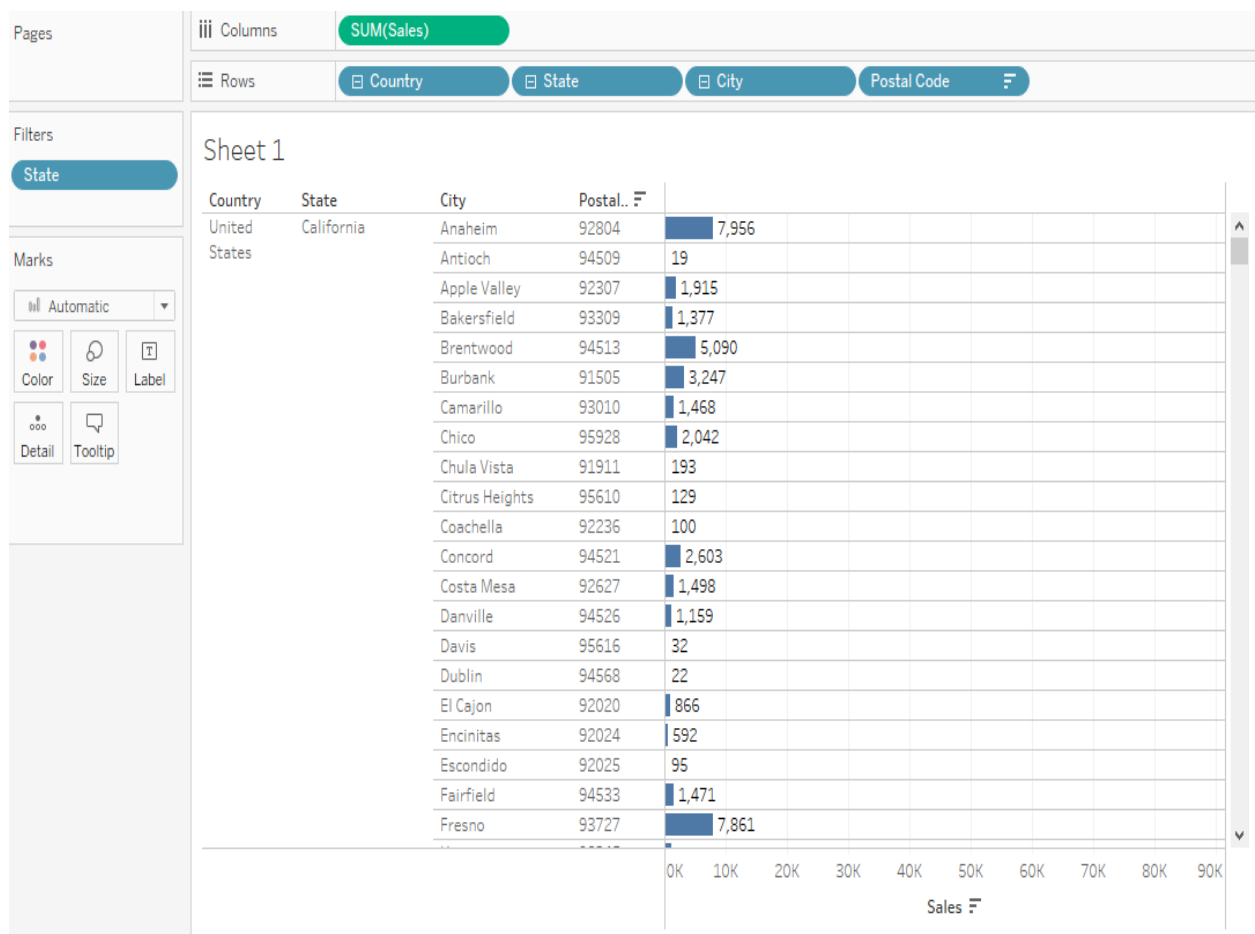
Show: **Only Relevant Values** ☐ Include Null Values

Reset **OK** **Cancel** **Apply**



3.1) Creating a Hierarchy

Country-> state->city->postal code



3.2) Creating a Set

Create Set

Name: Sub-Category Top_5 Set

General

Condition

Top

☐ None

☒ By field:

Top5bySalesSum

☐ By formula:

Top10by

Create Set

Name: Sub-Category Bot_5 Set

General

Condition

Top

☐ None

☒ By field:

Bottom5bySalesSum

☐ By formula:

Top10by

Create Set [Set 1]

Name: Sub-Category Combined

How would you like to combine the two sets?

Sets: Sub-Category Top_5 SetSub-Category Bot_5 Set

☒ All members in both sets

☐ Shared members in both sets

☐ "Sub-Category Top_5 Set" except shared members

☐ "Sub-Category Bot_5 Set" except shared members


Separate members by , East, Green Tea, 2012





OKCancel


- Abc Sub-Category
- Sub-Category Top_5 Set
- Sub-Category Bot_5 Set
- Sub-Category Combined




3.3) Creating a Group (Folder)


Folders





▼  **Location**

-  City
-  Country
-  Postal Code
- Abc Region
-  State

▼  **Product**

- Abc Category
- Abc Product ID
- Abc Product Name
- Abc Sub-Category
-  Sub-Category Top_5 Set
-  Sub-Category Bot_5 Set
-  Sub-Category Combined

▼  **Values**

-  Discount
-  Profit
-  Quantity
-  Sales

- Group

Create Group [Discount] ×

Field Name:

Groups: ▼

0
0.1
0.15
0.2
0.3
0.32
0.4
0.45
0.5
0.6
0.7
0.8

☒ Show Add Location

☐ Include 'Other'

