SmartBridge Data Analytics Assignment 2

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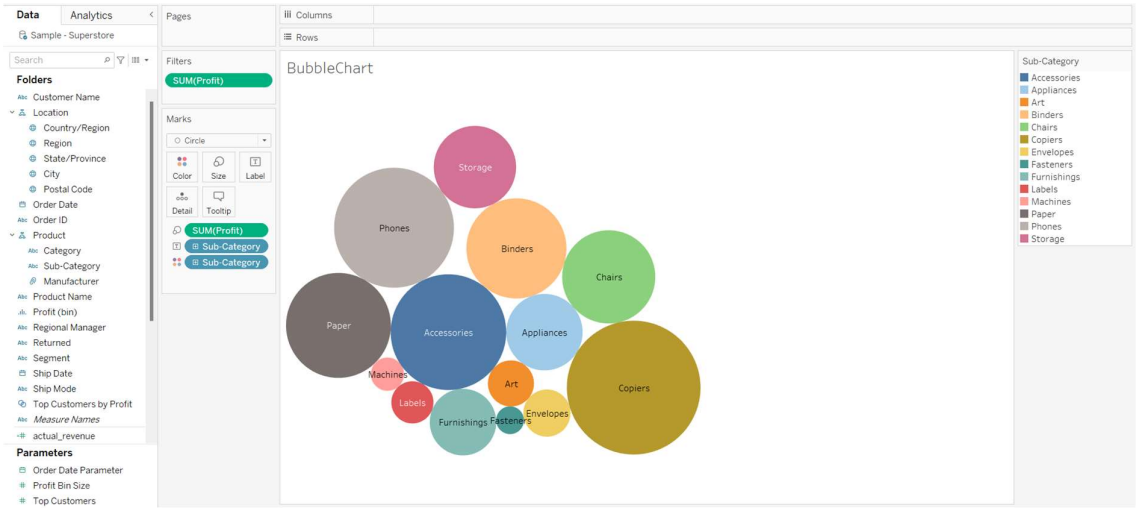
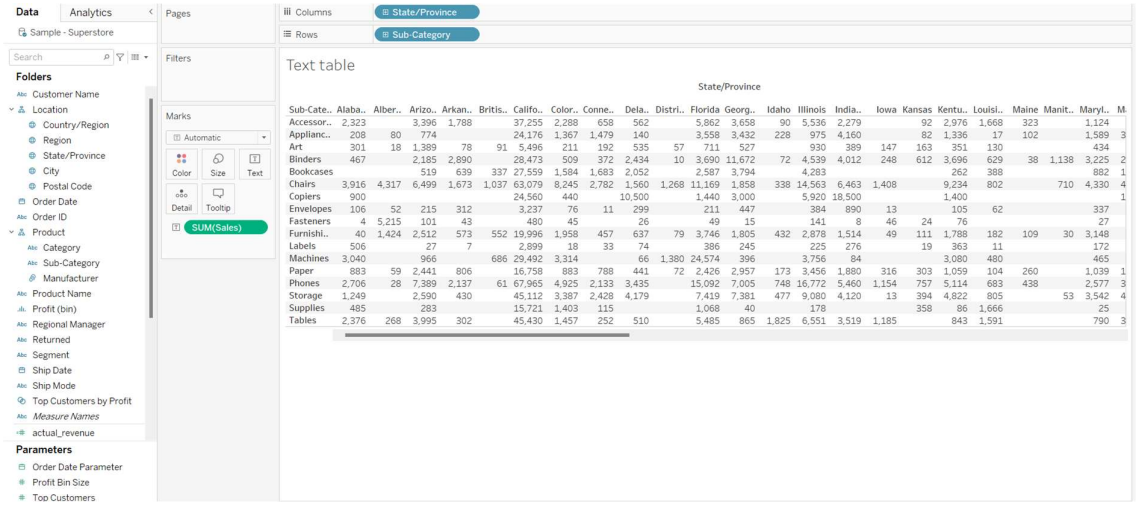
- Create any 7 data visualizations/charts

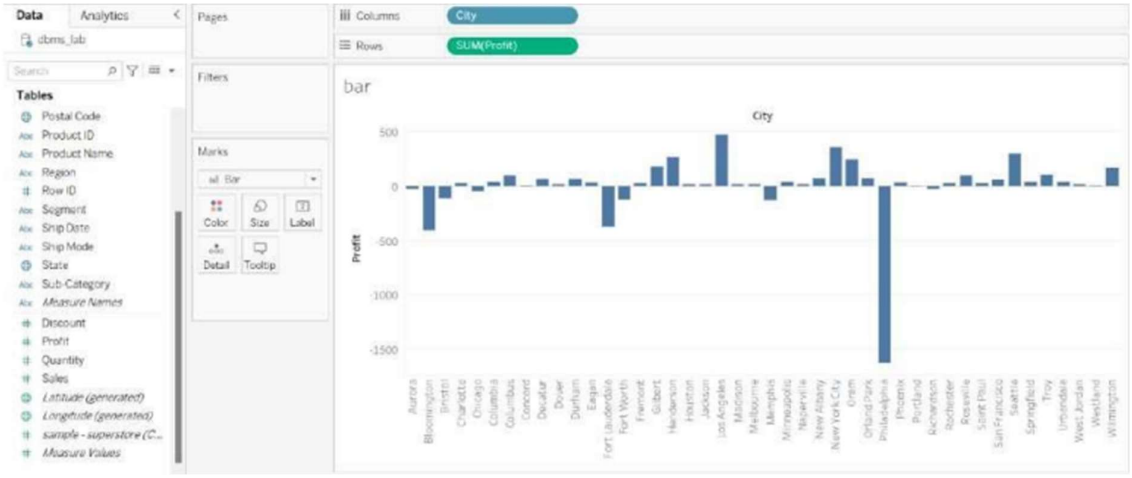
1) Bubble Chart



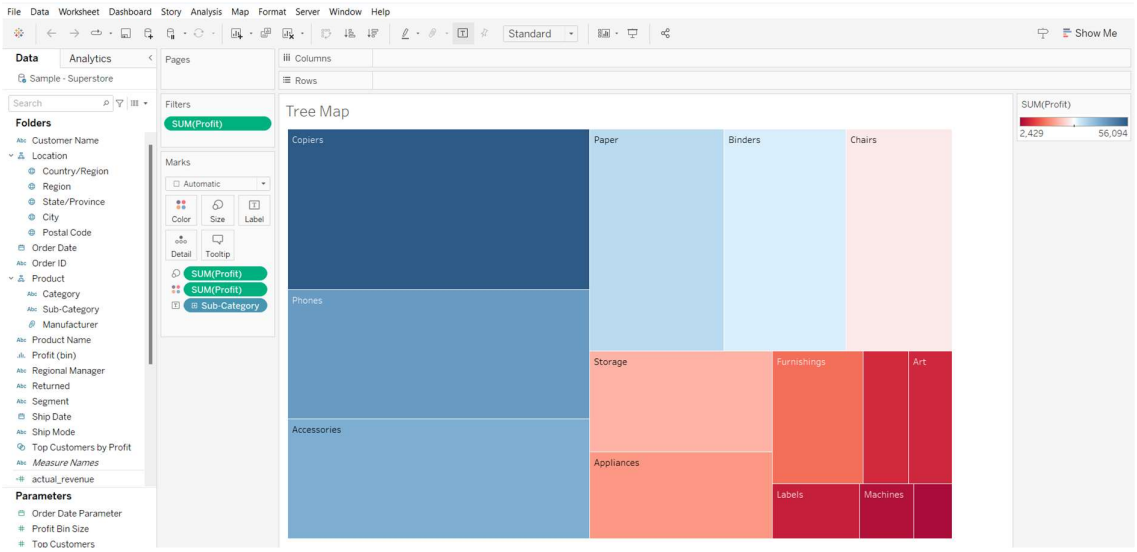
2) Table



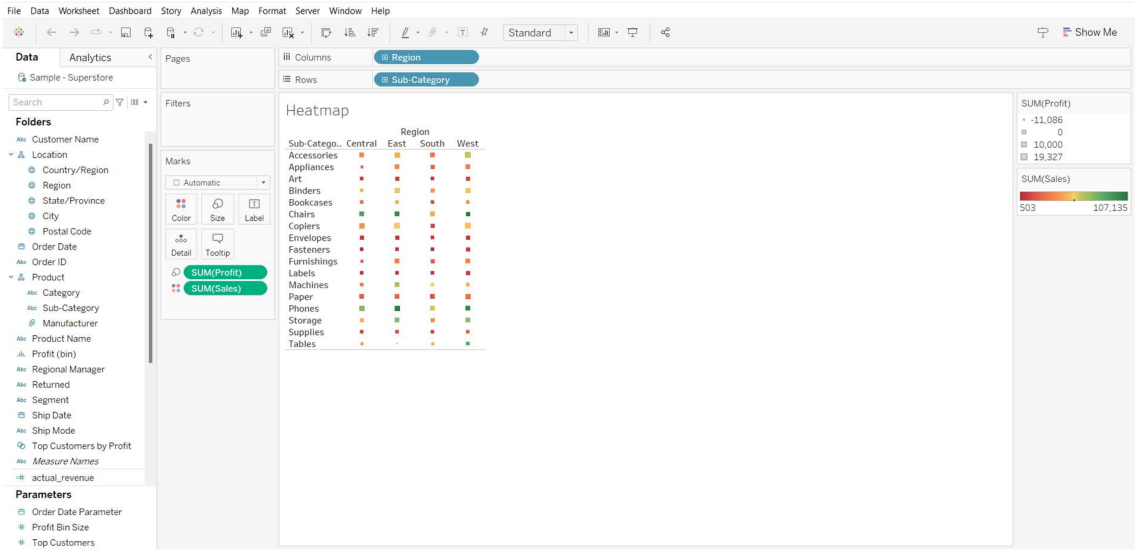
3) Bar chart



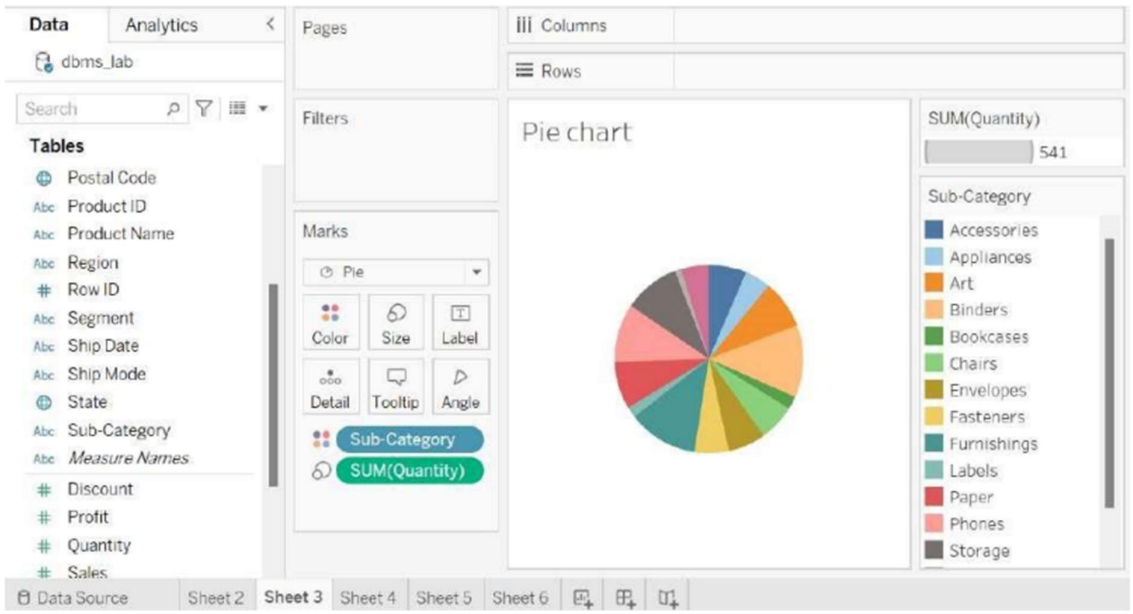
4) Tree map



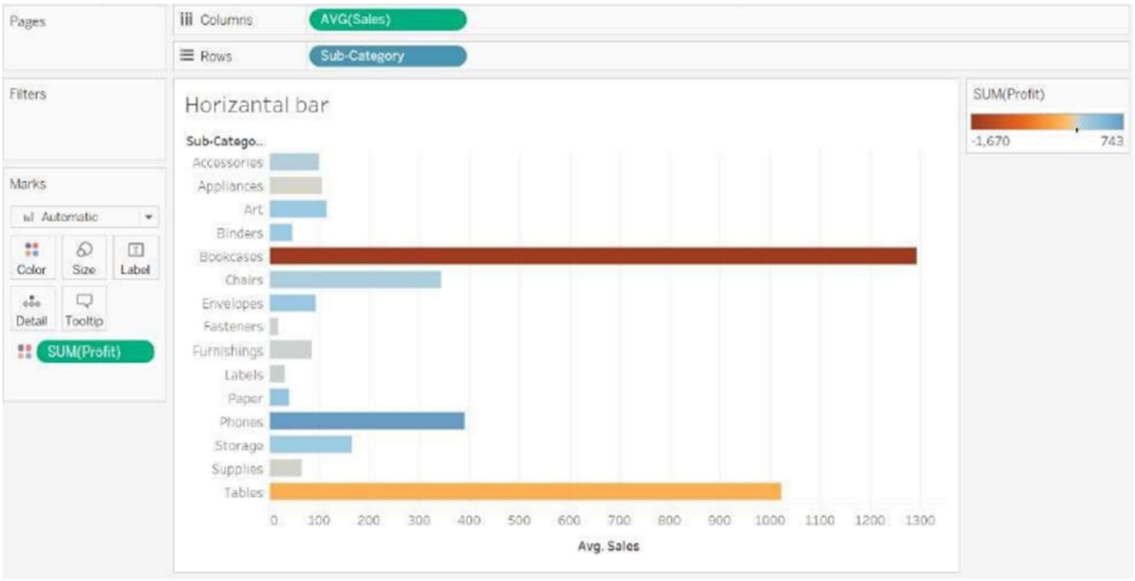
5) Heat Map



6) Pie chart

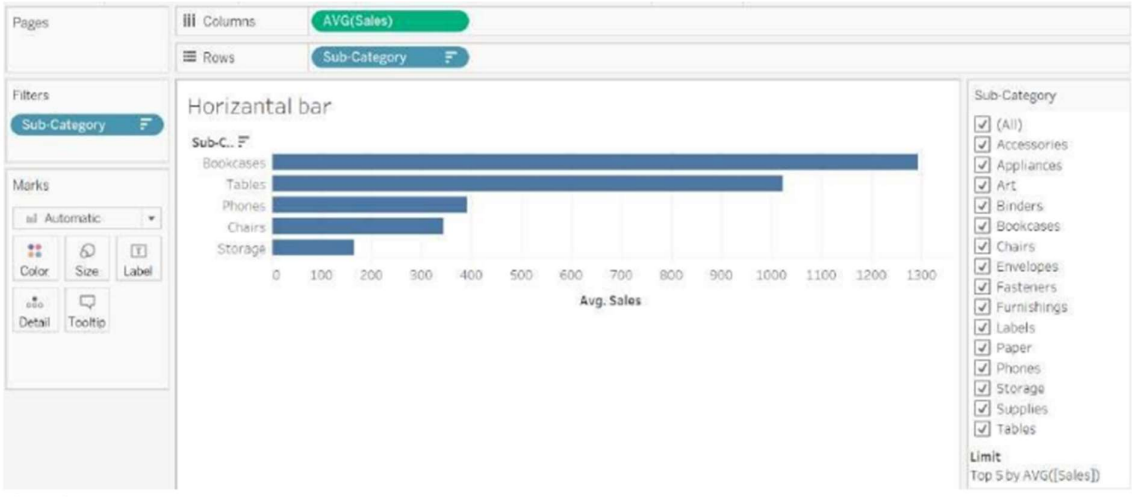


7) Horizantal bar chart



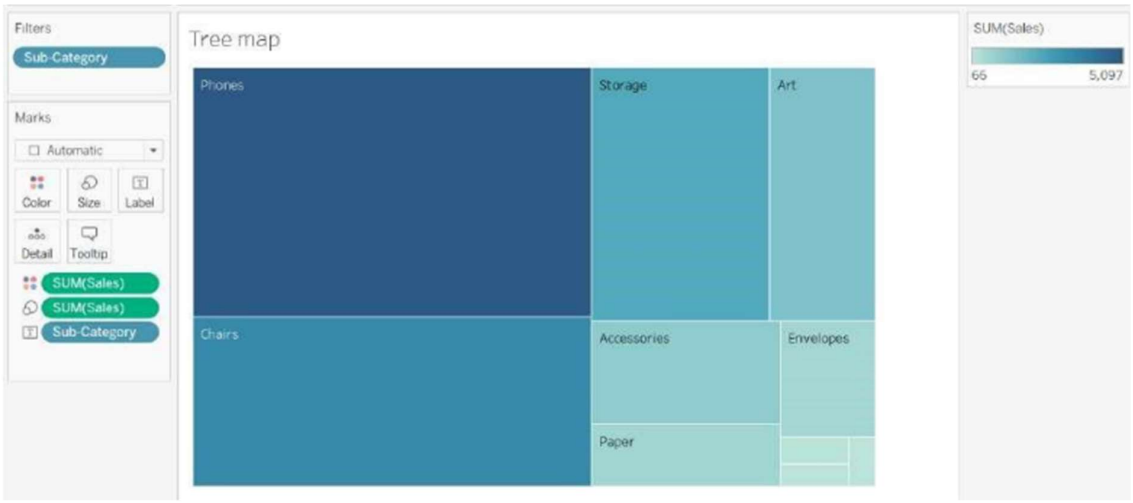
- **Apply dimension filter, context and measure filter on any of the three Visualizations.**

1) **Horizontal bar**



2) **Pie chart**

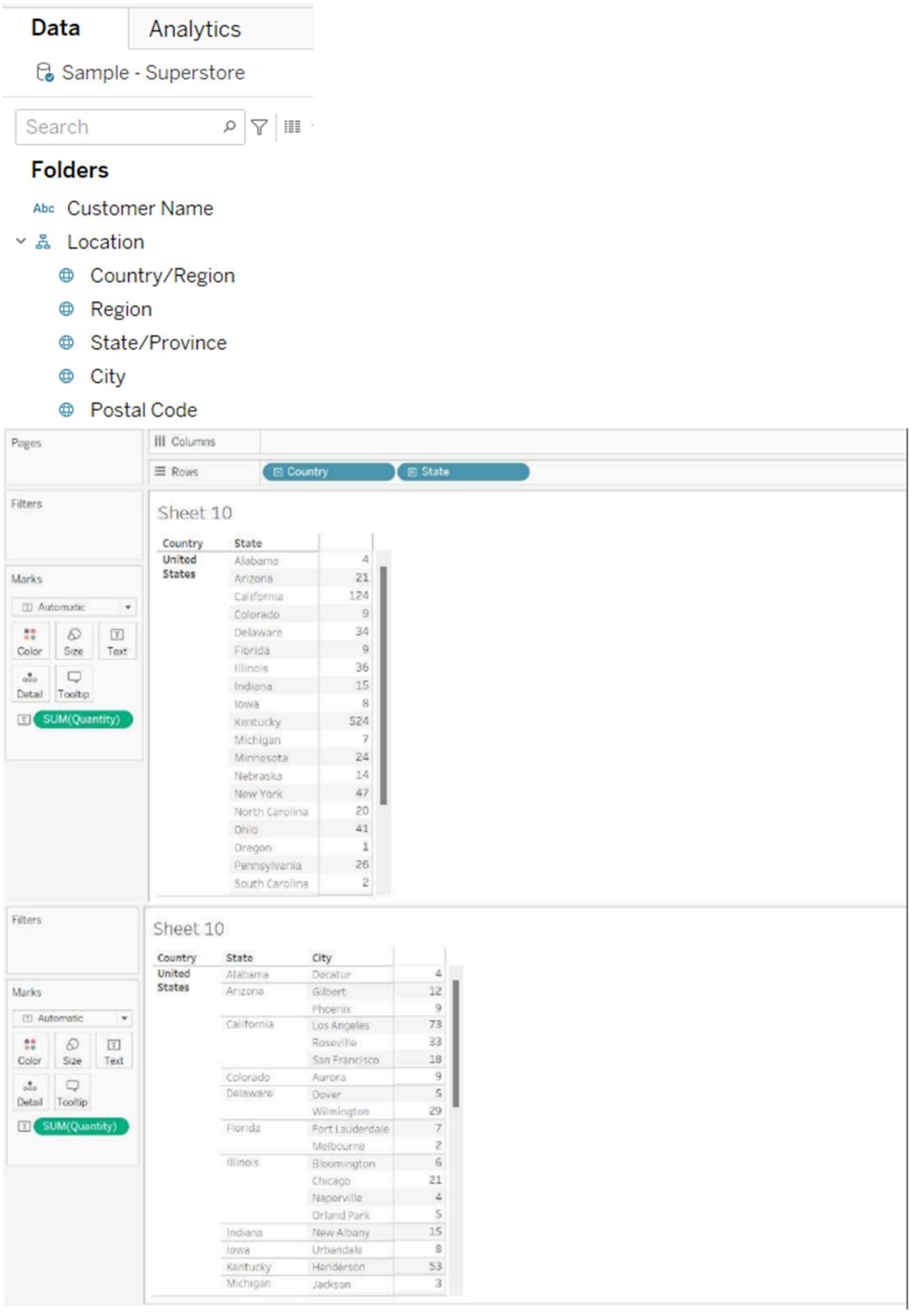
3) Tree Map



- **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
Filters
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
Marks
Automatic
Color
Size
Text
Detail
Tooltip
SUM(Quantity)
Filters
Sheet 10
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
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Michigan Jackson 3
Marks
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Size
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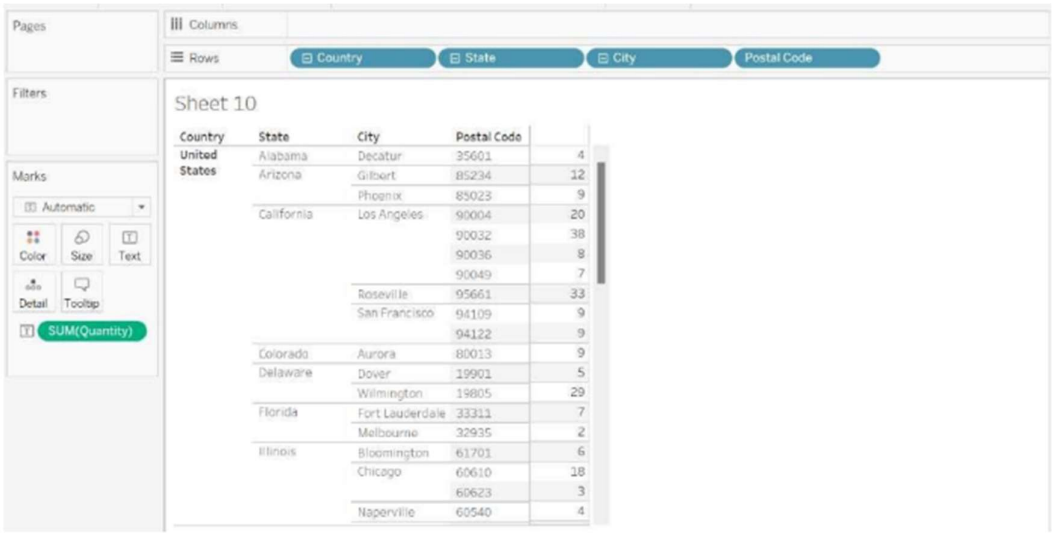
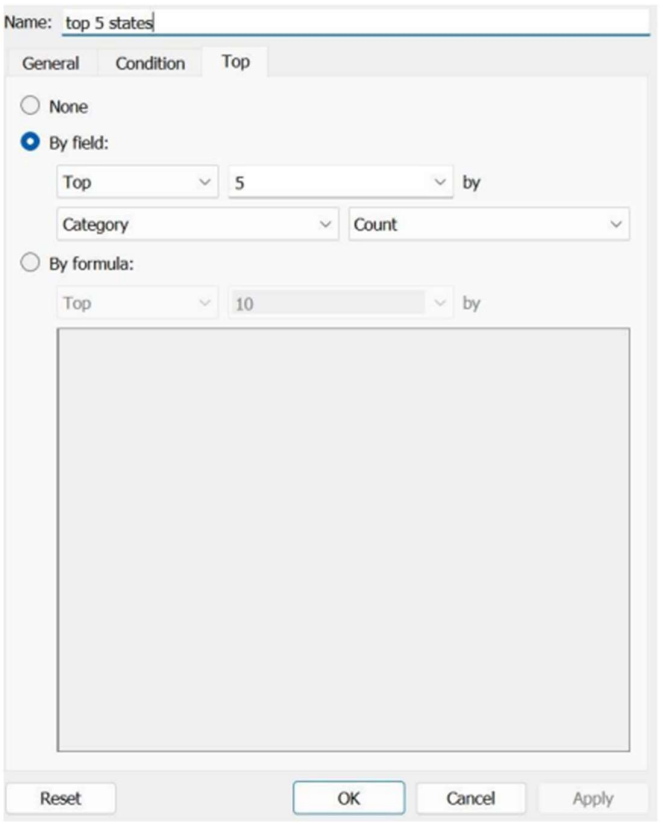
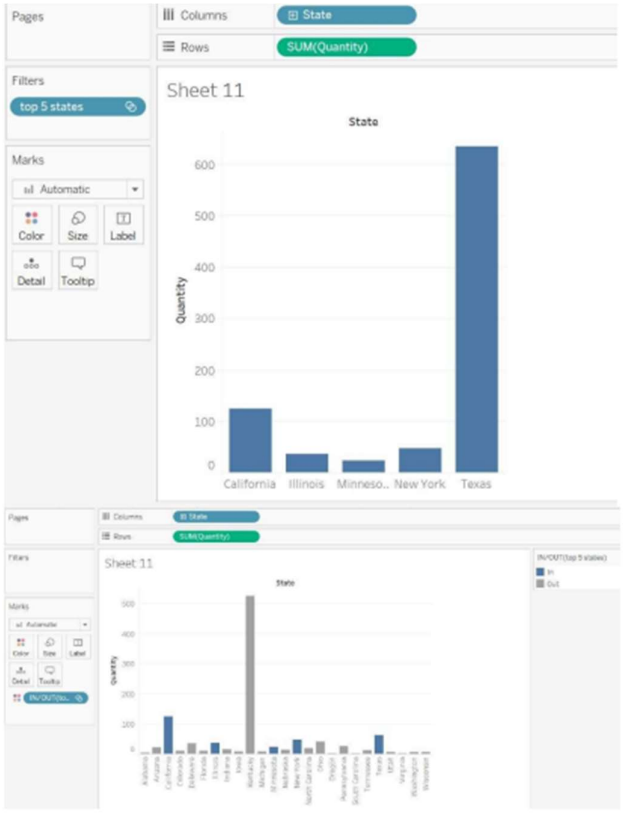
Detail
Tooltip
SUM(Quantity)

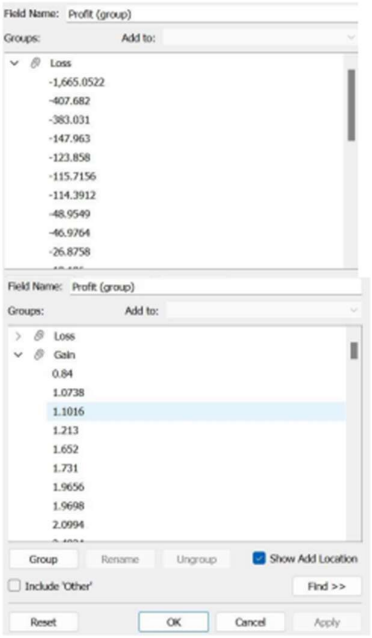

Pages
Columns
Rows
Country
State
City
Postal Code
Filters
Sheet 10
Marks
Automatic
Color
Size
Text
Detail
Tooltip
SUM(Quantity)
Country State City Postal Code
United States Alabama Decatur 35601 4
Arizona Gilbert 85234 12
Phoenix 85023 9
California Los Angeles 90004 20
90032 38
90036 8
90049 7
Roseville 95661 33
San Francisco 94109 9
94122 9
Colorado Aurora 80013 9
Delaware Dover 19901 5
Wilmington 19805 29
Florida 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


Pages
Columns
State
Rows
SUM(Quantity)
Filters
top 5 states
Sheet 11
State
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Quantity
600
500
400
300
200
100
0
California
Illinois
Minneso..
New York
Texas

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:
Loss
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

Pages
Columns
Sub-Category
Rows
Profit (group)
SUM(Profit)
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Sheet 12
Profit ...
Sub-Category
Gain
Loss
Profit
0K
-1K
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Envelopes
Fasteners
Furnishings
Labels
Paper
Phones
Storage
Supplies
Tables