SmartBridge Externship – Data analytics

Assignment - 2
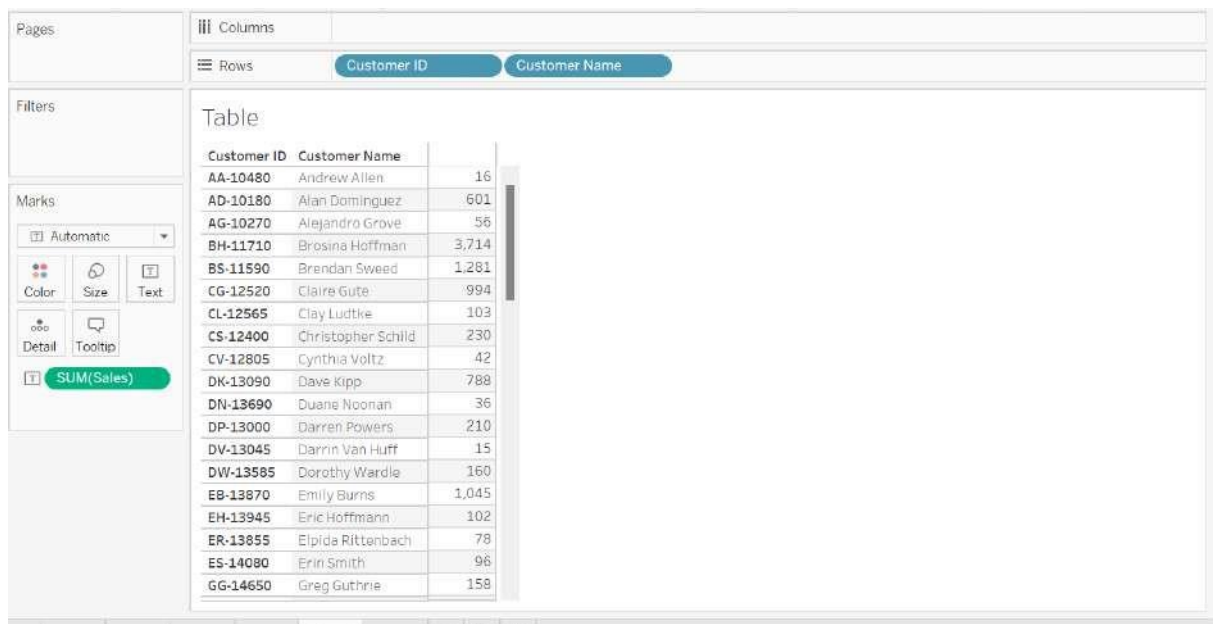
Name : Ambati Vidyasri

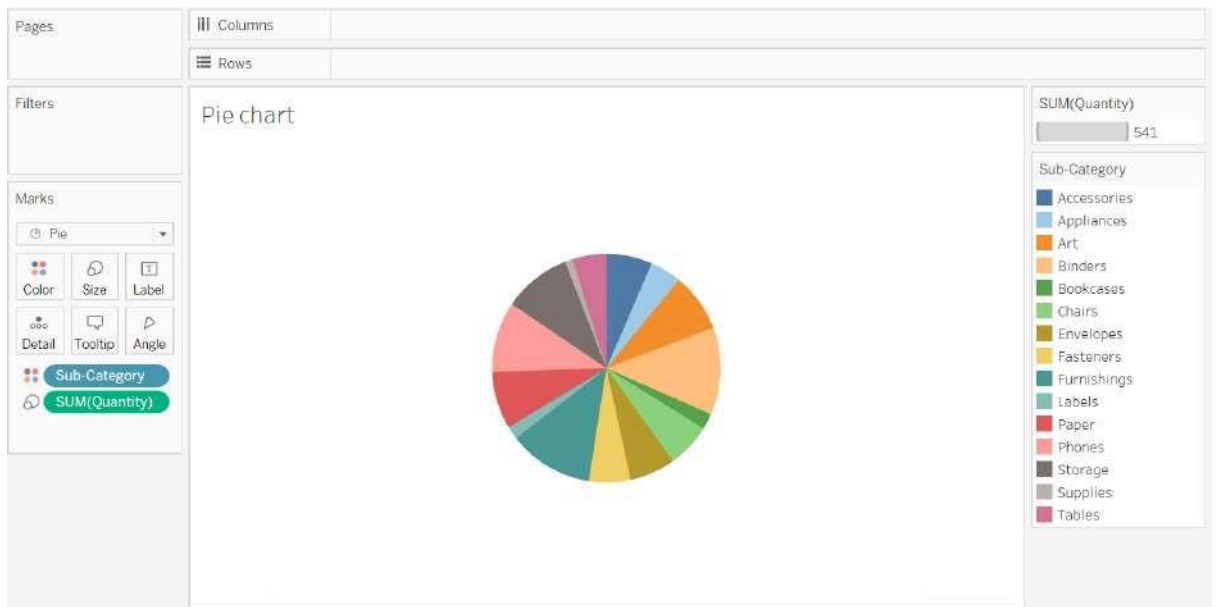Reg.no :   20BCI7024

VIT-AP University

1) Create any 7 data visualizations/charts

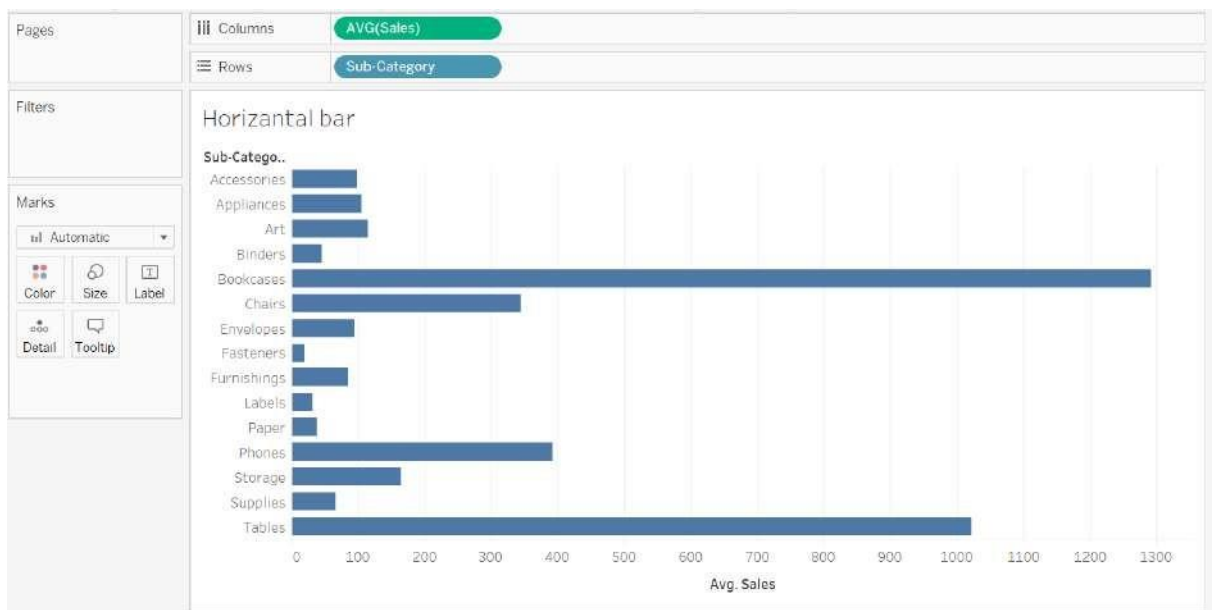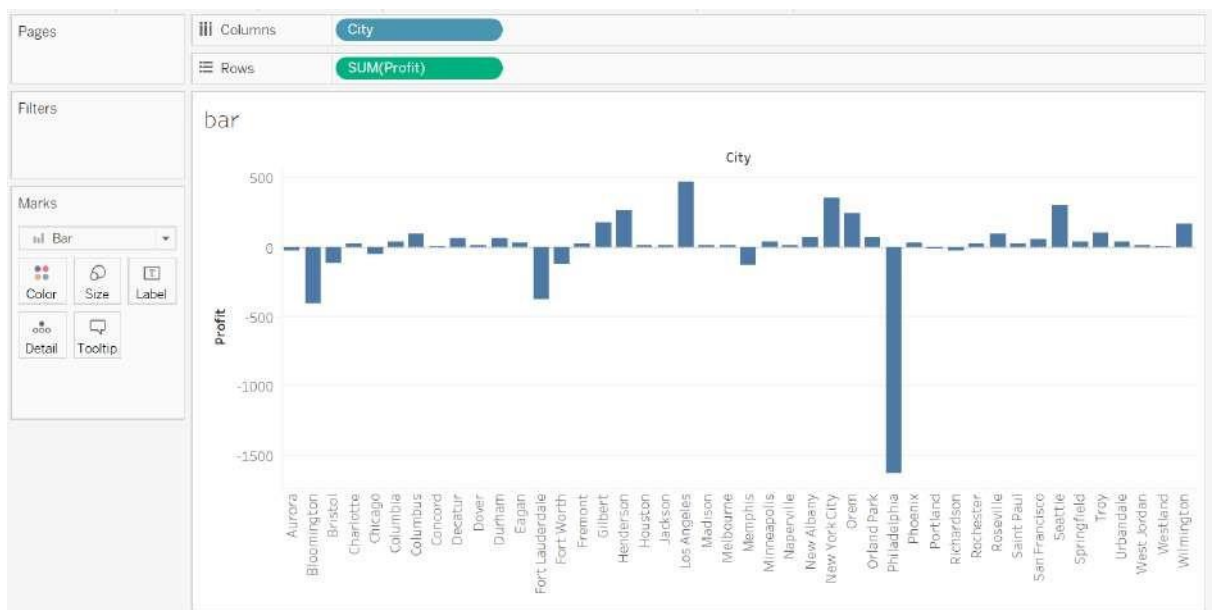- Table

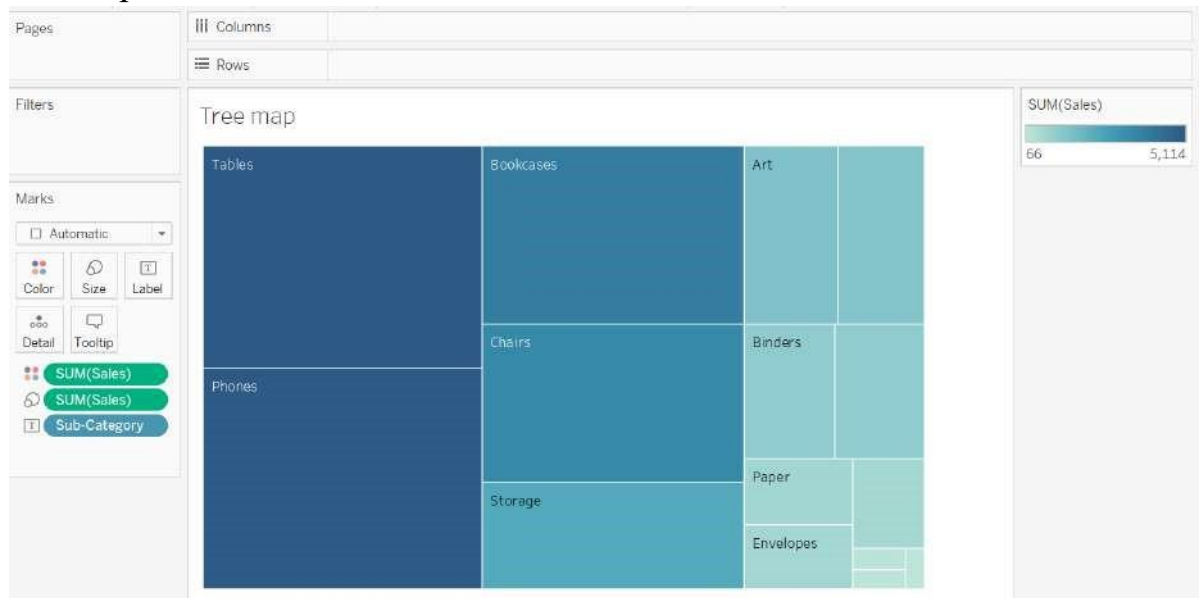
- Bubble chart

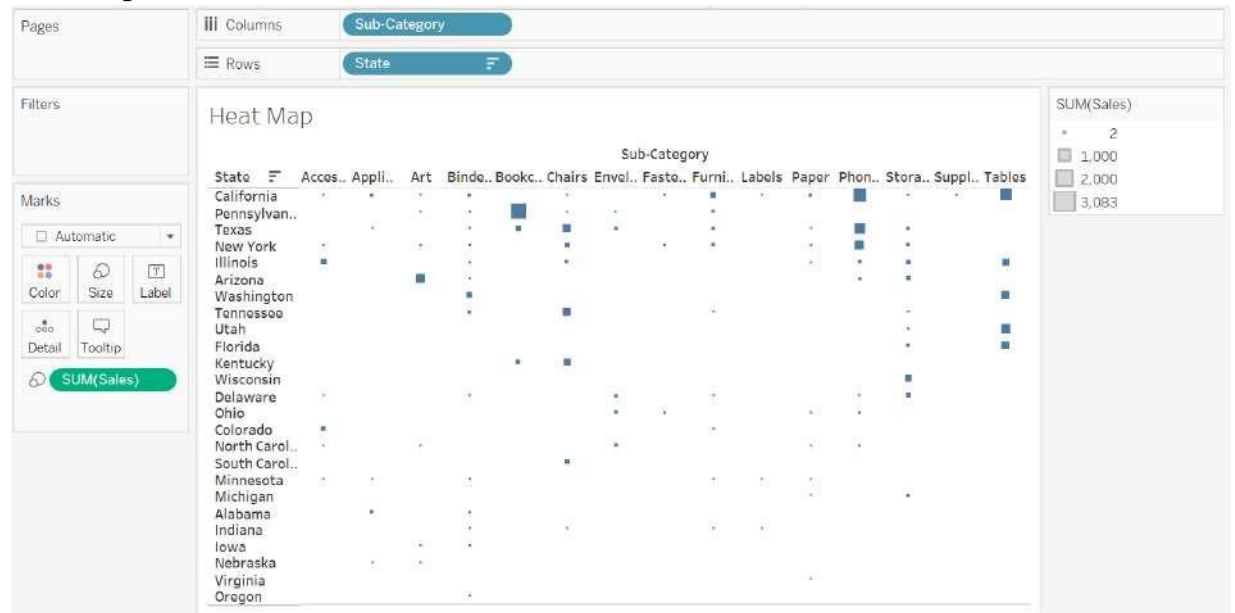

- Pie chart

- Horizontal bar
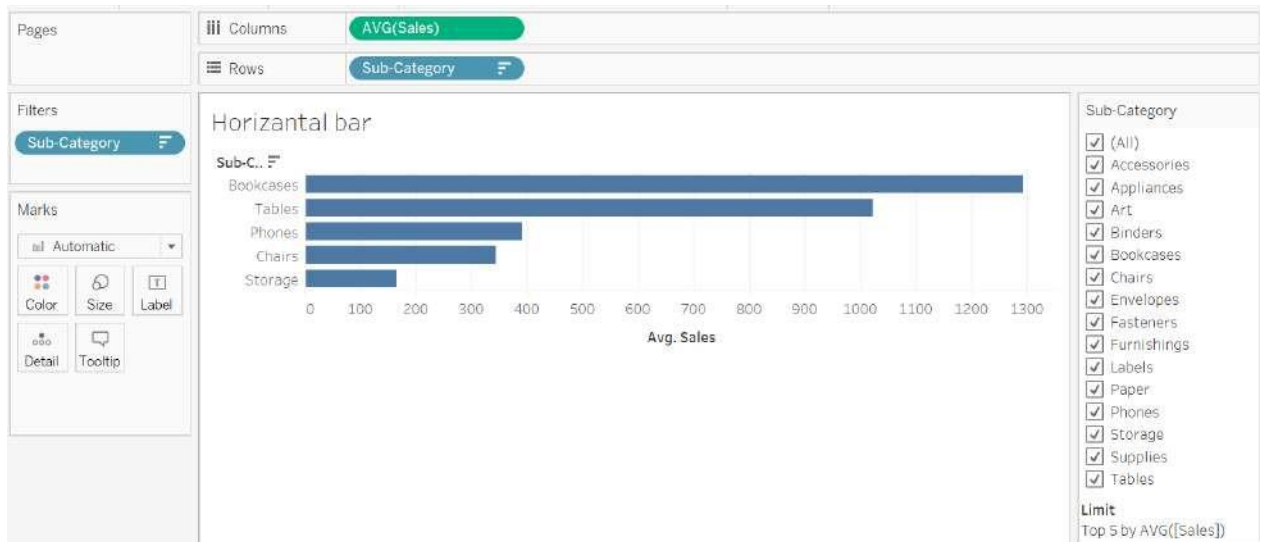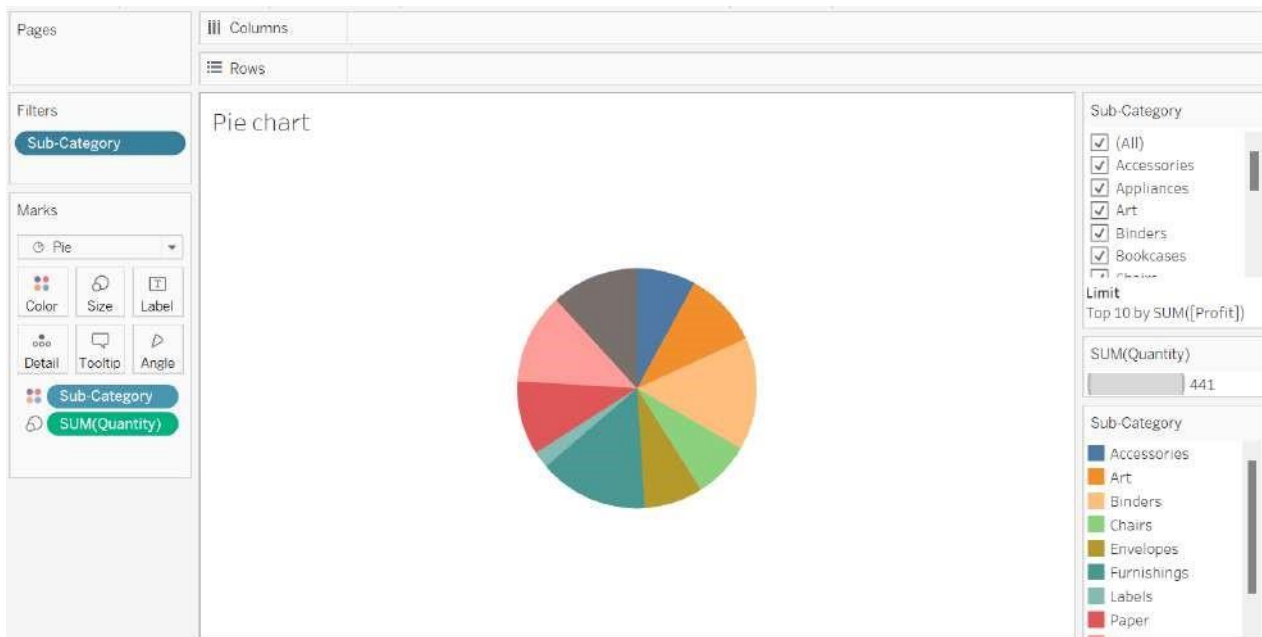

- Bar

- Tree map

- Heat map

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

- Horizontal bar

- Pie chart

- Tree map

3) Perform the following data manipulations on your dataset
   ● create a Hierarchy

● create a set ● create a group

Hierarchy :

Pages
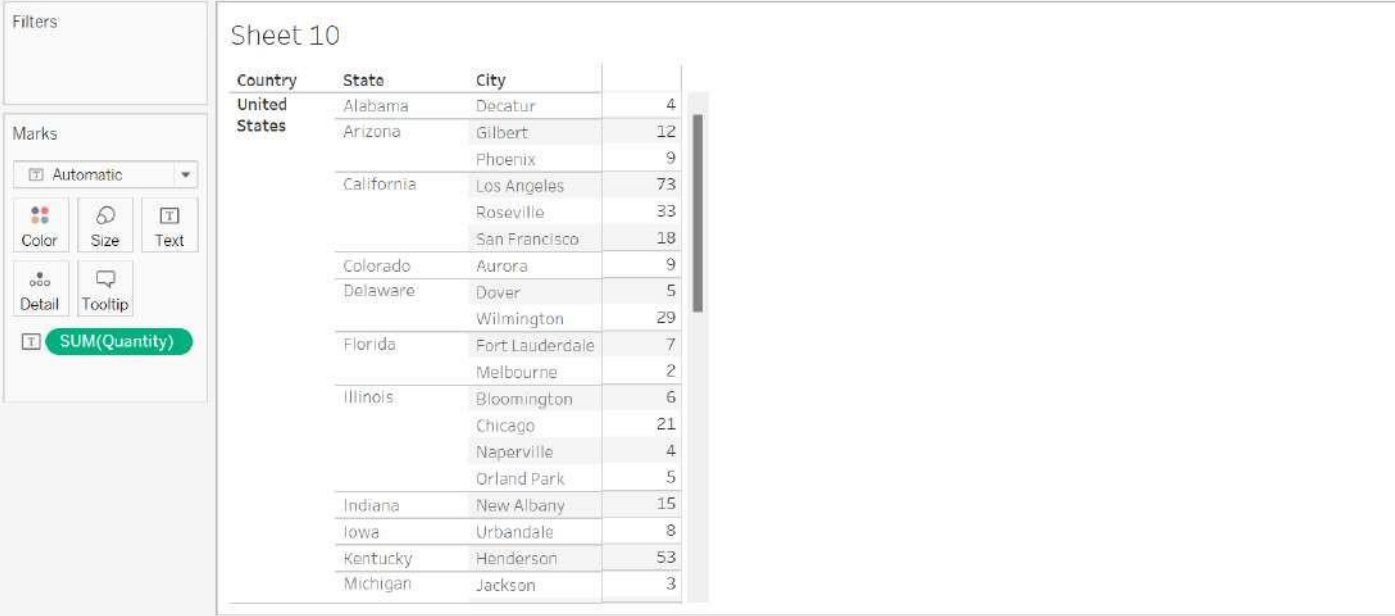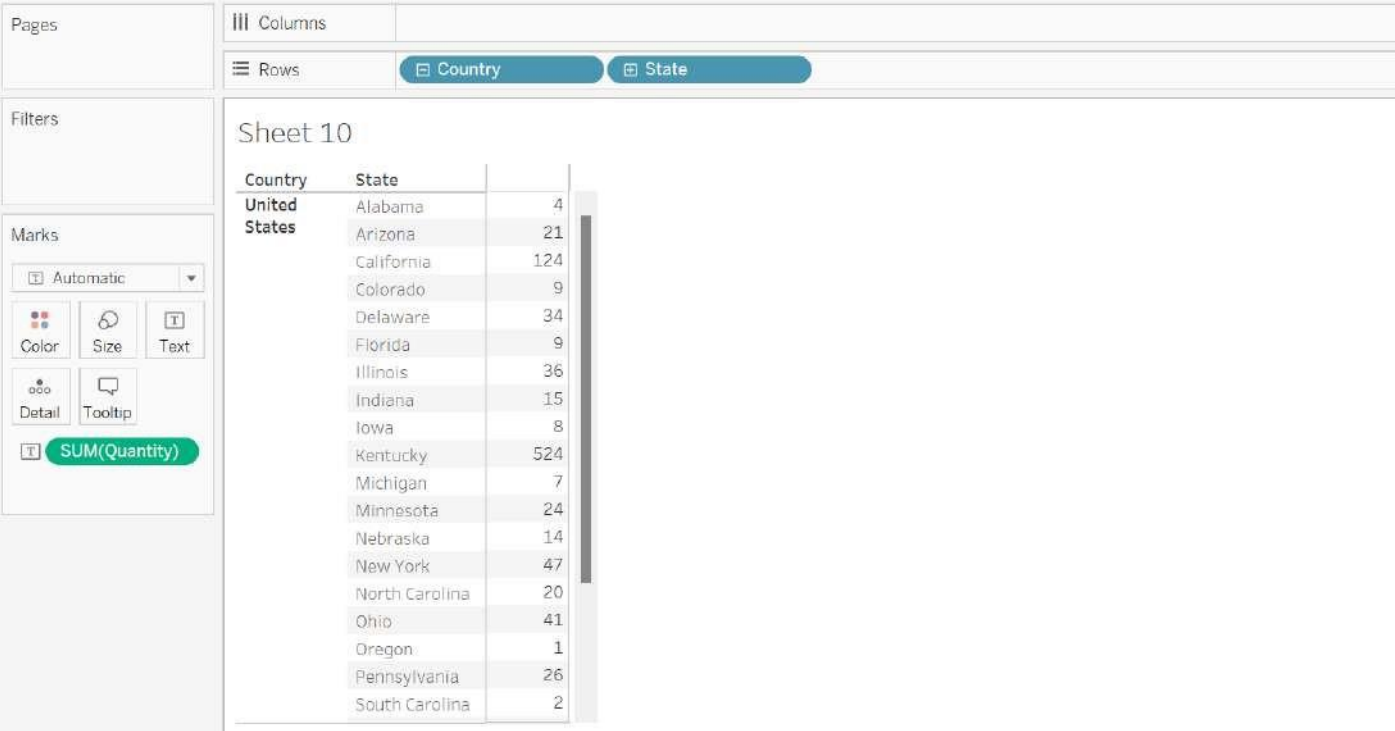
Columns

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
	Kentucky	Henderson	53
	Michigan	Jackson	3

Marks

Automatic

Color | Size | Text

Detail | Tooltip

SUM(Quantity)

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 ⊘

Marks
Automatic ▼

Color | Size | Label
Detail | Tooltip

Sheet 11

State

Pages

Columns ⊞ State

Rows SUM(Quantity)

Filters

Marks
Automatic ▼

Color | Size | Label
Detail | Tooltip
IN/OUT(to.. ⊘

Sheet 11

State

IN/OUT(top 5 states)
■ In
■ Out
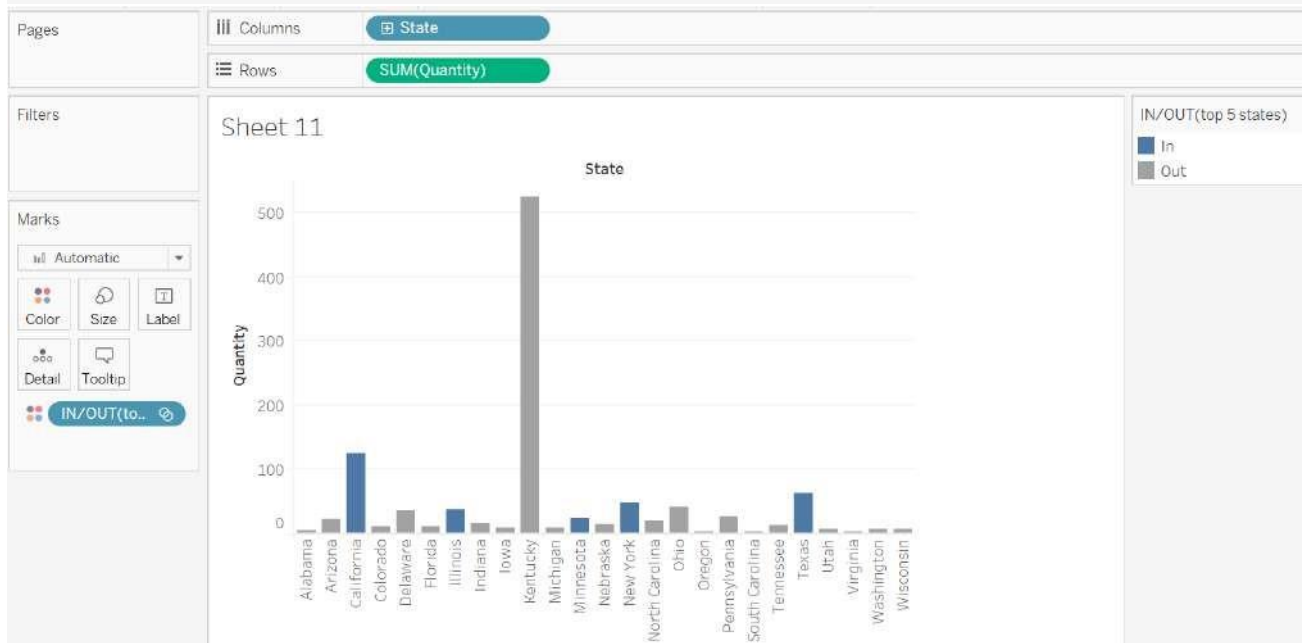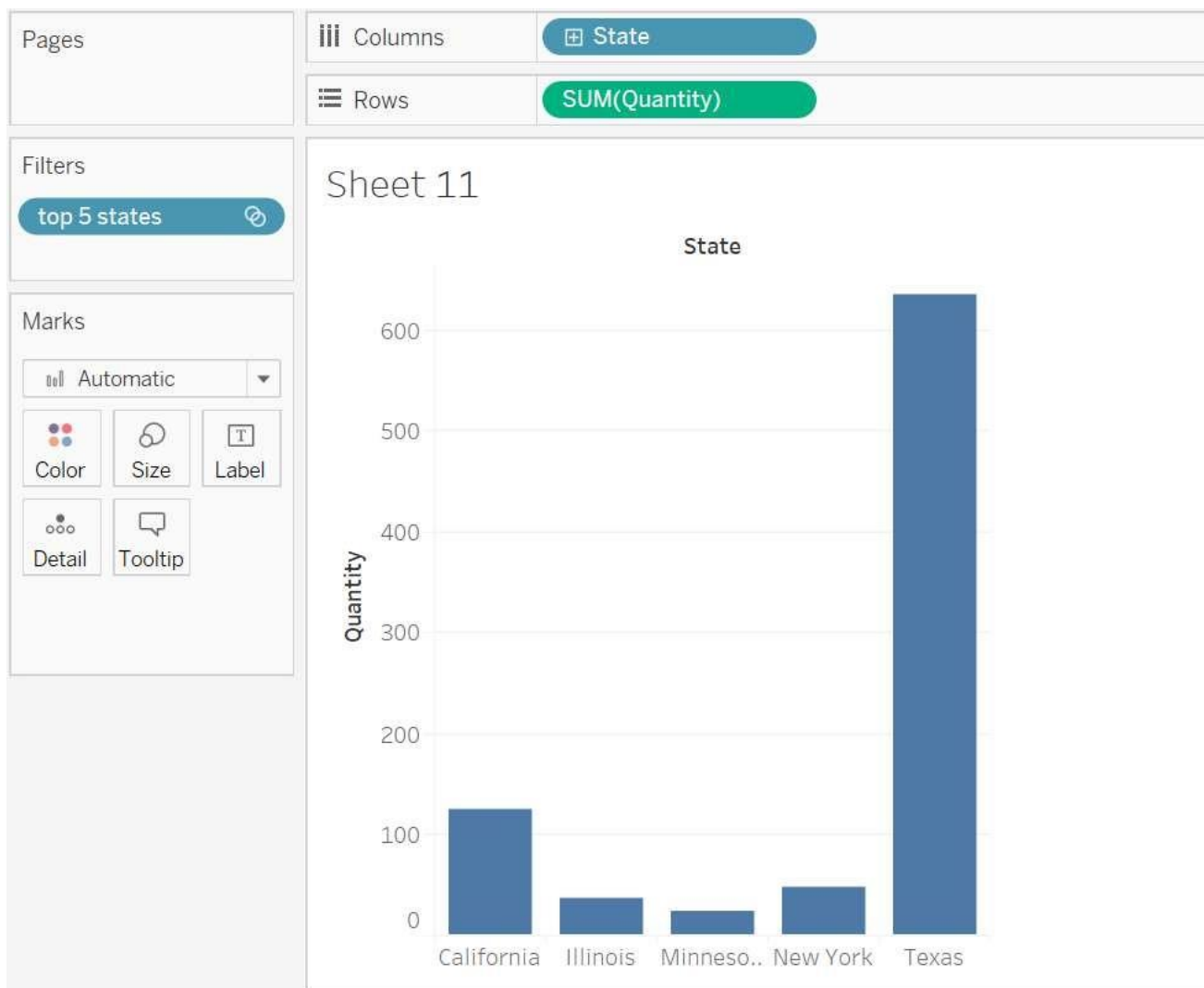
<u>Group:</u>

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