# ASSIGNMENT 2

**What does this chart show? What's the information we get out of it?**

| iii Columns | ⊞ YEAR(Order Date) |
|---|---|
| ☰ Rows | SUM(Sales) |

## Sheet 1

**Order Date**



The chart shows us that Sales from 2015-2016 declined by 13714. As the sales value for each year are shown. Where the sales value for the years were as follows:

- 2015: - 484247
- 2016: - 470533
- 2017: - 609206
- 2018: - 733215

From the year 2016-2018 the sales showed continuous increase.

Whereby the increase from the year 2016 to the year 2017 was 138673 and the increase from 2017 to 2018 was 124009.

**Start by adding the product categories to look at sales totals in a different way.**



From this visualization, we can see that the sales for furniture is growing every year unlike the sales of office supplies and Technology. Which are highest in 2018, and lowest in 2016 for both the products.

**Adding the Sub-Category dimension to the Columns shelf**

The visualization adds another header to the bar chart, whereby the products are further sub-divided into individual products. Like the 3 categories were divided into:

- Furniture: - Bookcases, Chairs, Furnishings, Tables
- Office Supplies: - Appliances, Art, Binders, Envelopes, Fasteners, Labels, Paper, Storage, Supplies
- Technology: - Accessories, Copiers, Machines, Phones
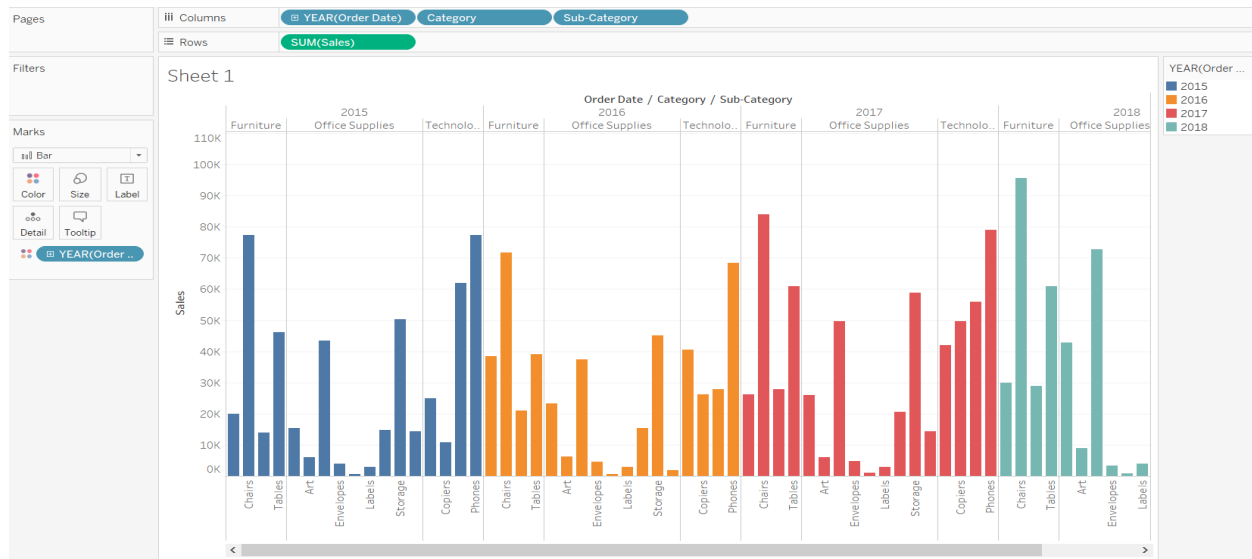
## Colors and Filter

### What have we found out by dragging profit to color?

By dragging profit to color, we were able to see the products that have negative profit and the ones that have positive profit.
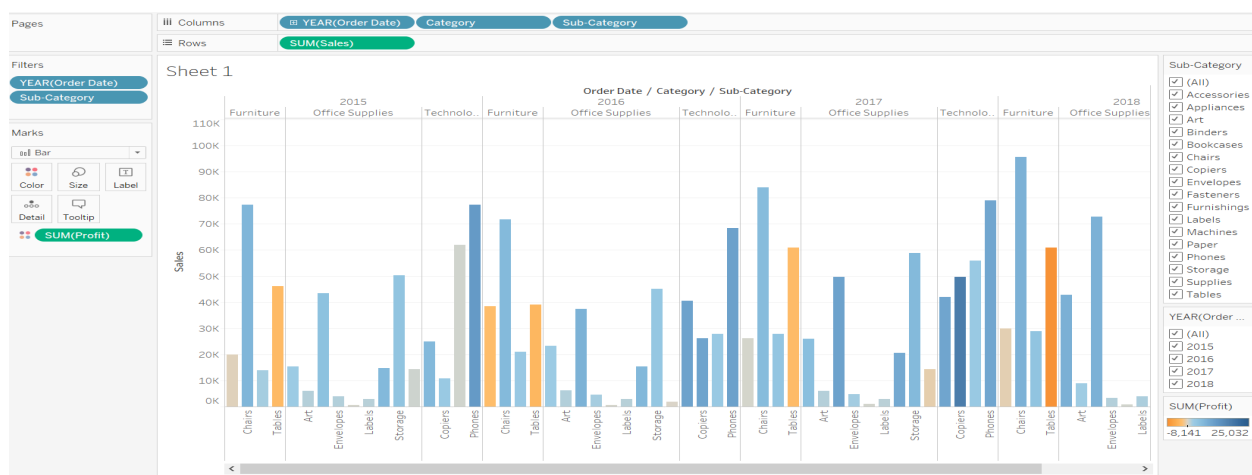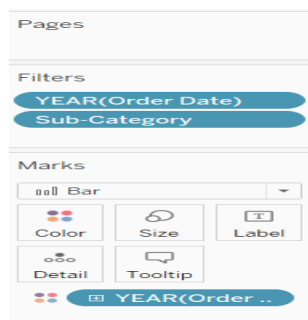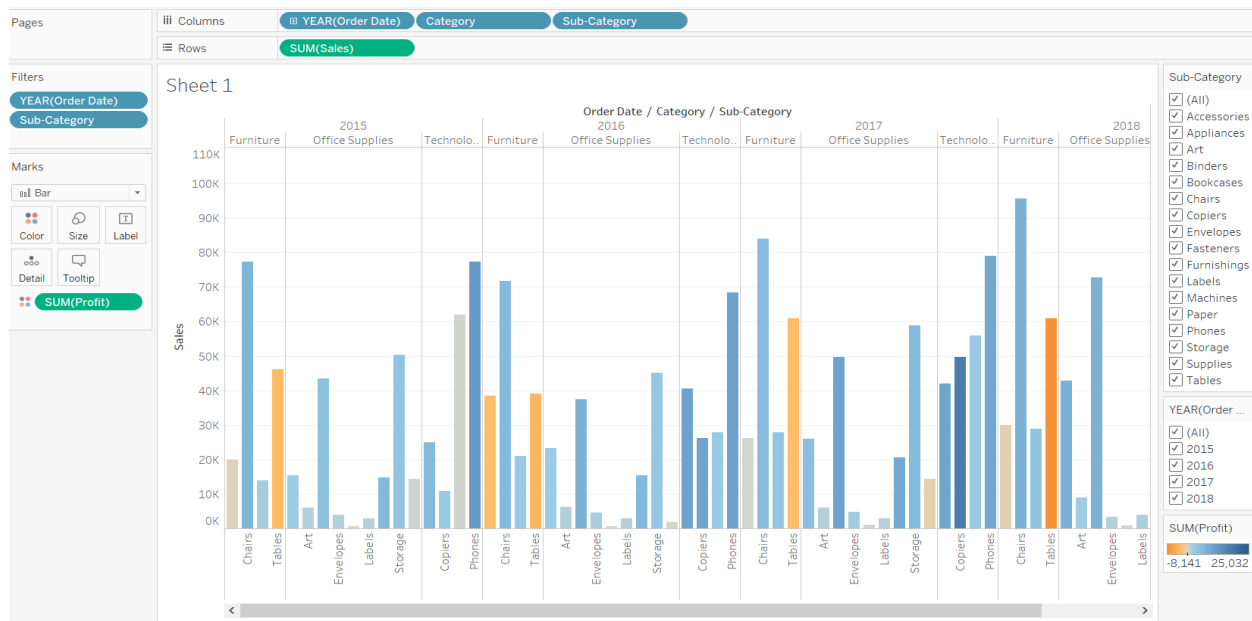
The visualization shows that some of the products were unprofitable, for example, Tables were unprofitable through the 4 years.
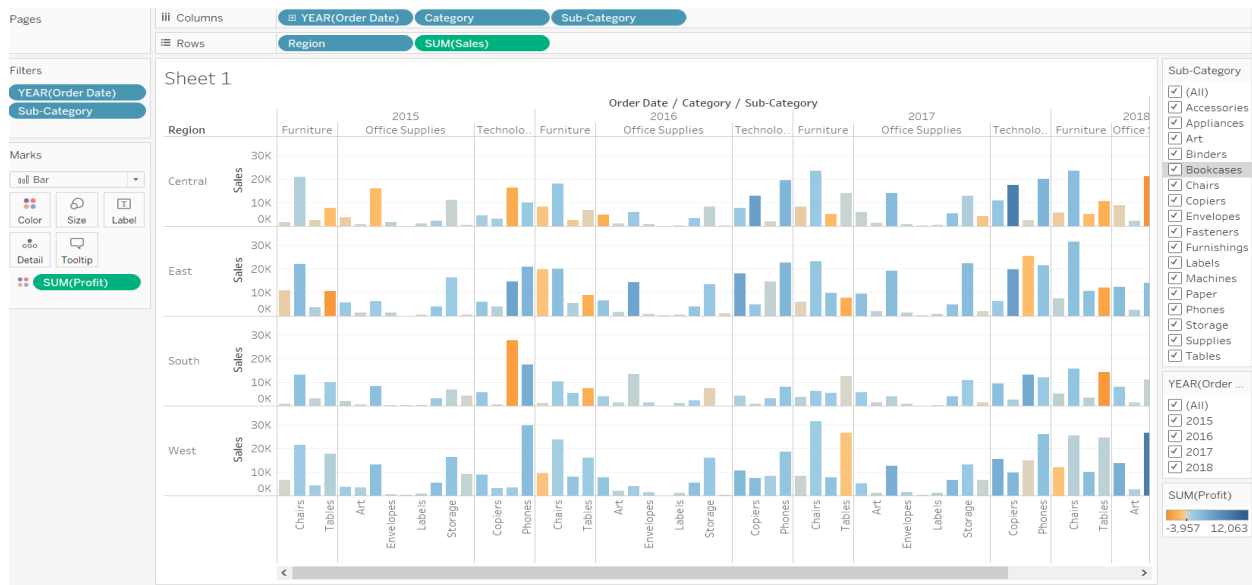
1. In the view, in the Sub-Category filter card, clear all the check boxes except Bookcases, Machines, and Tables.
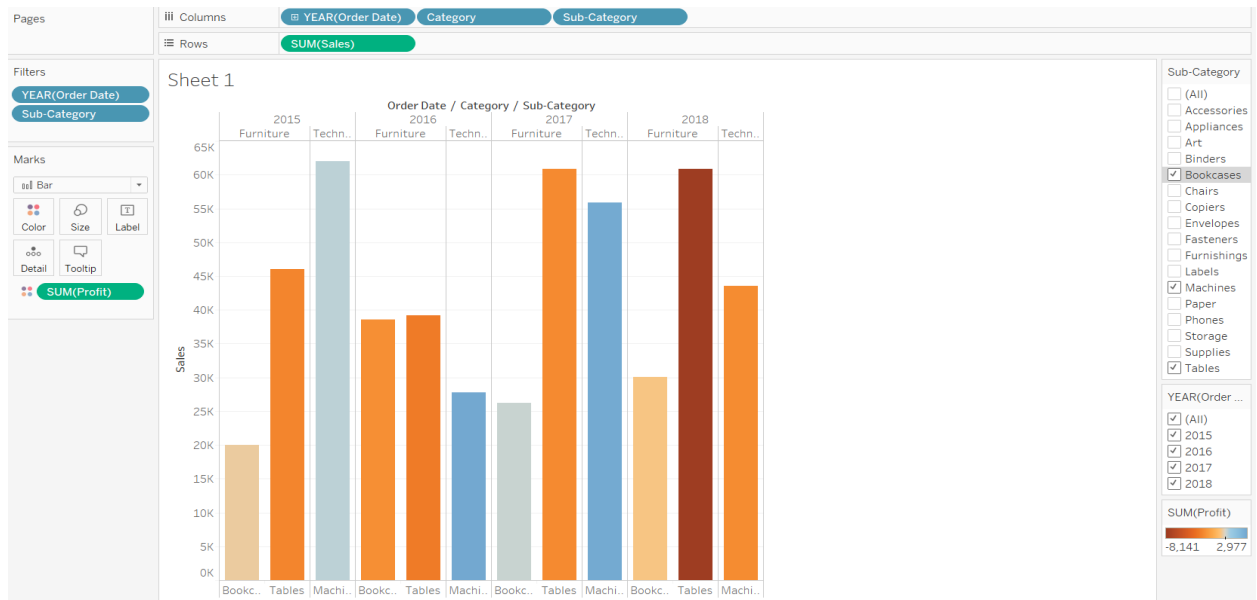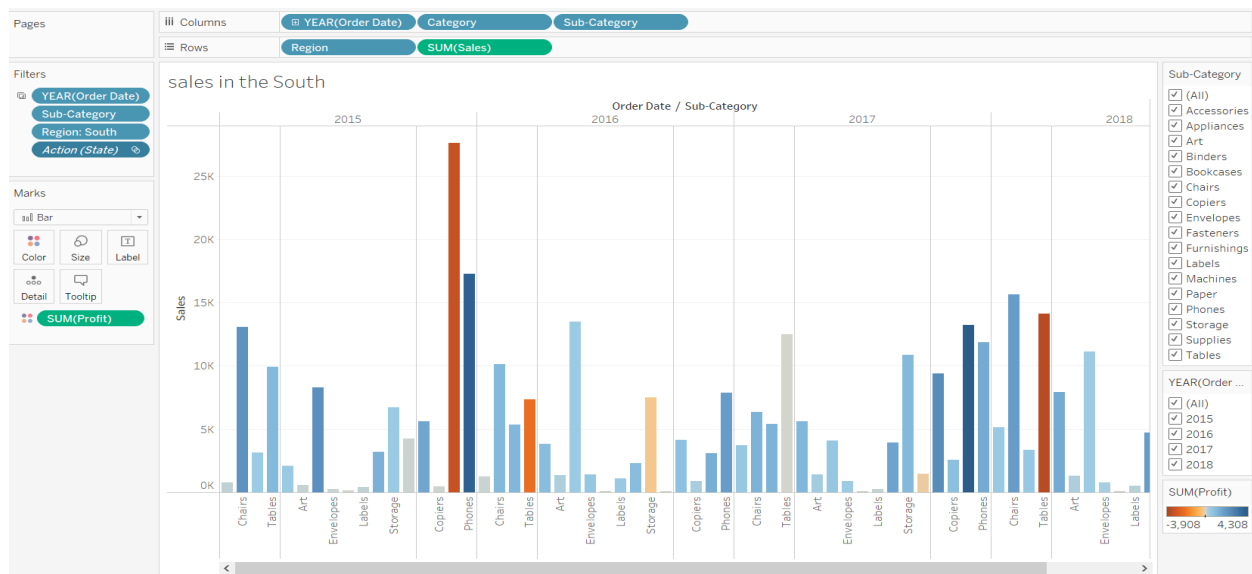


2. Select All in the Sub-Category filter card to show all sub-categories again
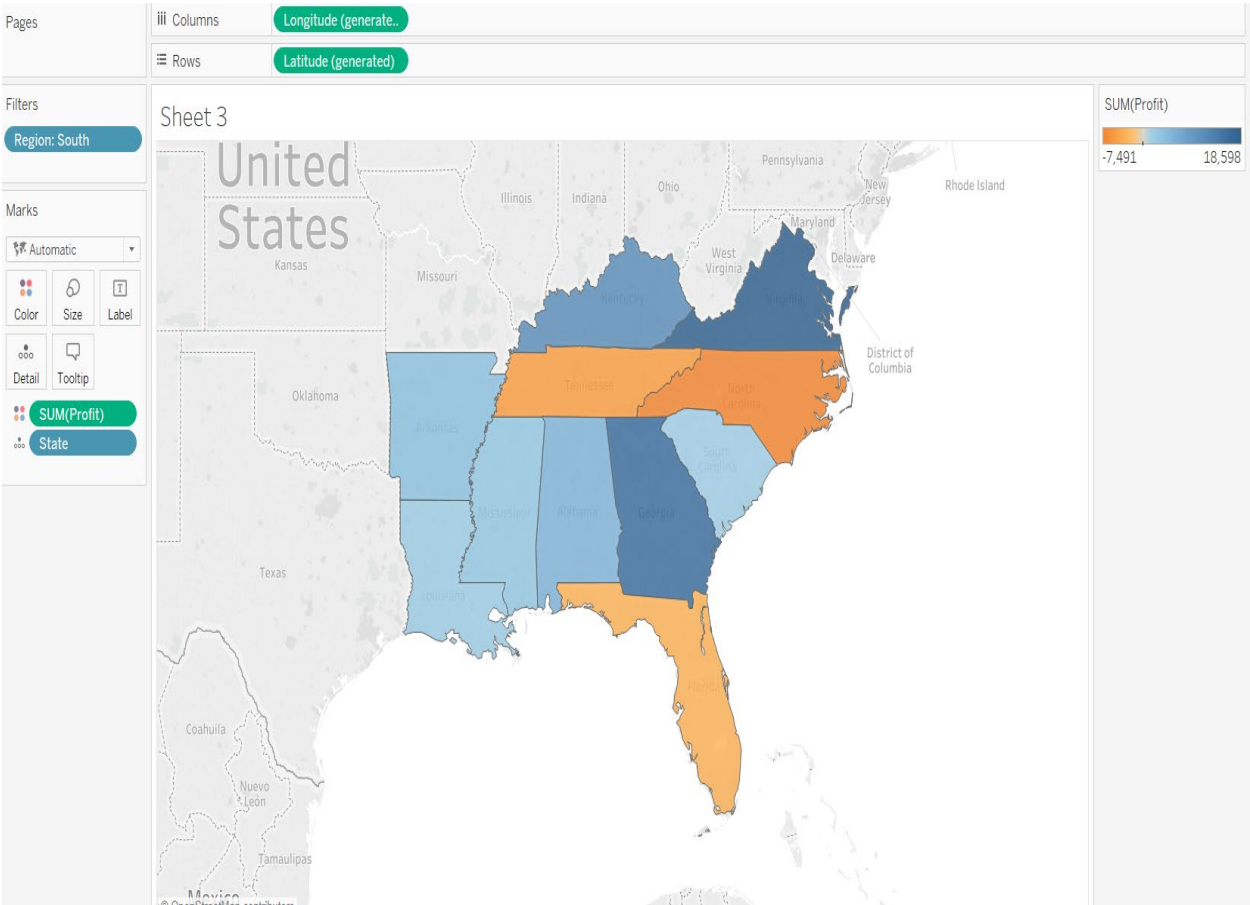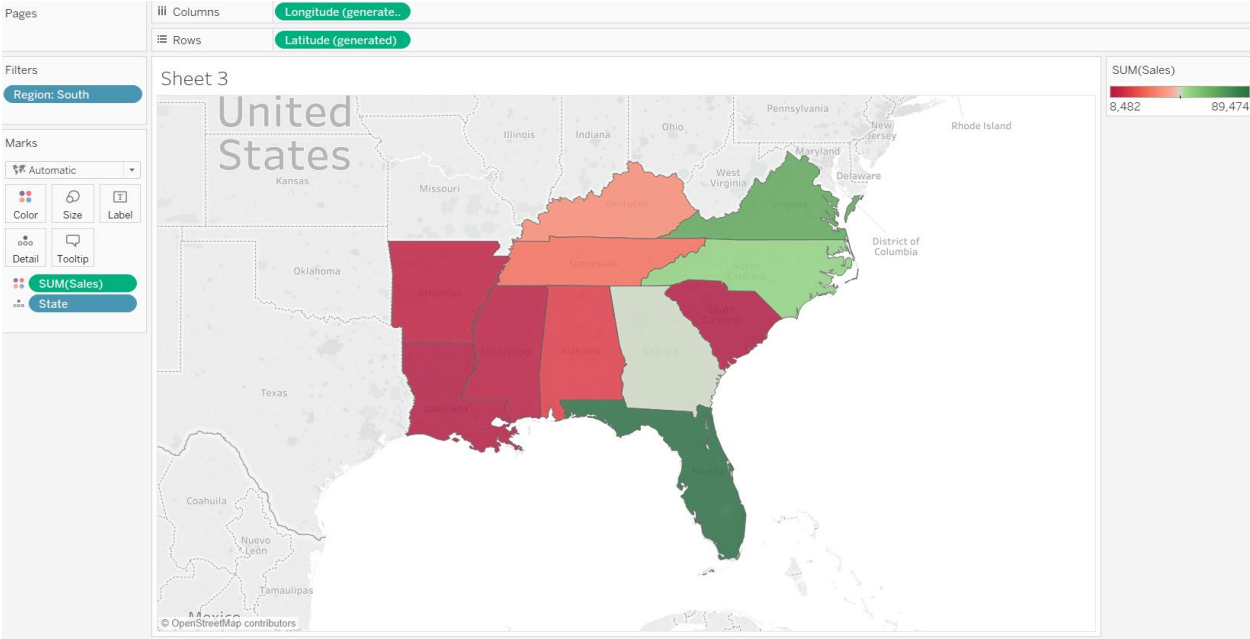
3. From Dimensions, drag Region to the Rows shelf and place it to the left of Sum (Sales)



8. In the Filter Region dialog box, clear all check boxes except South and then click OK

# Maps

**Dashboard**



profit in the south

Sub-Category
- [ ] (All)
- [ ] Accessories
- [✓] Appliances
- [✓] Art
- [✓] Binders
- [✓] Bookcases
- [✓] Chairs
- [✓] Copiers
- [✓] Envelopes
- [✓] Fasteners
- [✓] Furnishings
- [✓] Labels
- [✓] Machines
- [✓] Paper
- [✓] Phones
- [✓] Storage
- [✓] Supplies
- [✓] Tables

sales in the South

Year of Order Date
- [✓] (All)
- [✓] 2015
- [✓] 2016
- [✓] 2017
- [✓] 2018

Profit
-3,908 ———— 4,308

Year of Order Date

(2015)

Year of Order Date

2015

Sub-Category
- [ ] Accessories
- [ ] Appliances
- [x] Art
- [x] Binders
- [x] Bookcases
- [x] Chairs
- [x] Copiers
- [x] Envelopes
- [x] Fasteners
- [x] Furnishings
- [x] Labels
- [x] Machines
- [x] Paper
- [x] Phones
- [x] Storage
- [x] Supplies
- [x] Tables

Order Date / Sub-Category
2015

Profit
13.3      411.4