

# SMARTBRIDGE EXTERNSHIP PROGRAM

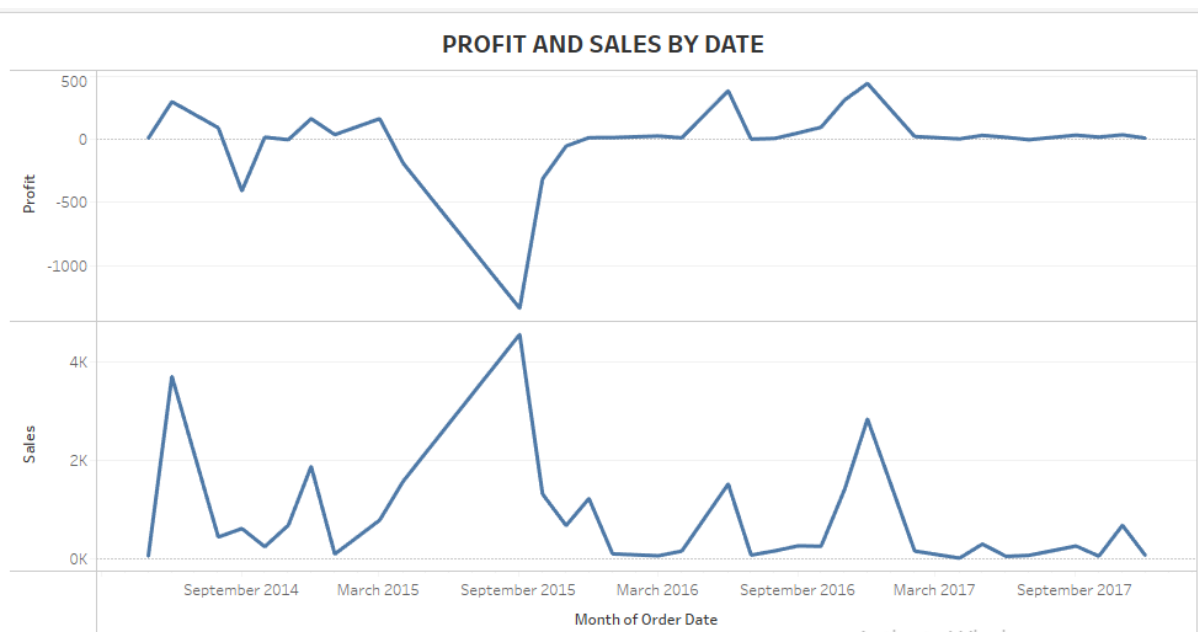
## DATA ANALYTICS

### ASSIGNMENT 2

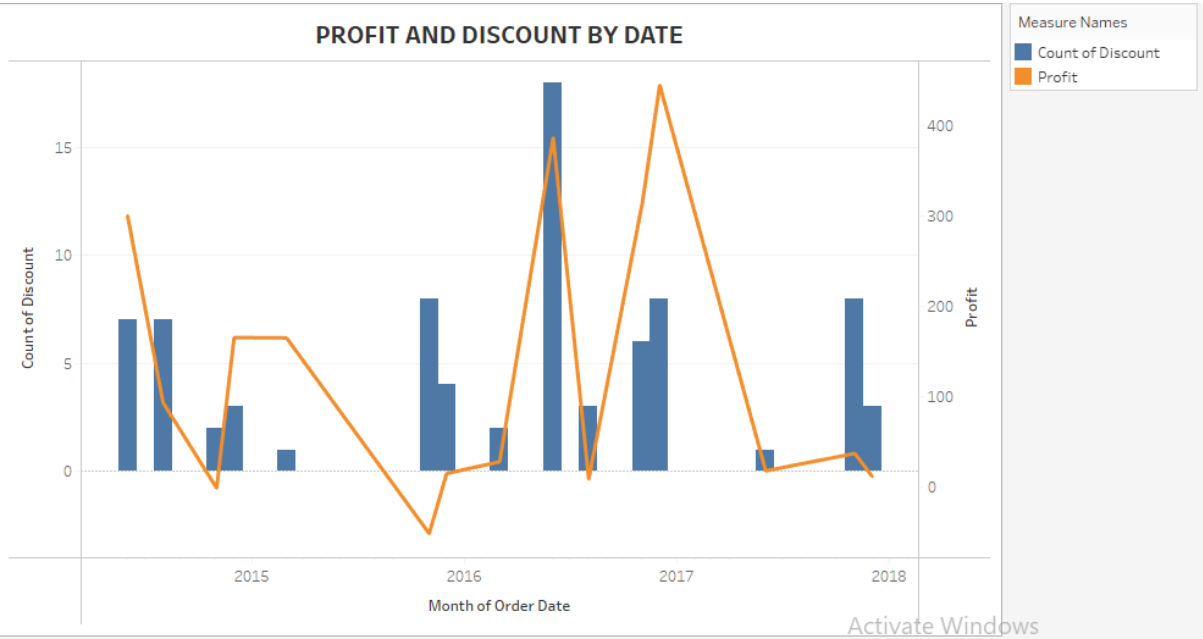
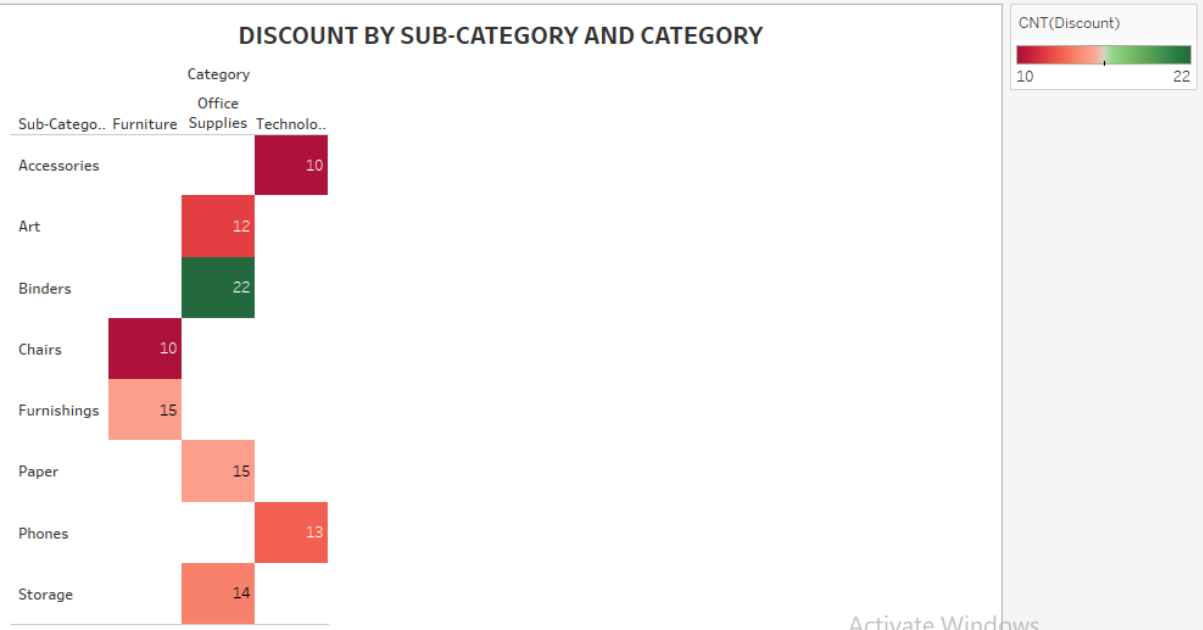
ASSIGNMENT CREATED BY: ROHIT YADAV

- 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

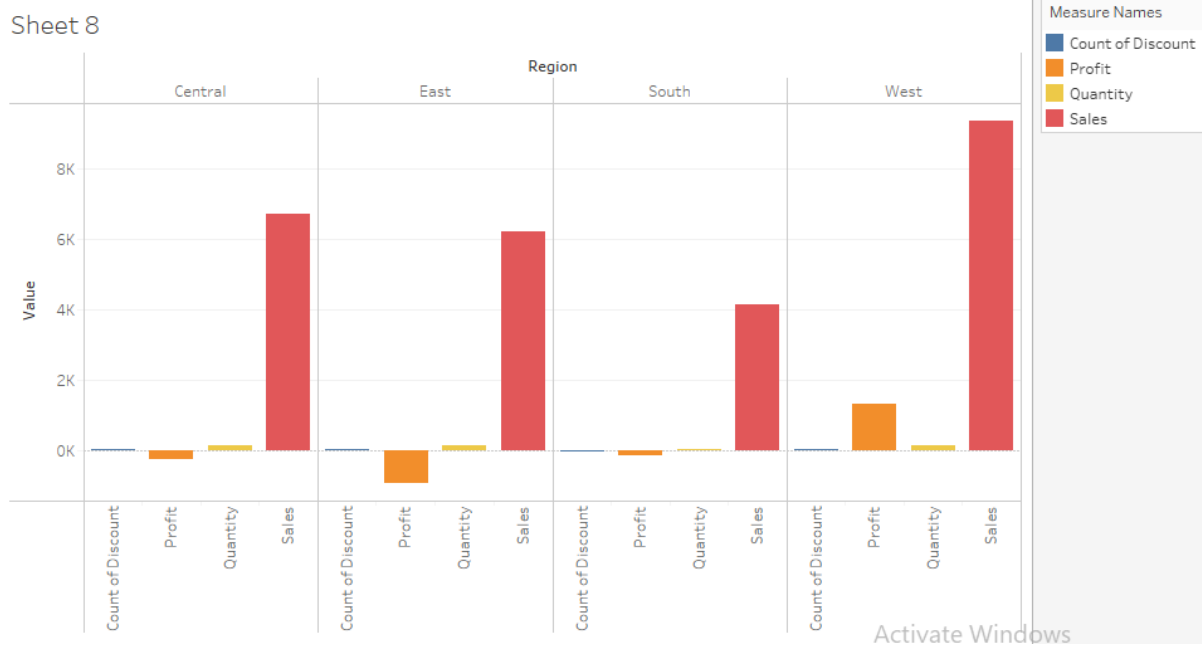
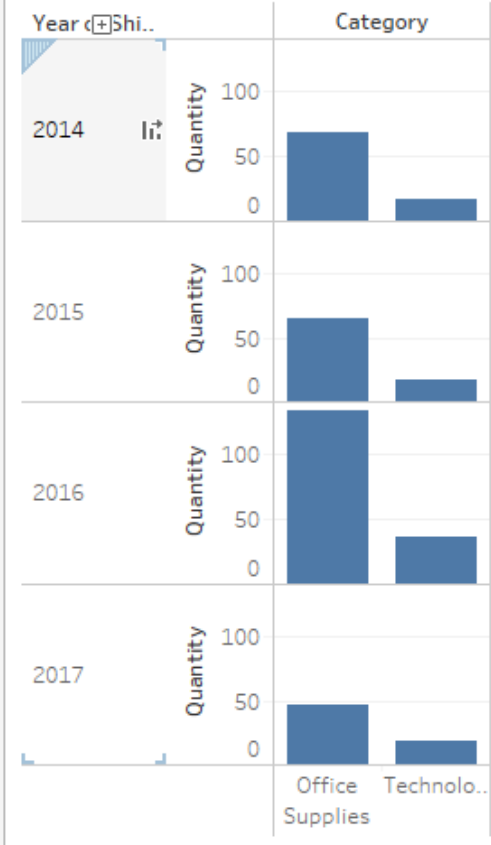
**Note : Use 'superstore-sales' dataset**







CATEGORY QUANTITY EACH YEAR

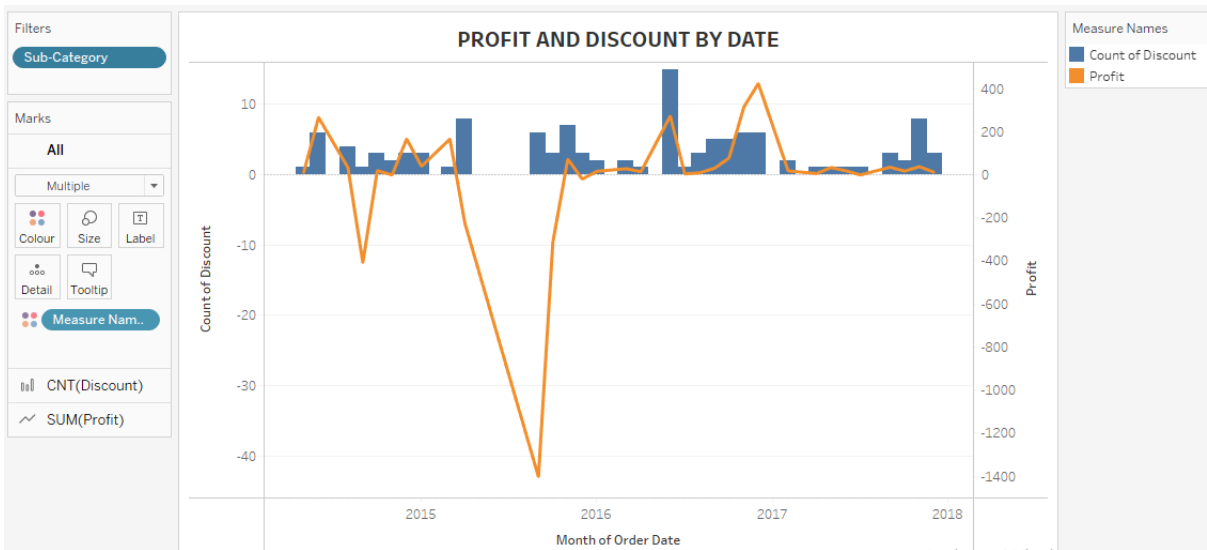


Filters used:

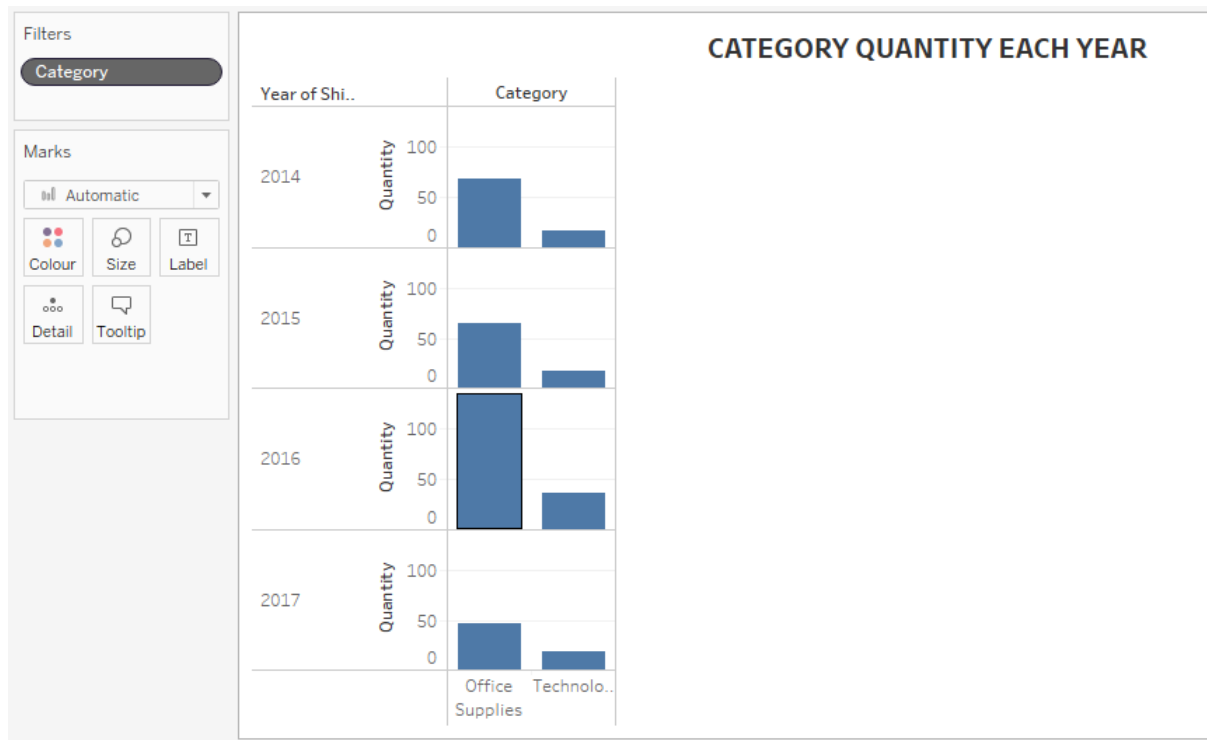
Measure Filter:



Dimension Filter













## Context Filter



## Hierarchy, Sets and Groups:

## Tables

|     |  |             |
|-----|--|-------------|
| Abc | Customer ID  |             |
| Abc | Customer Name  |             |
| ▼   |  Location               | ← Hierarchy |
|     |  Country                |             |
|     |  State                  |             |
| Abc | Region   |             |
|     |  City                   |             |
|     |  Postal Code            |             |
|     |  Order Date             |             |
| Abc | Order ID   |             |
| Abc | Product ID   |             |
| Abc | Product Name   |             |
| #   | Row ID   |             |
| ▼   |  Segment_Hierarchy      | ← Hierarchy |
|     | Abc Segment  |             |
|     | Abc Category   |             |
|     | Abc Sub-Category   |             |
|     |  Ship Date              |             |
| Abc | Ship Mode  |             |
|     |  Sub-Category (group) | ← Groups    |
|     |  Top_5_Quantity_Set   | ← Sets      |
| Abc | <i>Measure Names</i>   |             |