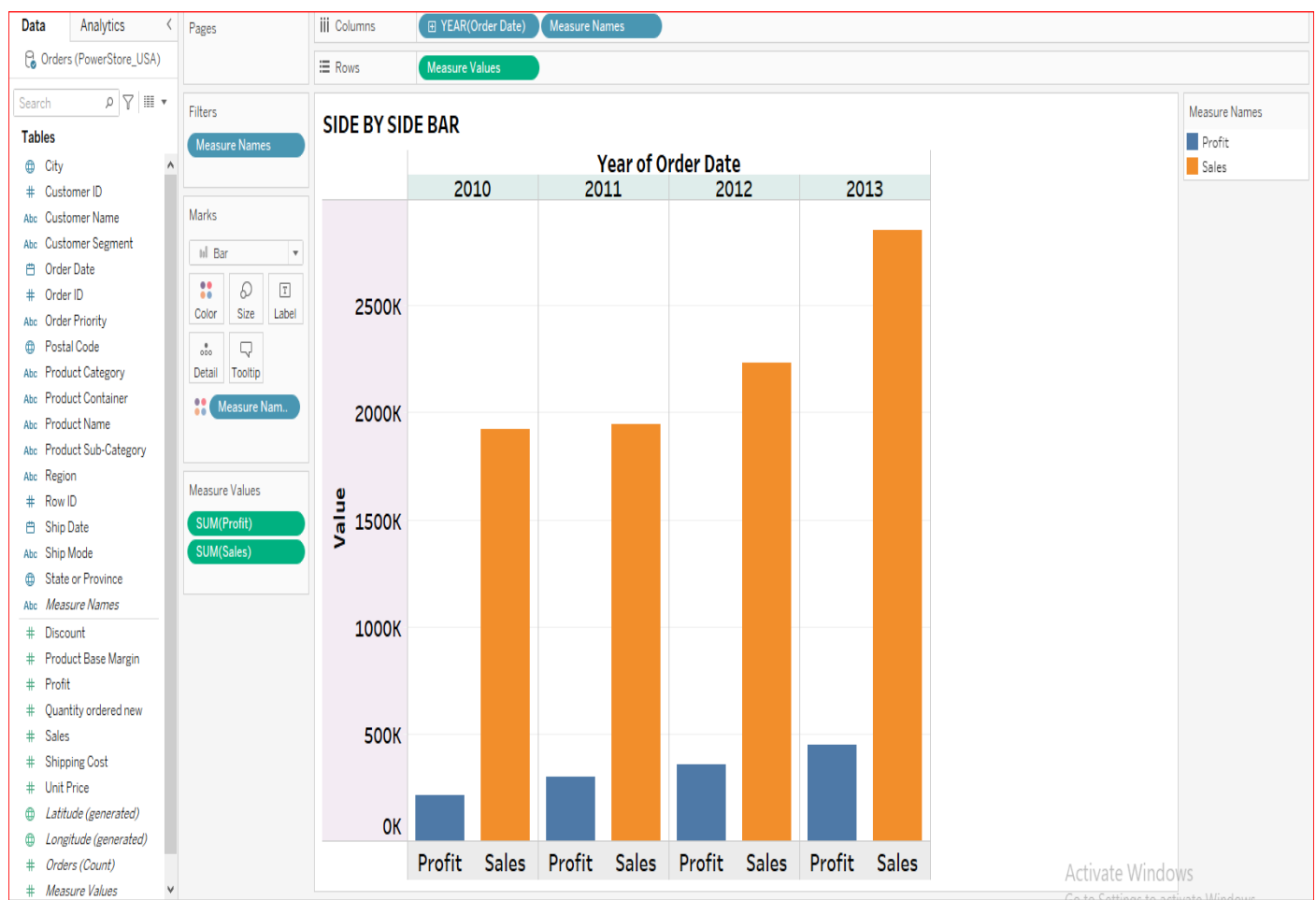
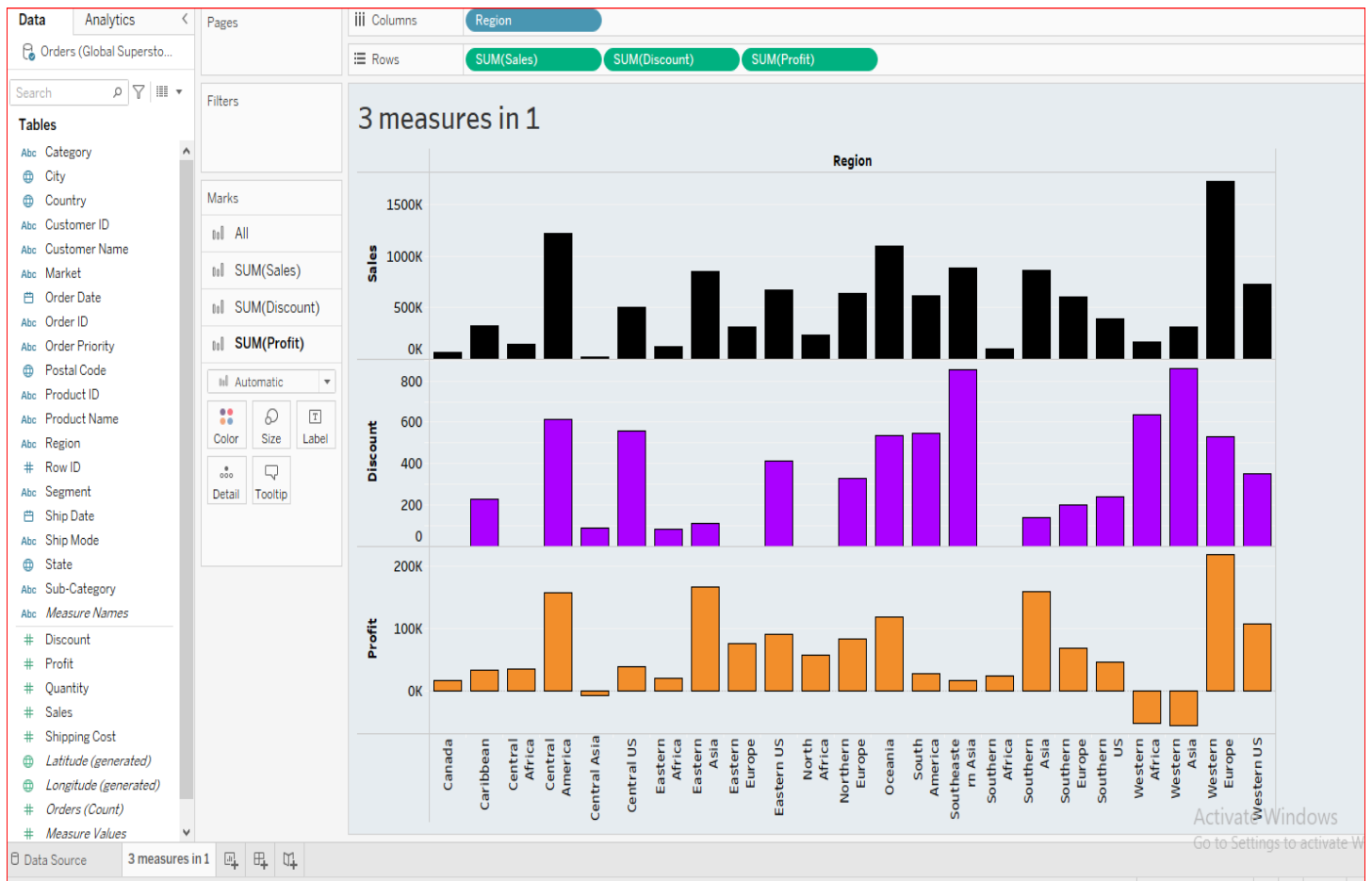


Tableau- Assignment 5

1. Using the PowerStore_USA dataset, create a visualization that displays two measures “Sales” and “Profit” side by side using “Side by Side Bars”. Use the dimension YEAR (Order Date) represented as discrete values for the above problem.



2. Using the Global Superstore Orders 2016 dataset, create a visualization wherein multiple measures are plotted on the same axis. You may depict at least 3 measures of your choice in your visualization e.g., Sales, Profit, Discount, etc.



3. Consider the situation as described: you have been sitting for the UPSC exams for the past four years. Now to improve your performance in your last attempt, you wish to analyze your performance in each subject over the course of four years. Draw a graph to show how well you performed in each topic throughout the course of your four previous attempts so that you can clearly see which subject you need to improve on. Plot a slope graph showcasing the first- and fourth-year results. You are required to create dummy data wrt to the above context, you can keep the data as short or as large as you may.

←→↺↻

Sheet1 (UPSC DUMMY DATA)

Connection
☒ Live ☐ Extract

Connections

Add

UPSC DUMMY DATA
Microsoft Excel

Sheets

Sheet1

New Union

New Table Extension

Sheet1

6 fields 4 rows

Name

Sheet1

Fields

Type	Field Name	Physical Table	Remote Field ...
	Date	Sheet1	DATE
	History	Sheet1	HISTORY
	Geography	Sheet1	GEOGRAPHY
	Politics	Sheet1	POLITICS
	Science	Sheet1	SCIENCE
	Current Affairs	Sheet1	CURRENT AFFA...

Sheet1 Date	Sheet1 History	Sheet1 Geography	Sheet1 Politics	Sheet1 Science	Sheet1 Current Affairs
01-01-2020	20	10	13	10	14
01-01-2021	20	10	15	11	22
01-01-2022	17	14	14	15	18
01-01-2023	22	10	17	12	27

Data

Analytics

Sheet1 (UPSC DUMMY D...

Search

Tables

Measure Names

Measure Values

Columns

YEAR(Date)

Measure Names

Rows

Measure Values

PERFORMANCE

Year of Date

2020

2021

2022

2023

Value

Geography

Science

Politics

History

Current Affairs

Measure Names

Geography

Science

Politics

History

Current Affairs

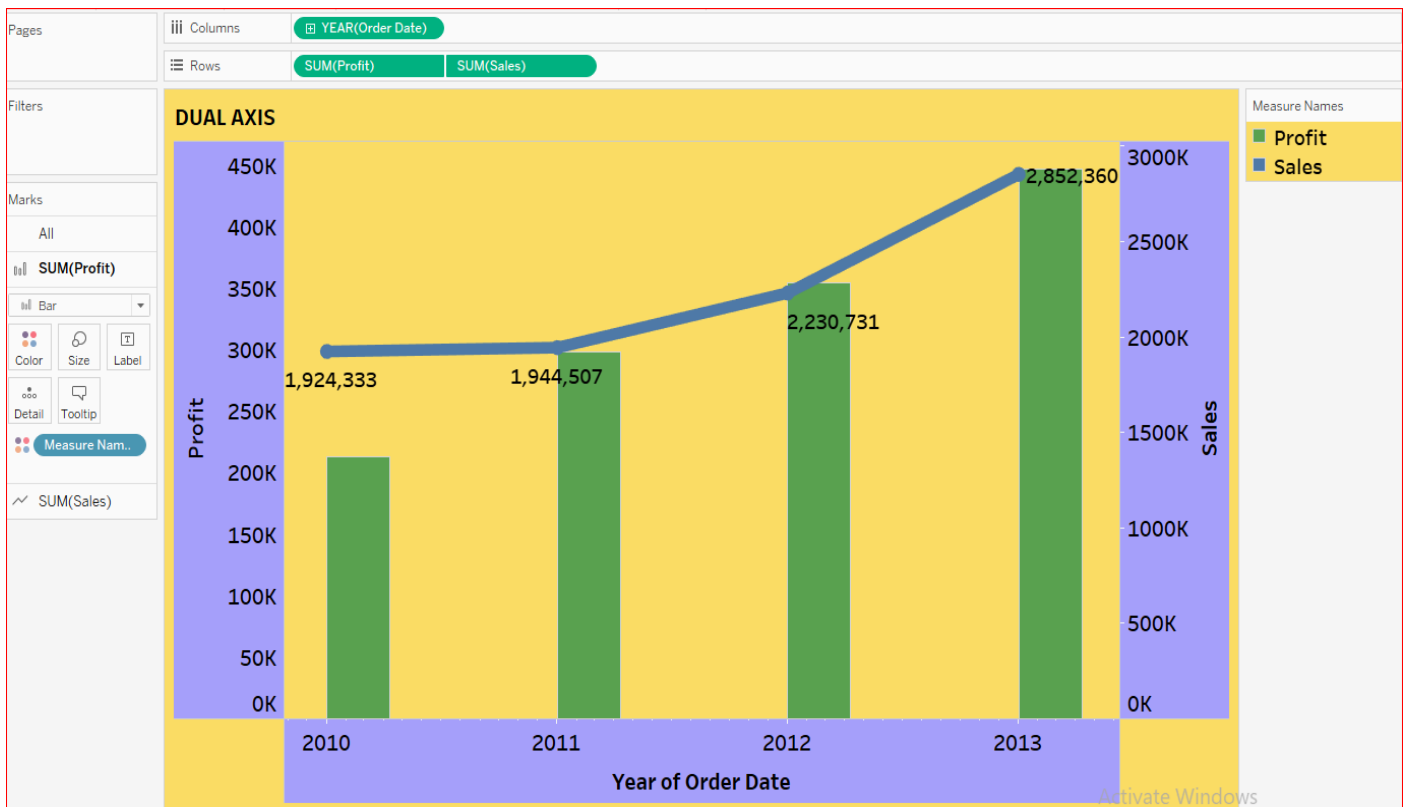
Data Source

PERFORMANCE

Activate Windows

Go to Settings to activate Windows.

4. You want to improve your company's marketing plans for its goods and services as a top executive. When developing creative marketing tactics, having a solid understanding of how profit performs as sales increase year over year will serve you well. Plot a "Sales" and "Profits" dual-axis chart so that you can understand the trends in both these measures over the years in the same view. Use the dimension YEAR (Order Date) represented as discrete values for the above problem.



5. The retail establishment "G mart" offers a wide variety of products under many headings, including "Mobile Devices," "Home Appliances," "Home Decor," "Stationary," and "Apparels," among others. You are a senior business analyst and would like to discover which subcategories make up the top half of the total revenue. Make a visualization that will aid your comprehension. You

can either use a self-created dataset with no restrictions on the number of rows and columns or you can also go for the datasets provided by us. You may even use sub-categories of your own choice.

Sub-Category

Revenue

[Sales] * [Quantity]

The calculation is valid.

1 Dependency ▾

Apply

OK

Abc Orders Category	Abc Orders Sub-Category	Abc Orders Product Name	# Orders Sales	# Orders Quantity	# Orders Discount	# Orders Profit	Group Manufacturer	+# Calculation Revenue
Office Supplies	Paper	Message Book, Wirebound, F...	16.45	2	0.200000	5.55	Message Book	32.90
Office Supplies	Binders	GBC Standard Plastic Bindin...	3.54	2	0.800000	-5.49	GBC	7.08
Office Supplies	Labels	Avery 508	11.78	3	0.200000	4.27	Avery	35.35
Office Supplies	Storage	SAFCO Boltless Steel Shelving	272.74	3	0.200000	-64.77	SAFCO	818.21
Office Supplies	Art	Avery Hi-Liter EverBold Pen ...	19.54	3	0.200000	4.88	Avery	58.61
Furniture	Chairs	Global Deluxe High-Back Ma...	2,573.82	9	0.000000	746.41	Global	23,164.38
Office Supplies	Art	Rogers Handheld Barrel Penc...	5.48	2	0.000000	1.48	Rogers	10.96
Office Supplies	Art	Dixon Prang Watercolor Penc...	12.78	3	0.000000	5.24	Dixon	38.34
Office Supplies	Binders	Ibico Hi-Tech Manual Binding...	609.98	2	0.000000	274.49	Ibico	1,219.96
Office Supplies	Fasteners	Alliance Super-Size Bands, A...	31.12	4	0.000000	0.31	Alliance	124.48
Office Supplies	Paper	Southworth 25% Cotton Gra...	6.54	1	0.000000	3.01	Southworth	6.54
Office Supplies	Paper	Xerox 225	19.44	3	0.000000	9.33	Xerox	58.32
Technology	Phones	Wireless Extenders zBoost Y...	755.96	4	0.000000	204.11	Other	3,023.84
Technology	Phones	GE 30524EE4	391.98	2	0.000000	113.67	GE	783.96
Furniture	Furnishings	Howard Miller 14-1/2" Dime...	76.73	3	0.600000	-53.71	Howard Miller	230.18
Office Supplies	Binders	Acco Four Pocket Poly Ring B...	10.43	7	0.800000	-18.25	Acco	73.01
Office Supplies	Art	Newell 312	9.34	2	0.200000	1.17	Newell	18.69
Technology	Accessories	Memorex Micro Travel Drive ...	31.20	3	0.200000	9.75	Memorex	93.60

