

EXPLORING SALES OF DIFFERENT SEGMENT IN US STATES

1. INTRODUCTION:

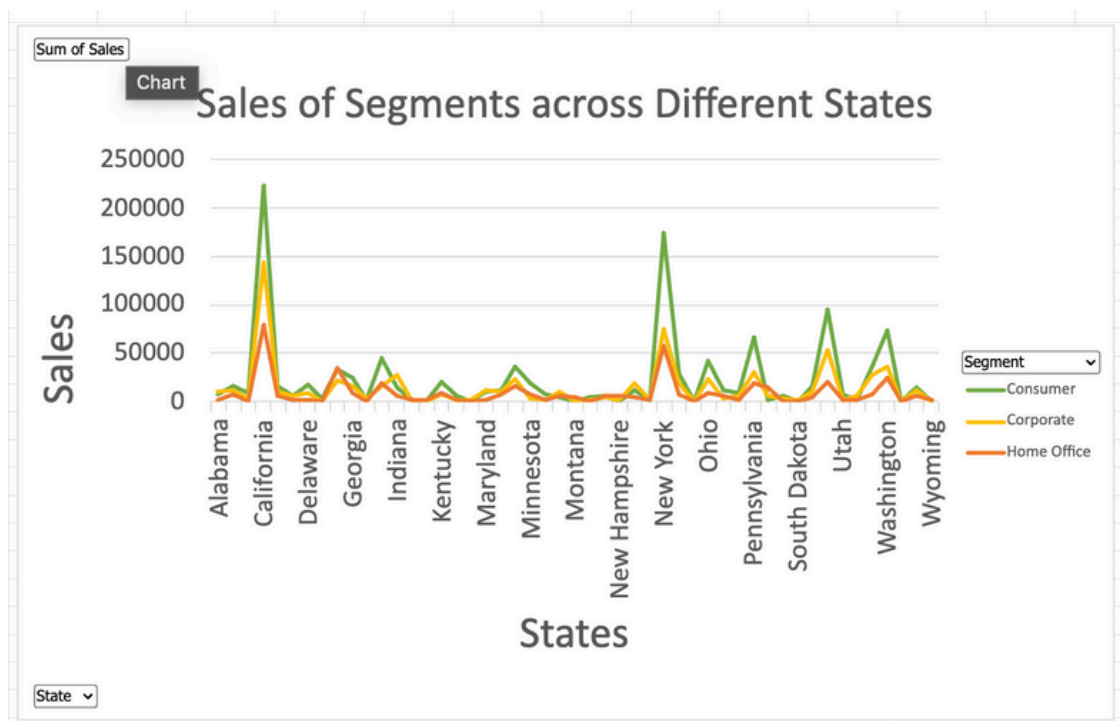
Our comprehensive dataset encompasses a vast array of variables, each elucidating distinct facets of heterogeneous category sales. Fundamental transactional attributes, such as temporal parameters and monetary exchange, are meticulously captured. Furthermore, intricate factors including clientele typology, demographic characteristics, and product classifications have been exhaustively documented, ensuring a holistic representation of the underlying phenomena.

2. QUESTIONNAIRE:

1. Compare all the US states in terms of Segment and Sales. Which Segment performed well in all the states?
2. Find out top performing category in all the states?
3. Which segment has most sales in US, California, Texas, and Washington?
4. Compare total and average sales for all different segment?
5. Compare average sales of different category and sub category of all the states.

3. ANALYTICS:

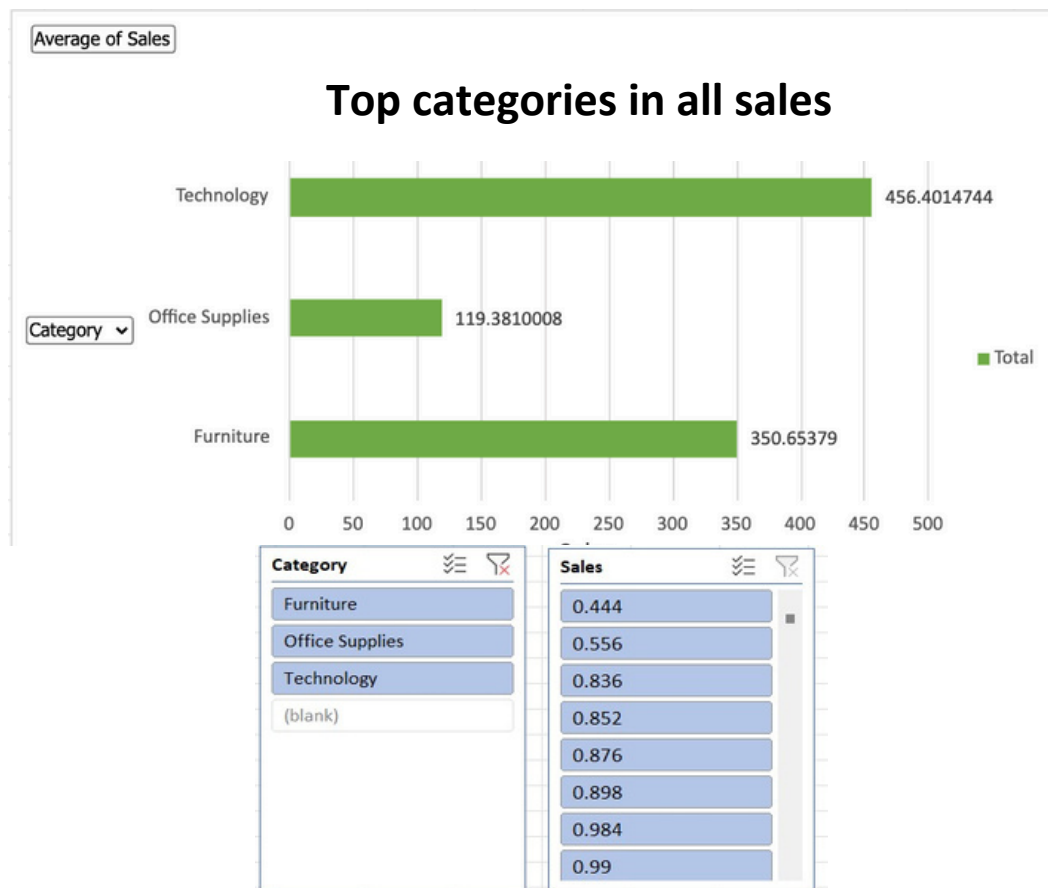
Q1. Compare all the US states in terms of Segment and Sales. Which Segment performed well in all the states?



Segment	State	Sales
Consumer	Alabama	0.444
Corporate	Arizona	0.556
Home Office	Arkansas	0.836
	California	0.852
	Colorado	0.876
	Connecticut	0.898
	Delaware	0.984
	District of Columbia	0.99

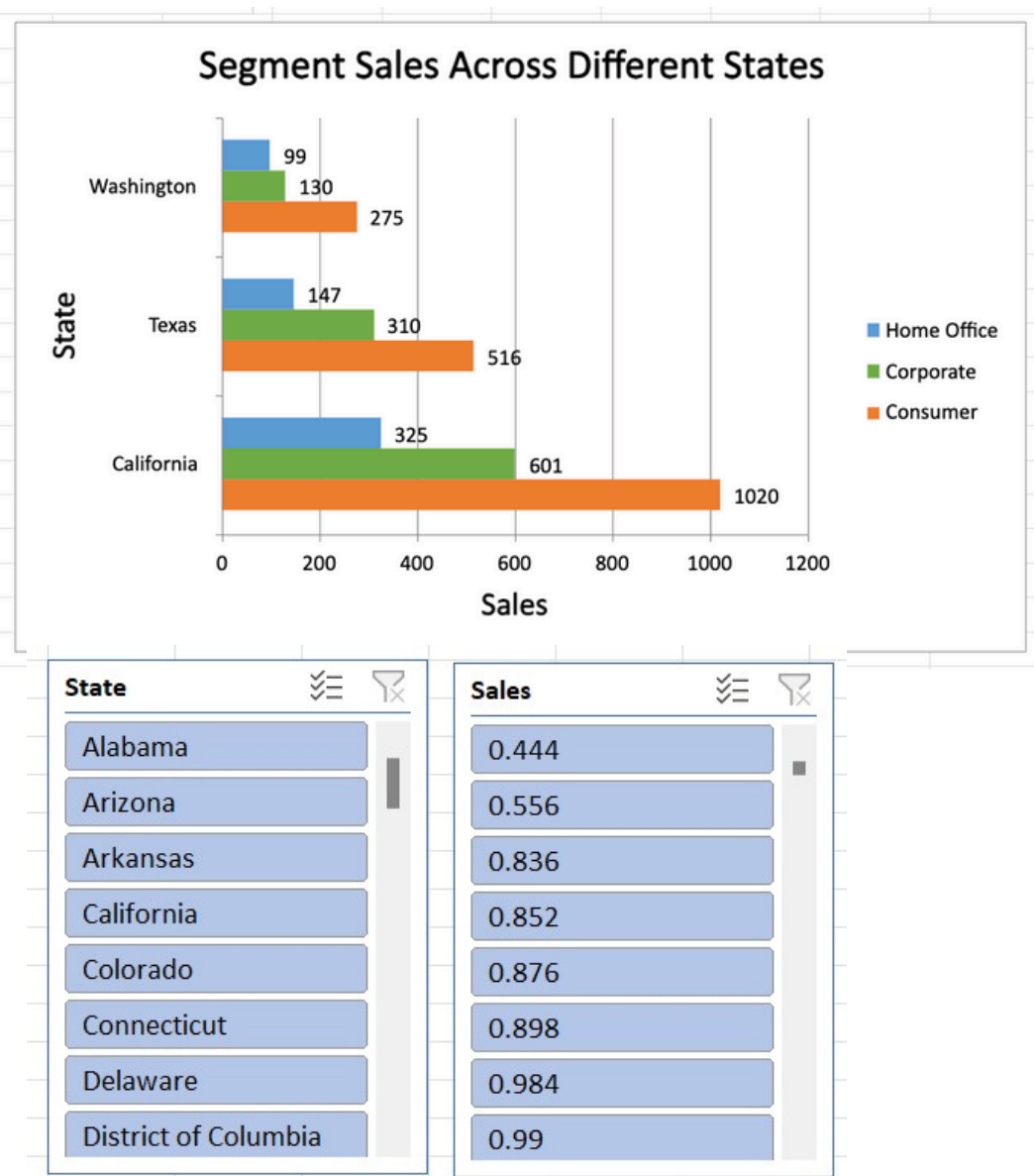
- After comparing all the states in terms of segment and sales
- California emerged as the state with the highest amount of sales Consumer segment performed well in all the states

Q2. Find out top performing category in all the states?



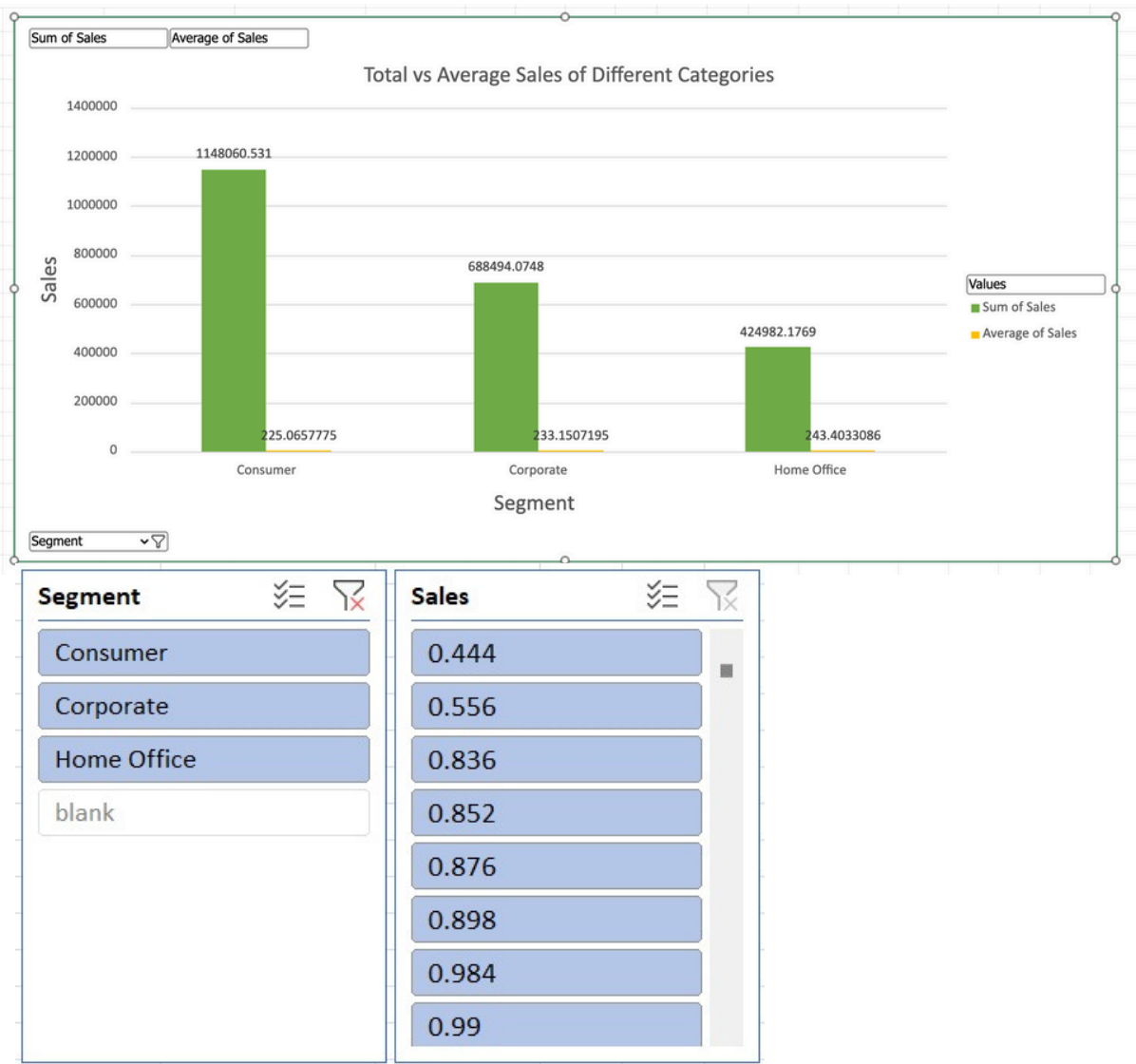
- Office Supplies is the top performing category in all the states

Q3. Which segment has most sales in US, California, Texas, and Washington?

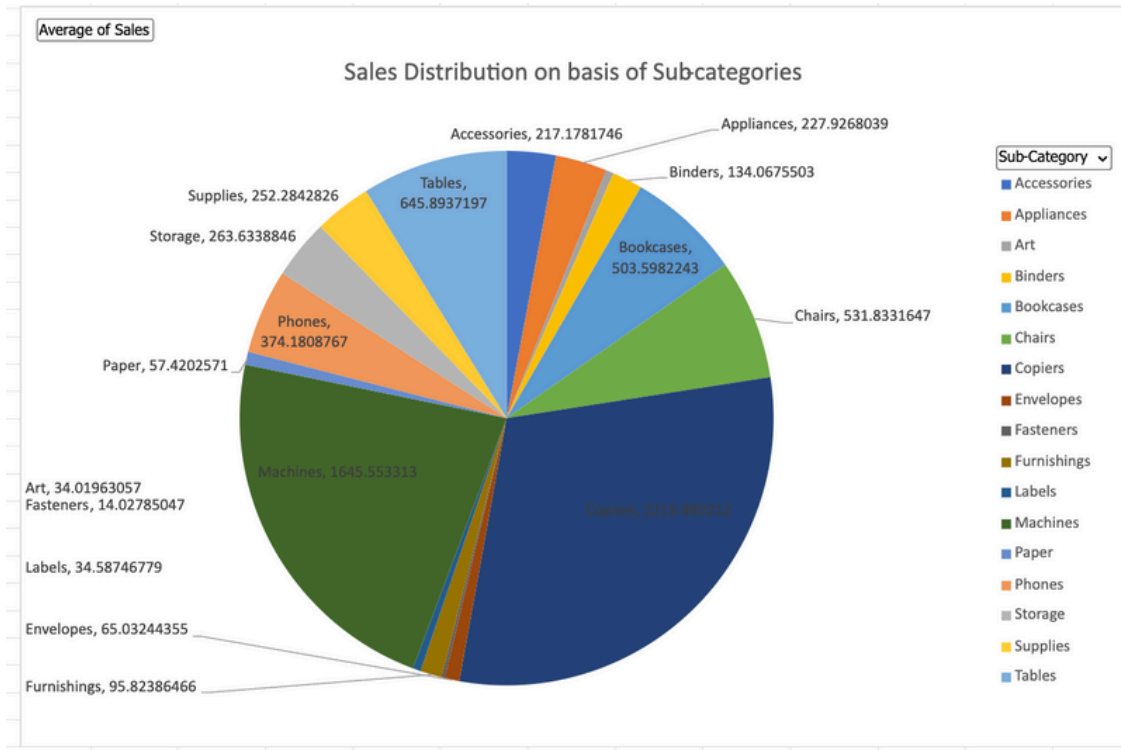


- Consumer segment has the most sales in US , California, Texas, and Washington

Q4. Compare total and average sales for all different segment?



Q5. Compare average sales of different category and sub category of all the states.



Sales	Sub-Category	Category
0.444	Accessories	Furniture
0.556	Appliances	Office Supplies
0.836	Art	Technology
0.852	Binders	
0.876	Bookcases	
0.898	Chairs	
0.984	Copiers	
0.99	Envelopes	

2. CONCLUSION:

Our comprehensive analysis of the provided dataset through a diverse array of data visualization methodologies has yielded significant insights. Through the creation of histograms, circular charts, and other visual representations, we have discerned patterns, trends, and correlations within the data that would have otherwise remained elusive. Our in-depth exploration of the dataset has not only augmented our understanding of the underlying information but has also empowered us to make informed decisions based on the extracted insights. By visually depicting the data, we have been able to communicate complex findings in a lucid and accessible manner, facilitating enhanced comprehension and actionable strategies.

Furthermore, this process has highlighted the paramount importance of data visualization as a potent instrument for extracting meaningful information from raw data. By leveraging the visual nature of graphs and charts, we have transformed numerical data and statistics into compelling narratives that drive understanding and inform decision-making.