



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

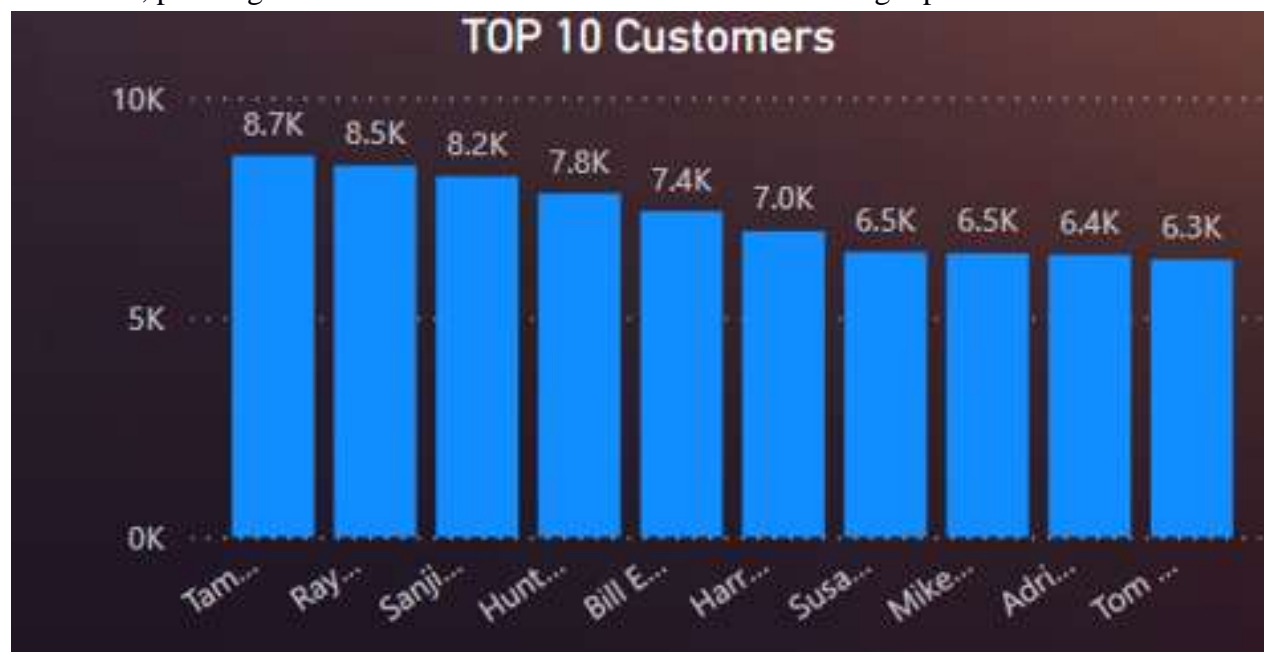
Experiment No.	1
Name	Chinmay Jadhav
UID No.	2021300046
Class & Division	TE COMPS A(F)
AIM	To demonstrate the electronic equipment sales in United States of America.

DATASET LINK: <https://www.kaggle.com/datasets/tahir1413/global-superstore-2016>

ANALYSIS:

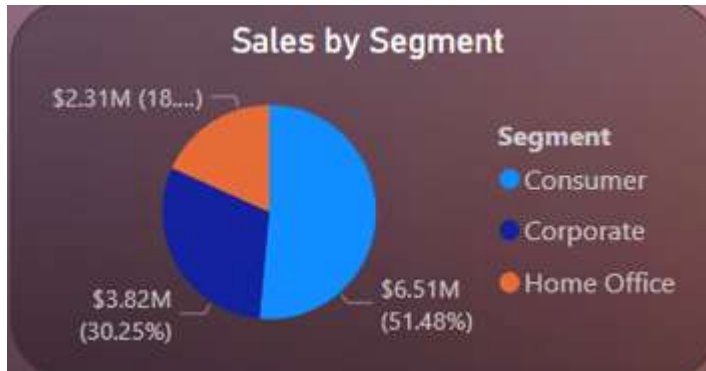
BARCHART:

Conclusion: The top customers contribute between 6.3K and 8.7K in terms of purchases. The graph indicates that there is a relatively small difference in the purchasing behavior of the top 10 customers, pointing towards a well-distributed customer base among top clients.



PIE CHART 1:

Conclusion: The "Consumer" segment dominates sales, contributing 51.48% of total revenue, followed by "Corporate" at 30.25%, and "Home Office" at 18.27%. This suggests that consumer-focused products drive the majority of the business.



PIE CHART 2:

Conclusion: The largest market is the USCA region, contributing 31.98% of sales, followed by Europe with 26% and Asia Pacific with 17.12%. This indicates that North America and Europe are the key geographical drivers of sales.



HISTROGRAM CHART

Conclusion: The highest profit comes from "Canon " products at 25K, followed closely by "Cisco " and "Cubify " at 17K each. This suggests that these products are key to the company's profitability and might warrant further focus for future growth



Conclusion: The product "Cubify " is generating the highest losses at -8.9K, followed by other products like "Lexmark " and "Motorola" with losses ranging between -4.6K to -3.5K. This indicates that these products may need review to address underlying issues affecting profitability.



Conclusion: Sales are spread across various global regions, with notable concentrations in North America, Europe, and parts of Asia. This highlights a diversified global market presence, with key hotspots in economically developed regions.



DASHBOARD:



