

(Note: the dataset is not given, so I used Power BI's dataset to do this assignment.)

TABLEAU FINAL PROJECT 100 marks



Orders.xlsx



People.xlsx

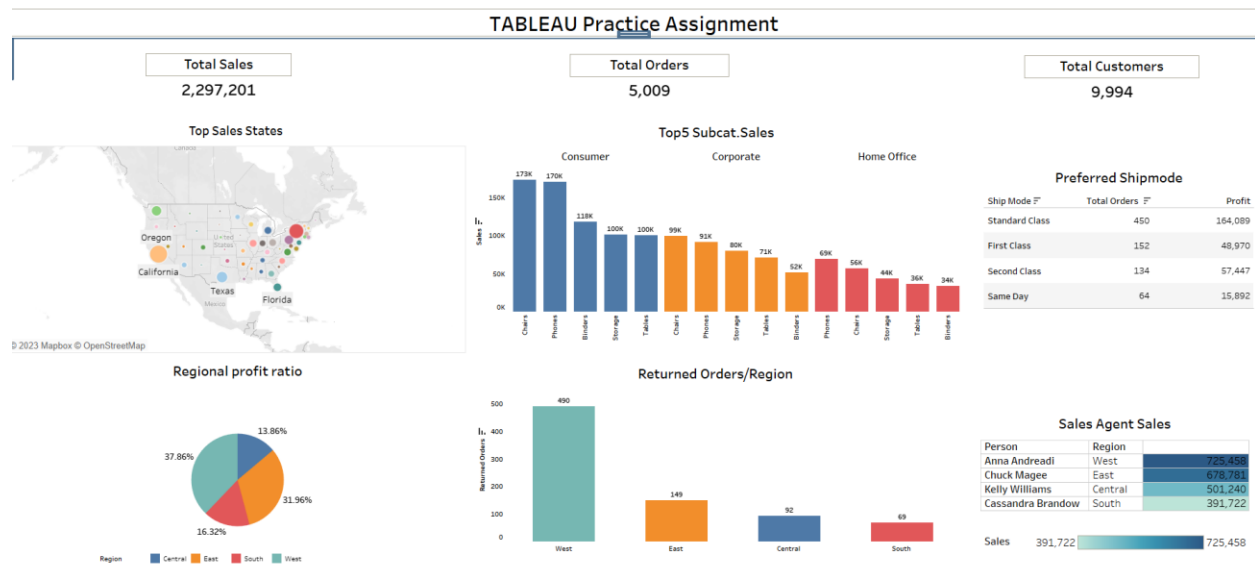


Returns.xlsx

Part A: Analyze the datasets and required output. (75 Marks)

1. Review the datasheets excel files. There were three sheets received. **Orders, People** and **Returns**.
2. **Orders data** has details of all sales, profit, orders, regions and products.
3. **People** sheet has names of sales person and their respective region.
4. **Return** sheet has those orders Ids which were returned.
5. 'Region' detail from **Orders** table can be mapped with 'Region' of **People** table to track sales person. You can connect those data bases based on region.
6. Similarly, 'Order ID' from **Orders** table can be mapped with 'Order Id' of **Return** table to track regional returned orders.
7. This information means that we can blend information from these tables to answer our question.
8. Load the excel files.
9. Create relationship as mentioned in above point 5 and 6. (10 Marks)
10. Formatting can be different, but content should be same.
11. Create visuals and dashboard with below output. Remove NULL values from map visual. (25 Marks)
12. After creating dashboard, make sure your visuals are interactive (50 Marks)
13. Follow video lectures to complete this project.

Output Dashboard



Part B: Using interactive visualization, answer below questions from your dashboard visuals. **(25 Marks)**

1. For **WEST** region, which state has highest sales?

For the WEST region, California has highest sales (i.e., \$ 457,687).

2. How many unique **TOTAL ORDERS** received in **WEST** region?

For the WEST region, there are 3203 unique total orders received.

3. In the **SOUTH** region, which **SUB-CAT** has the highest sales?

In the South region, Phones has the highest sales (i.e., \$58, 304).

4. What are the **TOTAL SALES** of sub-cat **CHAIRS** in **CONSUMER** segment?

Chairs	\$328,449
Consumer	\$172,862
Corporate	\$99,140
Home Office	\$56,445

5. Which **SHIPPING MODE** has the lowest **PROFIT** in **EAST** region?

The shipping mode "Same day" has the lowest profit in EAST region, which is \$8,141.