

### **Task-3**

1. Plot the count of males and females in the dataset.
2. Give the sum of amounts spent by each gender and plot the corresponding graph.
3. Count each age group and provide individual counts grouped by gender.
4. Plot the total amount spent by each age group.
5. Plot a graph depicting the total number of orders from the top 10 states.
6. Determine the total amount spent in the top 10 states.
7. Plot a comparison graph between the number of married and unmarried individuals.
8. Plot the amount spent by males and females based on marital status.
9. Plot the count of each occupation present in the dataset.
10. Plot the amount spent by each occupation in descending order.
11. Provide statistical analysis of each product category based on the percentage of orders completed.
12. Determine the budget spent on each product category in descending order.
13. Conclude with a detailed explanation of the insights gained from the dataset.

Refer the below link to complete the task:

[https://drive.google.com/file/d/1v2gj85i2LBjTi1y861cZBw\\_GMjY0 mRso/view?usp=sharing](https://drive.google.com/file/d/1v2gj85i2LBjTi1y861cZBw_GMjY0 mRso/view?usp=sharing)