**Online Shopping DataSet Questions**

1. **What is the average age of customers in the dataset ?**
2. **What is the most common item purchased ?**
3. **What is the total purchase amount for each category ?**
4. **What is the average review rating for male customers and female customers separately ?**
5. **What is the most common payment method used by customers ?**
6. **What is the median purchase amount (USD) ?**
7. **How many customers have opted for the Subscription and How many did not subscribed ?**
8. **What is the average purchase amount for customers with a subscription status of 'Yes' and 'No' ?**
9. **What is the most common season for purchases ?**
10. **What is the total purchase amount for each gender ?**
11. **What is the average age of customers who made purchases in the Summer season ?**
12. **How many customers used a promo code for their purchase ?**
13. **What is the maximum and minimum review rating in the dataset ?**
14. **What is the most common shipping type for customers with a review rating above 4 ?**
15. **How many customers have made more than 30 previous purchases ?**
16. **What is the average purchase amount for customers who have made more than 30 previous purchases ?**
17. **What is the most common payment method for customers who shop in the Winter season ?**
18. **What is the total purchase amount for customers with a 'Free Shipping' shipping type ?**
19. **What is the average purchase amount for customers who used a discount ?**
20. **What is the most common category of items purchased by female customers with a review rating below 3 ?**
21. **What is the average age of customers who made purchases with a review rating above 4 and used a promo code?**
22. **What is the total purchase amount for customers in each location ?**
23. **What is the average purchase amount for customers who have a subscription and used Venmo as the payment method ?**
24. **What is the frequency distribution of the 'Frequency of Purchases' column ?**
25. **What is the average purchase amount for each color of items ?**
26. **KDE plot for Purchase Amount by Season?**
27. **What is the most common payment method for customers who purchased items in the Fall season ?**
28. **How many customers have made a purchase in each category ?**
29. **What is the total purchase amount for each size of clothing items (XL, L, M, S) ?**
30. **What is the most common item purchased by customers in Louisiana with a review rating of 4 or higher ?**
31. **What is the most common category of items purchased by male customers in the Winter season with a review rating below 3 ?**
32. **How many customers have a subscription status of 'Yes' and used a promo code for their purchase ?**
33. **Box Plot of Purchase Amount by Gender?**
34. **Scatter Plot of Age vs Review rating?**
35. **Stacked Bar Chart of Subscription Status by Gender?**
36. **Violin Plot of review rating by Category?**
37. **Purchase Amount by Season and Pyament Method?**
38. **Hexbin Plot of Age vs Purchase Amount?**