Power BI Visuals Assignment

Question 1 : Create a Card Visual to show Total Sales.

Check tab ⇒ question 1

Question 2 : Create a Donut Chart showing Total Sales by Ship Mode and which ship mode generates the highest sales?

Check tab ⇒ question 2
Standard class generates the highest sales

Question 3 : Create a Line Chart showing the Sales Trend over time (by Month and Year). Is there any noticeable seasonal pattern in sales?

Check tab ⇒ question 3 & question 3 better way
Observation :

- a seasonal pattern is noticeable
- Sales increase toward the end of the each year (October–December)
- Peak sales often occur in November and December
- Lower sales are commonly seen in early months (January–February)

Question 4 : Create a Bar Chart to compare Sales by Category.

Check tab ⇒ question 4

Question 5 : Create a Matrix Visual to display Sales by Month and Category and identify the month with the highest sales
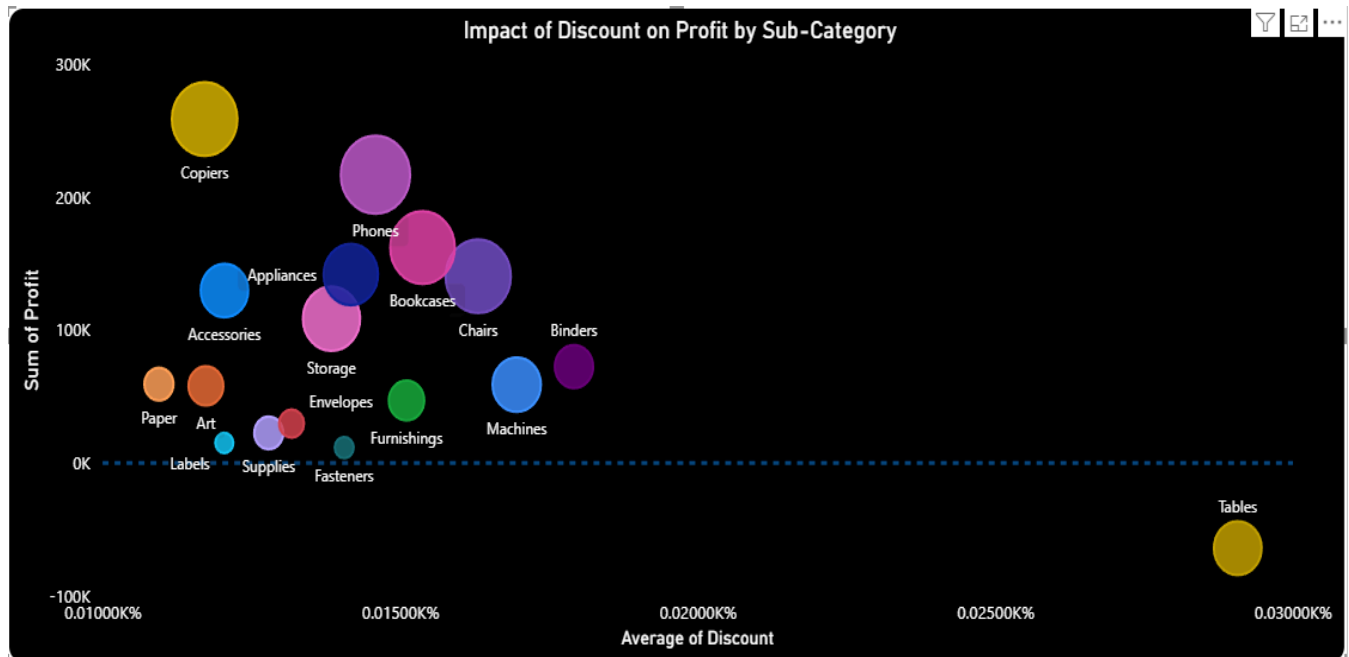
Question 6 : Create a Decomposition Tree for Sales Breakdown.
Look for any bubbles in the **bottom-right quadrant** (High Discount, Low/Negative Profit). As seen in the analysis, **Tables** will appear as a distinct outlier in this section.
Check tab ⇒ question 6

Question 7 : Create a Scatter Chart to compare Discount vs. Profit by Sub-Category. Are there any outliers where high discounts resulted in negative profit?
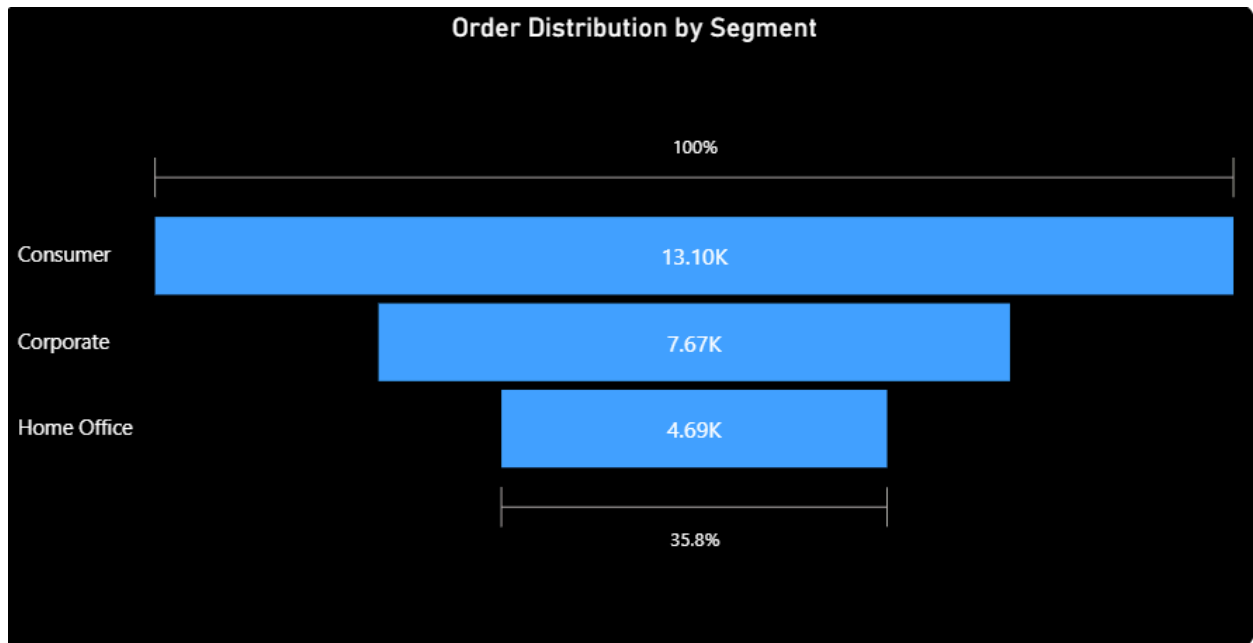
Check tab ⇒ question 7

Impact of Discount on Profit by Sub-Category

Yes ,Outlier is there . Question 8 : Use a Funnel Chart to show the number of orders by Customer Segment.After Looking at the bubbles in the bottom-right quadrant (High Discount, Low/Negative Profit), **Tables** will appear as a distinct outlier in this section.

Question 8 : Use a Funnel Chart to show the number of orders by Customer Segment.

Check tab ⇒ question 8

Question 9 : Use a Waterfall Chart to analyze how Profit changes by Category within the countries.

Check tab ⇒ question 9 & question 9 in better way

Question 10 : Create a Dual-Axis Line Chart to show Total Sales and Profit Over Time (by Month).

Check tab ⇒ question 10