Data visualisation Assignment-5C

Instructions

- Download the dataset from the given link and solve the following questions based on it - sample_-_superstore.xls
- Load the data into PowerBI and perform the following Visualisation operations
- “use the first row as headers” in case fields of the dataset are in the first row in power query transformation.
- Each exercise will have a task description and a hint to guide you in completing the transformation.
- Make sure to read the dataset and field descriptions carefully to understand the context and requirements.

Question -

Question - 1 - Create a bar chart to visualise the total sales by category.
Hint: Use the "Category" field for the x-axis and the "Sales" field for the y-axis in a bar chart.

Questions - 2 - Create a line chart to show the trend of sales over time.
Hint: Use the "Order Date" field for the x-axis and the "Sales" field for the y-axis in a line chart.

Question - 3 - Create a scatter plot to analyse the relationship between sales and profit.
Hint: Use the "Sales" field for the x-axis and the "Profit" field for the y-axis in a scatter plot.

Question 4 - Create a donut chart to show the distribution of sales by segment.
Hint: Use the "Segment" field for the donut slices and the "Sales" field for the size of each slice.

Question 5 - Create a map visualisation to display the sales by country.
Hint: Use the "Country" field in the map visualisation to show the sales value for each country.

Question 6 - Create a treemap to visualise the sales by product category.
Hint: Use the "Category" field in the tree map visualisation to represent the sales value for each category

Question 7 - Create a table to display the top 10 products by sales.
Hint: Sort the "Sales" field in descending order and limit the table to display only the top 10 records.

Question 8 - Create a line and clustered column chart to compare the sales and quantity sold over time.
Hint: Use the "Order Date" field for the x-axis and include both the "Sales" and "Quantity" fields in a line and clustered column chart.