**Assignment 2: Create a Dashboard and Story for Sales Data Set**

For this assignment, you will use a dataset containing information about sales data for an e-commerce company. The dataset includes columns such as Order ID, Order Date, Product Category, Quantity, Sales, and Profit. Please make sure you have the dataset ready before proceeding with the assignment.

In this assignment, you will use Tableau to create various data visualizations based on a given dataset. Tableau is a powerful data visualization tool that allows you to explore, analyze, and present data in a visually appealing manner.

**Questions for this assignment**

**Task 1: Line Chart**

Create a line chart to visualize the trend of sales over time. Use the Order Date dimension on the x-axis and the Sum of Sales measure on the y-axis. Customize the chart with appropriate labels, titles, and color scheme. Add a filter to the chart to allow users to select a specific product category.

**Task 2: Bar Chart**

Create a bar chart to compare the total sales for each product category. Use the Product Category dimension on the x-axis and the Sum of Sales measure on the y-axis. Sort the bars in descending order based on sales. Add appropriate labels, titles, and color scheme to the chart.

**Task 3: Scatter Plot**

Create a scatter plot to explore the relationship between sales and profit. Use the Sales measure on the x-axis and the Profit measure on the y-axis. Size the scatter plot marks based on the quantity of products sold. Customize the chart with labels, titles, and color scheme.

**Task 4: Map Visualization**

Create a map visualization to display the geographical distribution of sales. Use the Country dimension to plot the sales data on a map. Customize the map with appropriate colors, labels, and tooltips. Add a filter to the map to allow users to select a specific product category.

**Task 5: Dashboard**

Create a dashboard that includes the line chart, bar chart, scatter plot, and map visualization. Arrange the visualizations in a logical and visually appealing manner. Add filters and interactivity to the dashboard to allow users to explore the data. Customize the layout, titles, and captions of the dashboard.

**Task 6: Story**

Create a story that tells a narrative using the visualizations from the previous tasks. Use the story to present insights, trends, and patterns in the data. Add annotations and captions to provide context and explanations. Customize the layout and order of the story points.