**Problem Statement**

**KPI's requirement**

**1: Sales Overview-(**a).Year-to-date(YTD) total sales.

(b).Month-to-date(MTD) total sales.

(c).Year-over-year(YOY) Growth in total sales

(d).Difference between YTD sales and previous year to date(PYTD) sales

**2: Average Price Analysis**:(a).YTD average price

(b).MTD average price

(c).YOY growth in average price

(d).Difference between YTD average price and PYTD average price.

**3: Cars Sold Metrics**:(a).YTD cars sold

(b).MTD cars sold

(c).YOY growth in cars sold

(d).Difference between YTD cars sold and PYTD cars sold.

**CHARTS REQUIREMENTS**

**1. YTD sales weekly trend**-Display a line chart illustrating the weekly trend of YTD sales.

**2. YTD total sales by body style-** Visualize the distribution of YTD total sales accross different car body styles using a pie chart.

**3. YTD total sales by color**- Present the contribution of various car colors to the YTD total sales through a pie chart.

**4. YTD cars sold by Dealer Region**- Showcase the YTD sales data based on different dealer regions using a map chart to visualize the sales distribution geographically

**5. Company wise sales trend in Grid from**- Provide a tabular grid that displays the sales trend for each company. The grid should showcase the company name along with their YTD sales figures.

**6. Details grid showing all car sales information-** Create a detailed grid that presents all relevant information for each car sale,including car model,body style,color,sales amount,dealer,region,date etc.