

# Problem Statement

## (QUESTIONS)

1. Develop a Line chart using the functionality of pandas to show how automobile sales fluctuate from year to year
2. Plot different lines for categories of vehicle type and analyse the trend to answer the question Is there a noticeable difference in sales trends between different vehicle types during recession periods?
3. Use the Matplotlib Library to create a visualization to compare the sales trend per vehicle type for a recession period with a non-recession period.
4. Use the functionality of Matplotlib to develop a scatter plot to identify the correlation between average vehicle price relate to the sales volume during recessions.
5. Create a pie chart to display the portion of advertising expenditure of Automotive during recession and non-recession periods.