

**Data Visualization with Matplotlib Assignment**

**Problem Statement:**

You work in XYZ Company as a Python. The company officials want you to build a python program.

Tasks to beperformed:

1. Load cars data as dataframe using pandas and create a bar plot between number of cylinders and frequncy of cars with that many number of cylinders.

- Set xlabel as Number of cylinders.

- Set ylabelas Frequency of cars.

- Draw a bar plot.2.

2. Write code to load data from cars and print a bar graph of count of columns with null values.

3. Use the 'mpg' (Miles Per Gallon column) and draw a histogram

i. Set xlabel: Miles per gallon

ii. Set ylabel: Frequency

iii. Set title as Miles Per Gallon Histogram

iv. Use mpg column to generate a histogram

4. Draw a boxplot on the card dataframeshp column

i. Set xlabel: Car Horsepower

ii. Set title as Boxplot for car horsepower

iii. Use hp column to generate a boxplot