

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 be performed:

1. Load cars data as dataframe using pandas and create a bar plot between number of cylinders and frequency of cars with that many number of cylinders.
 - Set xlabel as Number of cylinders.
 - Set ylabel as Frequency of cars.
 - Draw a bar plot.
 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 dataframes hp column
 - i. Set xlabel: Car Horsepower
 - ii. Set title as Boxplot for car horsepower
 - iii. Use hp column to generate a boxplot
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