1. **Linear Regression Exercise**

**Objective:**

In this exercise, you will learn how to implement a linear regression model using Python. You will fill in the missing code to preprocess the data, select features, split the data into training and testing sets, train the model, and evaluate its performance. By the end of this exercise, you should understand the basic workflow of building a machine learning model and how to assess its accuracy.

**Instructions:**

1. **Import Libraries**: Ensure you have the necessary libraries imported (pandas, numpy, sklearn).
2. **Load the Dataset**: Use the provided URL to load the dataset into a pandas DataFrame.
3. **Preprocess the Data**:
   * Replace missing values (denoted by '?') with NaN and drop any rows with missing values.
   * Convert the columns price, horsepower, engine\_size, and curb\_weight to numeric types.
4. **Select Features and Target Variable**:
   * Choose appropriate features (independent variables) for your model.
   * Define the target variable (dependent variable) as price.
5. **Split the Data**: Split the dataset into training and testing sets using train\_test\_split.
6. **Train the Model**: Fit a LinearRegression model using the training data.
7. **Predict and Evaluate**: Use the model to make predictions on the test data and calculate the Mean Squared Error (MSE) to evaluate the model's performance.