DATA SCIENCE ASSIGNMENT

Day - 29:

1. What does the term "multicollinearity" refer to in the context of multiple linear regression?

2. What is the purpose of the adjusted R-squared in multiple linear regression?

3. In the context of feature selection in multiple linear regression, what does the term "stepwise regression" refer to?

4. Implement a Python function to calculate the mean squared error (MSE) for a given set of predictions and actual values in the context of multiple linear regression.

5. write the python function to visualize a multiple linear regression model using motplotlib ,considering one feature at a time.