

DATA SCIENCE ASSIGNMENT

Day - 26:

- 1. What is the primary goal of regression analysis?**

- 2. In the context of simple linear regression, what does the term "residual" refer to?**

- 3. What is the purpose of the coefficient of determination (R^2) in a regression model?**

- 4. Write a Python function to visualize a simple linear regression model using matplotlib.**

- 5. Given a linear regression model with coefficients (slope and intercept), write a function to make predictions for new input values**

