

DATA SCIENCE ASSIGNMENT

Day - 27:

- 1.If the correlation coefficient between the dependent and independent variables in a simple linear regression model is -0.85, what does this indicate?**
- 2.In a simple linear regression equation $Y=2X+3$, what does the coefficient 2 represent?**
- 3.What is the primary purpose of the intercept term in a simple linear regression equation?**
- 4.write a python function to split into training and testing set and perform simple linear regression on the training set.**
- 5. Write a Python function to calculate the slope and intercept of a simple linear regression model using the method of least squares.**

