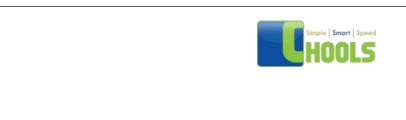


## DATA SCIENCE ASSIGNMENT

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-squared) 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 ntercept), write a function to make predictions for new input values



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