

Linear Reg :- MSE = Min (Sum of Squared Errors)  
 $\downarrow$  LI Regularization.

$$\text{MSE} = \text{Min} (\text{Sum of Squared Error} + \underbrace{\boxed{\alpha}}_{\substack{\text{Bias term} \\ \downarrow \\ \text{Slope}}} * \text{Slope})$$

Least Regression Implementation in python.