

Regression-4

Assignment Questions



Q1. What is Lasso Regression, and how does it differ from other regression techniques?

Q2. What is the main advantage of using Lasso Regression in feature selection?

Q3. How do you interpret the coefficients of a Lasso Regression model?

Q4. What are the tuning parameters that can be adjusted in Lasso Regression, and how do they affect the model's performance?

Q5. Can Lasso Regression be used for non-linear regression problems? If yes, how?

Q6. What is the difference between Ridge Regression and Lasso Regression?

Q7. Can Lasso Regression handle multicollinearity in the input features? If yes, how?

Q8. How do you choose the optimal value of the regularization parameter (λ) in Lasso Regression?

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

