

Regression-3

Assignment Questions



Q1. What is Ridge Regression, and how does it differ from ordinary least squares regression?

Q2. What are the assumptions of Ridge Regression?

Q3. How do you select the value of the tuning parameter (λ) in Ridge Regression?

Q4. Can Ridge Regression be used for feature selection? If yes, how?

Q5. How does the Ridge Regression model perform in the presence of multicollinearity?

Q6. Can Ridge Regression handle both categorical and continuous independent variables?

Q7. How do you interpret the coefficients of Ridge Regression?

Q8. Can Ridge Regression be used for time-series data analysis? If yes, how?

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.

