

Machine learning

1. A) Least Square Error
2. A) Linear regression is sensitive to outliers
3. B) Negative
4. C) Both of them
5. C) Low bias and high variance
6. B) Predictive model
7. D) Regularization
8. A) Cross validation
9. A) TPR and FPR
10. B) False
11. D) Forward selection
12. D) It does not make use of dependent variable
13. Regularizations are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid over fitting
14. LASSO(Least Absolute Shrinkage and Selection Operator) regression, Ridge regression, Dropout regularization are the algorithms used for regularization
15. The error term is the difference between what the model is predicting and the actual value