

MACHINE LEARNING

1. A) Least square error
2. A) Linear regression is sensitive to outliers
3. B) Negative
4. B) Correlation
5. C) Low bias and high variance
6. A) Predictive model
7. D) Regularization
8. D) SMOTE
9. C) Sensitivity and specificity
10. A) True
11. B) Apply PCA to project high dimensional data
12. B) It becomes slow when number of features is very large.
C) We need to iterate
13. Regularization is a technique that improves model accuracy as well as prevents underfitting and overfitting. It is a form of regression.
14. LASSO regression, Ridge regression, Elastic-net regression
15. The term error in a linear regression is the difference between the expected value at a particular time and the value that was actually observed.