

MACHINE LEARNING

MCQs

1. A) Least Square Error
2. A) Linear regression is sensitive to outliers
3. B) Negative
4. A) Regression
5. C) Low bias and high variance
6. B) Predictive modal
7. B) Removing outliers
8. D) SMOTE
9. C) Sensitivity and Specificity
10. B) False
11. B) Apply PCA to project high dimensional data
12. A) We don't have to choose the learning rate.
B) It becomes slow when number of features is very large.
C) We need to iterate.

subjective answer

13. Explain the term regularization?

->Regularization are the techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting.

14. Which particular algorithms are used for regularization?

-> Algorithms are used for regularization 1) Ridge Regression 2)Lasso and 3) Dropout

15. Explain the term error present in linear regression equation?

->The error term of a regression equation represents all of the variation in the dependent variable not explained by the weighted independent variables.