MACHINE LEARNING

1. A. Least Square Error Method
2. A. Linear regression is sensitive to outliers
3. B. Negative
4. B.Correlation
5. C. Low bias and high variance
6. B. Predictive modal
7. D.Regularization
8. D.SMOTE
9. A.TPR and FPR
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.

13. Regularization is a technique used to reduce errors by fitting the function appropriately on the given training set and avoiding overfitting.

14. Ridge Regression (L2 Norm) , Lasso (L1 Norm), Dropout

15. An error term represents the margin of error within a statistical model; it refers to the sum of the deviations within the regression line, which provides an explanation for the difference between the theoretical value of the model and the actual observed results.

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