

ASSIGNMENT4

1. D) Both A and B
2. A) Linear regression is sensitive to outliers
3. B) Negative
4. B) Correlation
5. A) High bias and high variance
6. Reinforcement learning
7. D) Regularization
8. D) SMOTE
9. TPR and FPR
10. B) False
11. 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 techniques or method in machine learning used to calibrate models inorder to minimize the adjusted loss function and enabling the model to give the best possible fit thereby preventing the case of overfitting and underfiffing
14. algorithms used are Ridge Regularization and Lasso Regularization and Elastic Regularization
15. the error term simply means the corresponding difference between the observed values and the expected values which is known as the residual standard error and this error is random