

Machine learning Assignment Answers

Ans 1. - Option A : Least Square Error

Ans 2. - Option A : Linear regression is sensitive to outliers

Ans 3. - Option B : Negative

Ans 4. - Option B : Correlation

Ans 5. - Option C : Low bias and high variance

Ans 6. - Option B : Predictive model

Ans 7. - Option D : Regularization

Ans 8. - Option D : SMOTE

Ans 9. - Option A : TPR & FPR

Ans 10. - Option B : False

Ans 11. - Option A : Construction Bag of words from a email

Ans 12. - Option A : We don't have to choose the learning rate

Option B : It becomes slow when number of features is very large

Ans 13. - Regularization : It is a technique to prevent the model from overfitting by adding extra information to it

Ans 14. - There are two algorithms which are used for regularization : A) Ridge Regression
B) Lasso Regression

Ans 15. - The error term present in the linear regression equation represents the difference between the predicted output value and the actual observed output value.