MACHINE LEARNING

1. Which of the following methods do we use to find the best fit line for data in Linear Regressio?

 Ans:-A) Least Square Error

2. Which of the following statement is true about outliers in linear regression?

 Ans:-A) Linear regression is sensitive to outliers.

3. A line falls from left to right if a slope is _____?

Ans:- B) Negative

 4. Which of the following will have symmetric relation between dependent variable and independent variable?

 Ans:- C) Both of them

5. Which of the following is the reason for over fitting condition?

Ans:- A) High bias and high variance

 6: If output involves label then that model is called as:

Ans:- b)Predictive model

7. Lasso and Ridge regression techniques belong to _____?

Ans:- A) Cross validation

 8. To overcome with imbalance dataset which technique can be used?

Ans:-D) SMOTE

 9. The AUC Receiver Operator Characteristic (AUCROC) curve is an evaluation metric for binary classification problems. It uses _____ to make graph?

Ans:- C) Sensitivity and Specificity

10. In AUC Receiver Operator Characteristic (AUCROC) curve for the better model area under the curve should be less.

 Ans:- A) True

 11. Pick the feature extraction from below:

 Ans:- A) Construction bag of words from a email

12. Which of the following is true about Normal Equation used to compute the coefficient of the Linear Regression?

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

13. Explain the term regularization?

Ans:- Regularization is a technique used to reduce the errors by fitting the function appropriately on the given training set and avoid overfitting.

14. Which particular algorithms are used for regularization?

Ans:-lasso L1regularization
And ridge L2 regularization

15. Explain the term error present in li

Ans:-