MACHINE LEARNING SOLVED ASSIGNMENT

1. A) Least Square Error

2. A) Linear regression is sensitive to outliers

3. B) Negative

4. B) Correlation

5. C) Low bias and high variance

6. B) Predictive model

7. D) Regularization

8. D) SMOTE

9. C) Sensitivity and specificity

10. B) False

11. A) Construction bag of word

12. A) and B)

13. Explain the term regularization.

Ans: - The term Regularization means re-modellingor correcting the data in such a way that it could produce the result in a expected way.

14. Which particular algorithm is used for regularization?

Ans: - Two algorithms are used most for regularization – i) Ridge Regression and ii) Lasso regression.

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

Ans: - Error term is also known as residual.