MACHIN LEARNING WORKSHEET- 1

Q1> A) Least Square Error.

Q2> A) Linear Regression is sensitive to outliers.

Q3> B) Negative.

Q4> B) Correlation.

Q5> C)Low bias and high variance.

Q6> B) Predictive Modal.

Q7> D) Regularization.

Q8> D) SMOTE.

Q9> A) TPR and FPR.

Q10> A) TRUE.

Q11> B) Apply PCA to project high dimentsional data.

Q12>   D) it does not make use of dependent variable.

      B) it becomes slow when number of features is very large.

Q13> The word regularization means to make things regular or acceptable . this is exactly why we use it for. Regularization are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting..

Q14>   1) Ridge Regression.

      2) Lasso Regression.

      3) Elasticnet.

Q15> 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 explation value of the model and the actual oberseved results..