MachineLearning_assignment

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 model

Q7: D) Regularization

Q8: D) SMOTE

Q9: C) Sensitivity and Specificity

Q10: B) False

Q11: B) Apply PCA to project high dimensional data

Q12: B) It becomes slow when number of features is very large.
D) It does not make use of dependent variable.

Q13: Regularisation is used to reduce the complexity of the model by neutralising the coefficients or   reducing the features

Q14: L1: Lasso , L2: Ridge

Q15: the error is the distance between the predicted value and the observed value