MACHINE LEARNING

(1) question ----Which of the following methods do we use to find the best fit line for data in Linear Regression?

ANS---(Least Square Error)

(2)QUESTION-- (Which of the following statement is true about outliers in linear regression?)

ANS--- linear regression is sensitive to outliers

(3) QUESTION --- line falls from left to right if a slope is _____?

ANS----a line falls left to right then slope is negative

(4)QUESTION--- Which of the following will have symmetric relation between dependent variable and independent

ANS---- both of then

(5)QUESTION---which of the following is the reason for over fitting condition?

ANS---low bias and high variance

(6)QUESTION--- if out put involves label, then that model is called as:

#Ans---b—predictive

(7)QUESTION---LASSO AND ridge regression technique belongs to ___

#ANS---REGULARIZATION

(8)QUESTION---TO OVERCOME WITH IMBALANCE Dataset which technique can we used

(9)ANS----cross validation

(10)QUESTION--- In AUC Receiver operator characteristic(AUCROC) CURVE IS AN Evalution me classification problem it used ___ to make graph

ANS----TPR AND fpr

(!!)QUESTION----In AUC receiver operator Characteristic (AUCROC) CURVE FOR THE BETTER MODEL AREA CURVE SHOULD BE LESS S

#ANS---A)true

(12) -QUESTION----Pick the feature extraction from below:

ANS--- APPLY pca to project high dimensional data

(13)QUESTION---12. Which of the following is true about Normal Equation used to compute the coefficient of the Linear

Ans=---we need to iterate

(14)question---. Explain the term regularization?

Answer ---Regularization is a process that changes the result answer to be simpler it is a often used to obtain result for ill-posed problems or to prevent overfitting

(15) Although regularization procedures can be divided in many ways one particular delineation is particularly helpful":

--question=--What are the different algorithms are used for regularization ?

ANS---(.) Ridge Regression (.)Lasso(least Absolute Shrinkage and selection Operator) Regression (.) Elastic -NET regression

QUESTION---Explain the term error present in linear regression equation?

#ANS --- positive negative zeros