

Assignments Sheet : Machine Learning

Answer 1 :

D) Both A and B

Answer 2 :

A) Linear regression is sensitive to outliers

Answer 3 :

B) Negative

Answer 4 :

C) Both of them

Answer 5 :

C) Low bias and high variance

Answer 6 :

A) Descriptive model

Answer 7 :

D) Regularization

Answer 8 :

D) SMOTE

Answer 9 :

A) TPR and FPR

Answer 10 :

B) False

Answer 11 :

B) Apply PCA to project high dimensional data

Answer 12 :

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

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

C) We need to iterate.

Answer 13 :

regularization refers to the process of adding a penalty term to the objective function of a model to prevent overfitting and improve its generalization performance

Answer 14 :

Linear Regression Algorithm is used for regularization.

Answer 15 :

The term error present in linear regression equation refers to the difference between the observed values of the dependent variable and the values predicted by the linear regression model.

