ASSIGNMENT 3

1)

d) Collinearity

2)

b) Random Forest

3)

c) Decision Tree are prone to overfit

4)

c) Training data

5)

c) Anamoly detection

6)

c) Case based

7)

d) Both a and b

8)

b) Calculate the distance of test case for all training cases

9)

c) 3

10)

a) PCA

11)

c) Neither feature nor number of groups is known

12)

SVG

13)

b) Underfitting

14)

d) None of the above

15)

b) Mean squared error

16)

c) Nonlinear, binary

17)

A. supervised learning

18)

C. both a and b

19)

D. none of these

20)

B. hidden attribute.

21)

(A) SVM allows very low error in classification

22)

(B) Only 2

23)

(A) -(6/10 log(6/10) + 4/10 log(4/10))

24)

(A) weights are regularized with the l1 norm

25)

(A) Perceptron and logistic regression

26)

(D) Either 2 or 3

27)

(B) increase by 5 pound

28)

(D) Minimize the squared distance from the points

29)

(C) As the value of one attribute decreases the value of the second attribute increases

30)

(B) Convolutional Neural Network