

Question 1:

Ans: d) Collinearity

Question 2:

Ans: b) Random Forest

Question 3:

Ans: c) Decision Tree are prone to overfit

Question 4:

Ans: c) Training data

Question 5:

Ans: c) Anamoly detection

Question 6:

Ans: c) Case based

Question 7:

Ans: d) Both a and b

Question 8:

Ans: c) Both a and b

Question 9:

Ans: c) 3

Question 10:

Ans: a) PCA

Question 11:

Ans: c) Neither feature nor number of groups is known

Question 12:

Ans: b) SVG

Question 13:

Ans: b) Underfitting

Question 14:

Ans: a) Reinforcement learning

Question 15:

Ans: b) Mean squared error

Question 16:

Ans: c) Nonlinear, binary

Question 17:

Ans: A) supervised learning

Question 18:

Ans: C) both a and b

Question 19:

Ans: A) removing columns which have too many missing values

Question 20:

Ans: C) input attribute.

Question 21:

Ans: A) SVM allows very low error in classification

Question 22:

Ans: B) Only 2

Question 23:

Ans: (A) $-(6/10 \log(6/10) + 4/10 \log(4/10))$

Question 24:

Ans: A) weights are regularized with the l1 norm

Question 25:

Ans: B) Logistic regression and Gaussian discriminant analysis

Question 26:

Ans: D) Either 2 or 3

Question 27:

Ans: (B) increase by 5 pound

Question 28:

Ans: D) Minimize the squared distance from the points

Question 29:

Ans: C) As the value of one attribute decreases the value of the second attribute increases

Question 30:

Ans: (B) Convolutional Neural Network