

Flip Robo
Internship (Date: 22nd March 2023)

Answers

Ans 1: Option d -> Collinearity

Ans 2: Option b -> Random Forest

Ans 3: Option c -> Decision Tree are prone to overfit

Ans 4: Option c -> Training data

Ans 5: Option c -> anomaly detection

Ans 6: Option c -> Case based

Ans 7: Option d -> Both a and b

Ans 8: Option c -> Both a and b

Ans 9: Option c -> 3

Ans 10: Option a -> PCA

Ans 11: Option c -> Neither feature nor number of groups is known

Ans 12: Option b -> SVG

Ans 13: Option b -> underfitting

Ans 14: Option a -> Reinforcement learning

Ans 15: Option b -> Mean Squared Error

Ans 16: Option c -> Nonlinear, binary

Ans 17: Option a -> supervised learning

Ans 18: Option c -> Both a and b

Ans 19: Option a -> removing columns which have too many missing values

Ans 20: Option c -> input attribute

Ans 21: Option a -> SVM allows very low error in classification

Ans 22: Option b -> Only 2 – Depth of the tree

Ans 23: Option a -> $-(6/10 \log(6/10) + 4/10 \log(4/10))$

Ans 24: Option a -> weights are regularized with the l1 norm

Ans 25: Option b -> Logistic regression and Gaussian discriminant analysis

Ans 26: Option d -> Either 2 or 3

Ans 27: Option b -> increase by 5 pound

Ans 28: Option a -> Pass through as many points as possible.

Ans 29: Option a -> The attributes are not linearly related

Ans 30: Option b -> Convolutional Neural Network