D3 ASSIGNMENT

Ans 1. d) Collinearity

Ans 2. b) Random Forest

Ans 3. c) Decision Tree are prone to overfit

Ans 4. c) Training data

Ans 5. c) Anamoly detection

Ans 6. c) Case based

Ans 7. d) Both a and b

Ans 8. c) Both a and b

Ans 9. c) 3

Ans 10. a) PCA

Ans 11. c) Neither feature nor number of groups is known

Ans 12. d) None of the above

Ans 13. b) Underfitting

Ans 14. a) Reinforcement learning

Ans 15. b) Mean squared error

Ans 16. c) Nonlinear, binary

Ans 17. A. supervised learning

Ans 18. C. both a and b

Ans 19. A. removing columns which have too many missing values

D3 ASSIGNMENT

Ans 20. C. input attribute

Ans 21. (D) SVM is highly flexible

Ans 22. (B) Only 2

Ans 23. (A) -(6/10 log(6/10) + 4/10 log(4/10))

Ans 24. (A) weights are regularized with the l1 norm

Ans 25. (B) Logistic regression and Gaussian discriminant analysis

Ans 26. (D) Either 2 or 3

Ans 27. (B) increase by 5 pound

Ans 28. (D) Minimize the squared distance from the points

Ans 29. (C) As the value of one attribute decreases the value of the second attribute increases

Ans 30. (B) Convolutional Neural Network