File_3

1. (d) Collinearity
2. (b) Random Forest
3. (c) Decision tree are prone to overfit
4. (c) Training Data
5. (b) Classification
6. (c) Case based
7. (d) Both a and b
8. (b) Calculate the distance of test case for all training cases.
9. (d) 4
10. (b) Naïve bayes.
11. (c) Neither feature nor number of groups is known Unsupervised machine learning
12. (b) SVG
13. (c) Both and b
14. (a) Reinforcement Learning
15. (c) Mean absolute error
16. (b) Linear, binary

17. (a) Supervised machine learning
18. (a) Euclidean distance
19. (c) removing columns with dissimilar data trends.
20. (a) output attribute
21. (a) SVM allows very low error in classification.
22. (c) 2 and 3
23. (b) 6/10 log(6/10) + 4/10 log(4/10).
24. (c) the solution algorithm is simpler.
25. (a) Perceptron and logistic regression.
26. (d) Either 2 or 3.
27. (c) increase by 125 pound.
28. (a) Pass through as many points as possible.
29. (c) As the value of one attribute decreases the value of the second attribute increases.
30. (a) Multi Layer Perceptron.