

1. d) Collinearity
2. b) Random Forest
3. c) Decision Tree are prone to overfit
4. a) Data Training
5. c) Anamoly detection
6. c) Case based
7. d) Both a and b
8. c) Both a and b
9. c) 3
10. d) KMeans
11. c) Neither feature nor number of groups is known
12. b) SVG
13. b) Underfitting
14. a) Reinforcement learning
15. b) Mean squared error
16. a) Linear, binary
17. A. supervised learning
18. C. both a and b
19. D. none of these
20. C. input 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. (D) Perceptron

26. (D) Either 2 or 3

27. (B) increase by 5 pound

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

29. (B) As the value of one attribute increases the value of the second attribute also increases

30.