

1. Collinearity
2. Random Forest
3. Decision Tree are prone to overfit
4. Training data
5. Anamoly detection
6. Case based
7. Both a and b
8. Both a and b
9. 3
10. PCA
11. Neither feature nor number of groups is known
12. SVG
13. Underfitting
14. Reinforcement learning
15. Mean squared error
16. Linear, binary
17. Supervised learning
18. Both a and b
19. Removing columns which have too many missing values
20. hidden attribute
21. SVM allows very low error in classification
22. Only 2
23. $-(6/10 \log (6/10) + 4/10 \log (4/10))$
24. Weights are regularized with the l1 norm
25. Logistic regression and Gaussian discriminant analysis
26. Either 2 or 3
27. increase by 5 pounds
28. Minimize the squared distance from the points
29. As the value of one attribute decreases the value of the second attribute increases
30. Convolutional Neural Network