Assignment 12

The due date for submitting this assignment has passed.
As per our record, you have not submitted this assignment.

1. For predicting the type of a test pattern, it is between two groups of patterns, A and B, based on some attributes. Which of the following statements is correct?
   - A: If pattern x is closer to pattern y than pattern z, pattern x belongs to A.
   - B: If pattern x is closer to pattern y than pattern z, pattern x belongs to B.
   - C: If pattern x is closer to pattern y than pattern z, pattern x belongs to the average of pattern y and pattern z.
   - D: None of the above.

2. Which of the following is a correct statement?
   - A: Decision between x and y is higher than z, x belongs to A.
   - B: Decision between x and y is lower than z, x belongs to A.
   - C: Decision between x and y is higher than z, x belongs to B.
   - D: None of the above.

3. Which of the following is a correct statement?
   - A: The number of features is less than the number of samples.
   - B: The number of features is greater than the number of samples.
   - C: The number of features is equal to the number of samples.
   - D: None of the above.

4. Which of the following is a correct statement?
   - A: The number of clusters is equal to the number of features.
   - B: The number of clusters is greater than the number of features.
   - C: The number of clusters is less than the number of features.
   - D: None of the above.

5. Which of the following is a correct statement?
   - A: The output of SVM provides information on the number of support vectors.
   - B: The output of SVM provides information on the accuracy of the model.
   - C: The output of SVM provides information on the specificity of the model.
   - D: None of the above.

6. Which of the following is a correct statement?
   - A: The output of SVM provides information on the sensitivity of the model.
   - B: The output of SVM provides information on the specificity of the model.
   - C: The output of SVM provides information on the accuracy of the model.
   - D: None of the above.

7. Which of the following is a correct statement?
   - A: The output of SVM provides information on the number of support vectors.
   - B: The output of SVM provides information on the accuracy of the model.
   - C: The output of SVM provides information on the specificity of the model.
   - D: None of the above.

8. Which of the following is a correct statement?
   - A: The output of SVM provides information on the sensitivity of the model.
   - B: The output of SVM provides information on the specificity of the model.
   - C: The output of SVM provides information on the accuracy of the model.
   - D: None of the above.

9. Which of the following is a correct statement?
   - A: The output of SVM provides information on the number of support vectors.
   - B: The output of SVM provides information on the accuracy of the model.
   - C: The output of SVM provides information on the specificity of the model.
   - D: None of the above.

10. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

11. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

12. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

13. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

14. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

15. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

16. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

17. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

18. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

19. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

20. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

21. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

22. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

23. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

24. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

25. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

26. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

27. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

28. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.

29. Which of the following is a correct statement?
    - A: The output of SVM provides information on the number of support vectors.
    - B: The output of SVM provides information on the accuracy of the model.
    - C: The output of SVM provides information on the specificity of the model.
    - D: None of the above.

30. Which of the following is a correct statement?
    - A: The output of SVM provides information on the sensitivity of the model.
    - B: The output of SVM provides information on the specificity of the model.
    - C: The output of SVM provides information on the accuracy of the model.
    - D: None of the above.