



Advanced Machine Learning Challenge

Below is a scored review of your assessment. All questions are shown.



Correct Answer



Partially Correct



Incorrect Answer

61 Which of the following method is used for trainControl resampling?

Your Answer [no answer given]

Correct Answer repeatedcv

Explanation

No, that's not correct.

62

Finding good hyperparameter is a time consuming process So typically you should do it once in the beginning of the project and try to find best yperparameter do that you dont have to visit tuning them again.

Your Answer

[no answer given]

Correct Answer

False

Explanation

No, that's not correct.

63

Agglomerative approach is called as Top-Down Approach whereas Divisive Approach is called as Bottom-Up Approach.

Your Answer

[no answer given]

Correct Answer

False

Explanation

Sorry, you have selected the wrong answer.

64

"Convolutional Neural Networks can perform various types of transformation (rotations or scaling) in an input". Is the statement correct True or False?

Your Answer

[no answer given]

Correct Answer

False

Explanation

Sorry, you have selected the wrong answer.

65 Why ML Explainability is important?

Your Answer [no answer given]

Correct Answer All of the Above

Explanation

None.

66

Which of the following techniques perform similar operations as dropout in a neural network?

Your Answer

[no answer given]

Correct Answer

Bagging

Explanation

Sorry, you have selected the wrong answer.

67

Which of the following options is/are true for K-fold cross-validation? 1.) Increase in K will result in higher time required to cross validate the result. 2.) Higher values of K will result in higher confidence on the cross-validation result as compared to lower value of K. 3.) If $K=N$, then it is called Leave one out cross validation, where N is the number of observations.

Your Answer

[no answer given]

Correct Answer

1,2,3

Explanation

No, that's not correct.

68 PCA is mostly used for _____.

Your Answer

[no answer given]

Correct Answer

Unsupervised Learning

Explanation

Sorry, you have selected the wrong answer.

69 Which regularization is used to reduce the over fit problem?

Your Answer

[no answer given]

Correct Answer

Both

Explanation

No, that's not correct.

70 Which of the following will be true about k in k -NN in terms of Bias?

Your Answer [no answer given]

Correct Answer When you increase the k the bias will be increases

Explanation

Sorry, you have selected the wrong answer.

71 How conditional probability rewrite in language model? $P(B | A) = P(A, B) / P(A)$

Your Answer

[no answer given]

Correct Answer

$P(A, B) = P(A) P(B | A)$

Explanation

None.

72

Reason for stop word removal

Your Answer

[no answer given]

Correct Answer

Stop word slow down processing

Explanation

None.

73 What is a dendrogram?**Your Answer**

[no answer given]

Correct Answer

A hierarchical structure

Explanation

Incorrect!

74 Which transformation is one of the most commonly used mathematical transformations in feature engineering?

Your Answer [no answer given]

Correct Answer Logarithmic Transformation

Explanation

None.

75 In SVM, the dimension of the hyperplane depends upon which one?

Your Answer [no answer given]

Correct Answer The number of features

Explanation

Sorry, you have selected the wrong answer.

76 Including relevant lagged values of the dependent variable on the right hand side of a regression equation could lead to which one of the following?

Your Answer [no answer given]

Correct Answer Biased but consistent coefficient estimates

Explanation

Sorry! This needs work.

77 Which of the following neural networks uses supervised learning? (A) Multilayer perceptron (B) Self organizing feature map (C) Hopfield network

Your Answer [no answer given]

Correct Answer (A) only

Explanation

Sorry, you have selected the wrong answer.

78 Full Form of LIME**Your Answer**

[no answer given]

Correct Answer

Local Interpretable Model-Agnostic Explanations

Explanation

None.

79 For a large k value the k-nearest neighbor model becomes ____ and ____ .

Your Answer

[no answer given]

Correct Answer

Simple model, Underfit

Explanation

Sorry, you have selected the wrong answer.

80 Tree Interpreters is an example of

Your Answer

[no answer given]

Correct Answer

Model- Specific Approach

Explanation

None.

Summary

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I'm done.

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