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Correct questions	4
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1/10

Adam wants to gain an understanding about the people loving a pizza beacuse of a 5 special type of oregano or not. Adam has 20 McDonalds outlets in his city which he divided into 4 part, in which each group contains 4 outlets. These are randomly selected outlets for each group. In every outlet, there are 15 types of pizza on which these oreganos are tested by randomly allocating one of them to each pizza. Adam collected the data of extra people eating that particular pizza as compared to general numbers.

He wants to do Anova test on level wise. How many Null Hypothesis should he make?

• 2

• 3

• 4

• 5

Incorrect

2/10

A decision tree DT1 has a depth of d1, as compared to another decision tree DT2 with depth d2, such that d1>d2. Which of the two are less interpretable?

• DT1

• DT2

• Insufficient information

• None, since decision trees can never underfit

Correct

3/10

Which of the following is true for gradient descent algorithm?

- It is an iterative algorithm
- It is a probabilistic or randomized algorithm
- Both a and b
- None of the above

Correct

4/10

Which permits whitespace and comments inside the regular expression:

- re.L
- re.I
- re.U
- re.X

Incorrect

5/10

Which of the following approaches can be used to remove outliers from a dataset, to apply linear regression?

- RANSAC method
- Tuning hyperparameters
- Both a and b
- None of the above

Incorrect

6/10

A biologist is studying DNA sequences of human and their similarity with other animal's DNA sequence. Suggest him which of the following distance metric would be a good fit for his task.

Note: DNA sequence consists of four letters A,C,G,T.

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- Eucledian Distance
- Manhattan Distance
- Hamming Distance
- Minkowski distance

Incorrect

7/10

Which of the following is correct?

List1=[6,7,2,3]

List2=['6','anuj',5,3]

Choose the correct option.

- List1
- List2
- Both
- None

Correct

8/10

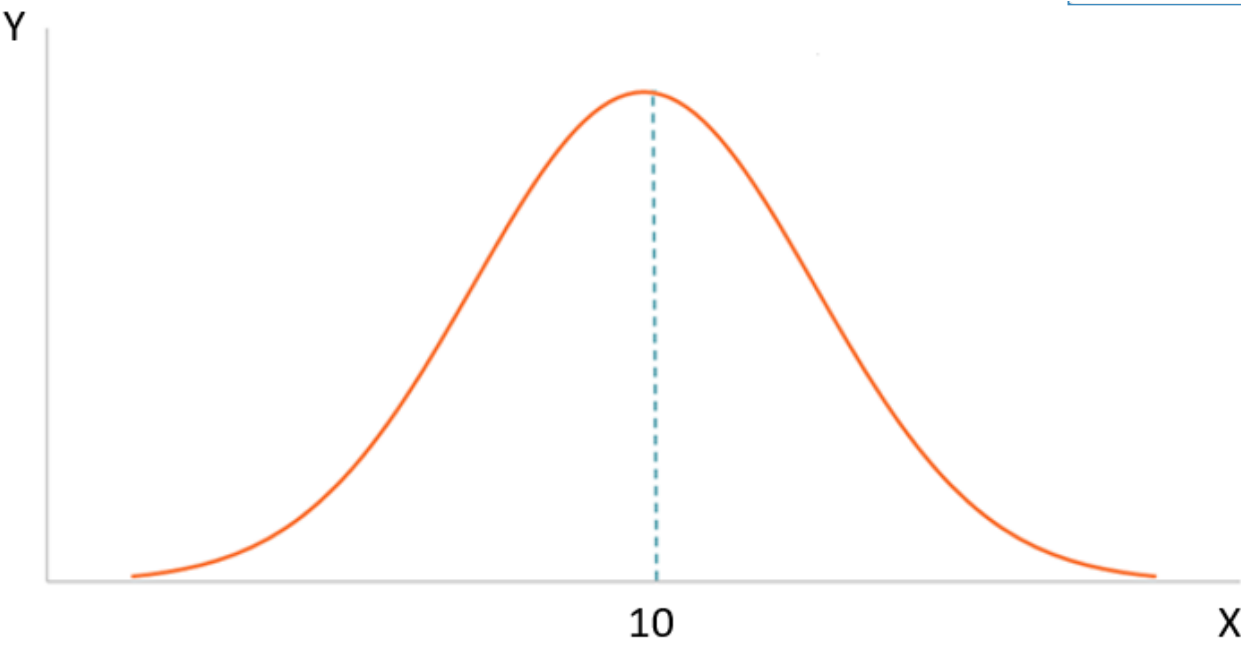
Which of the following functions can be used as an activation function in the output layer if we wish to predict the probabilities of n classes (p1, p2..pk) such that sum of p over all n equals to 1?

- Softmax
- ReLu
- Sigmoid
- Tanh

Correct

9/10

(Figure by corporatefinanceinstitutue.com) A statistics student James was studying the properties of the bell curve using a practical approach. He downloaded a dataset with variance 8.41. When plotted, gets the graph as given below. Answer the questions using the following information.



What percentage of data will be covered within the interval 7.1 to 12.9

- 68%
- 95%
- 99.7%
- Cannot say

Incorrect

10/10

Data 1:

ACTUAL	PREDICTED
4	894

Data 2:

ACTUAL	PREDICTED
4,00,004	4,00,894

Above are the two data given

What will be the relation of RMSE of both the data

- RMSE of 1 > RMSE of 2
- RMSE of 1 < RMSE of 2
- RMSE of 1 = RMSE of 2
- Cannot say

Not attempted

i Suggested reading

[7 Most Commonly Asked Questions On Correlation, Simple Linear Regression](#)

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