Review your last 10 questions

5 days, 1 hour remaining until quiz ends.

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Your Stats	
Not attempted questions(Timed out)	1
Skipped questions	2
Correct questions	4
Incorrect questions	3
Marked Ambiguous	0
Total Questions	80

1/10

Which of the following dimensionality reduction methods has the highest complexity of all.

- PCA
- TSNE
- Genetic Algorithms
- Cannot say

Incorrect

2/10

The augmented Dickey-fuller unit root test can be used to test for?

- Normality
- Independence
- Stationarity
- Invertibility

Incorrect

3/10

Online Chat

Given a table which contains numeric features and their standarized values. Based on the table below which datapoint you think is most far from the mean ?

	value	standardized
0	2	-0.52
1	45	0.70
2	-23	-1.23
3	85	1.84
4	28	0.22
5	2	-0.52
6	35	0.42
7	-12	-0.92

- 28
- -12
- 85
- 2
- 45

Skipped

4/10

What is the relationship between the runtime complexities of logistic regression and kernel SVM?

- Run time complexity of logistic regression > Run time complexity of kernel SVM
- Run time complexity of logistic regression < Run time complexity of kernel SVM
- Run time complexity of logistic regression <= Run time complexity of kernel SVM
- Run time complexity of logistic regression = Run time complexity of kernel SVM

Correct

5/10

A die is loaded in such a way that each odd number is twice likely to occur as each even number..

What is the probability that the number of points rolled on a single roll of the die is a perfect square?

- 2/9
- 1/3
- 2/3
- 4/9

Skipped

Online Chat

6/10

A manager collected reviews from 1000 customers and put it into a dataframe. It comes out to be a right or positive skewed data distribution. Now he wants to cut the values which less than 3 or greater than 8 depending upon which side cutting will make the distribution more tending to normal. Which of the following command will get the required result?

- `df.clip(lower=3)`
- `df.clip(upper=8)`
- `df.strip(upper=8)`
- `df.strip(lower=3)`

Correct

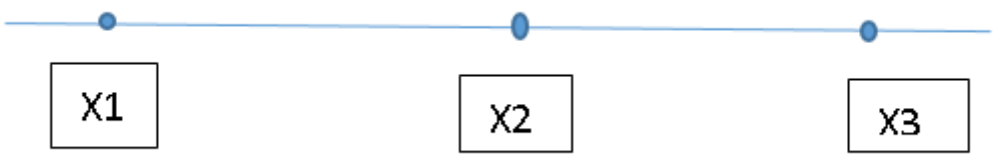
7/10

For a classification task, instead of random weight initializations in a neural network, we set all the weights to zero. Which of the following statements is true?

- There will not be any problem and the neural network will train properly
- The neural network will train but all the neurons will end up recognizing the same thing
- The neural network will not train as there is no net gradient change
- None of these

Correct

8/10



Given are the two sets of points x1, x2 and x3. 'D_A' is the distance between the points (x1 and x2) and 'D_B' is the distance between the points (x1 and x3) in SVM. What can you say about the kernel estimation of both the distances D_A and D_B when $D_A<D_B$

- $K_A>K_B$
- $K_A<K_B$
- $K_A=K_B$
- Cannot say

Correct

Online Chat

9/10

Two students James and Charlie were asked to prepare a random forest model for a data science competition to perform classification of a given dataset. The winner will be the person with higher accuracy and lower computational time, there time of completion were being recorded. Both James and Charlie used Gradient boosting machine and XGBoost respectively to avoid the problem of overfitting. After the competition ended, the accuracy obtained for both James and Charlie was same, who do you think will get the prize.

- James
- Charlie
- Both James and Charlie
- Cannot say

Incorrect

10/10

Which of the following commands can be used to find missing values in your data

- df.fillna()
- df.describe
- df.info()
- df.dropna()

Not attempted

Suggested reading

40 Must know Questions to test a data scientist on Dimensionality Reduction techniques

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