

Correct answer!

✕

Review your last 10 questions

3 days, 1 hour remaining until quiz ends.



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1/10

What is the python command for computing similarity between 2 words "astronaut" and "space" using a word2vec?

• `model.similarity('astronaut', 'space')`

• `model.similar('astronaut', 'space')`

• Both A and B

• None of the above

Correct

2/10

```
i = 7
j = i
i = 4
i and j
```

What will be the output of the above code in python?

• 7

• 4

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https://datamin.analyticsvidhya.com/quiz/review

1/5

- 7, 4
- 4, 7

Incorrect

3/10

James is a statistics student studying the concept of interval estimation. He collected a dataset of the heights of the students of his school. Let random variable X represent the heights of the students. The height of the students in school follows a normal distribution with a variance of 25 cm. Answer the questions based on the given information: A sample of 200 was taken with mean 167 and variance 24.8 cm.

If the standard deviation is reduced by 9 times than its original size, then what will be the effect on the margin of error?

- It will be increased 9 times
- It will be decreased 9 times
- It will be increased 3 times
- It will be decreased 3 times

Incorrect

4/10

Which of the following problem can occur while using MIN proximity function in Agglomerative clustering ?

- It can break large clusters
- Might be biased towards globular clusters
- May capture noise
- There is no problem with MIN proximity function

Incorrect

5/10

Which of the following word embeddings model learns by constructing a co-occurrence matrix and using dimensionality reduction on it?

- word2vec
- glove
- fasttext
- none of these

Correct

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6/10

What is the output?

```
numbers = [11, 33, 55, 38, 55, 72, 37, 21, 22, 41, 13]

for num in numbers:

    if num%2 == 0:

        print ('A',end=' ')

        break

    print('C',end=' ')

else:

    print ('B',end=' ')
```

- CCCA
- CCCACACCAACCB
- CCCACCAACCAACCB
- CCCACACCAAC

Correct

7/10

Adam was working on a regression problem. He found that one of his feature is highly correlated with 3 other features. He didn't do anything to resolve this issue. He just trained a regularized regression model. After training he found that his model is working well and coefficient of one of his correlated feature is very large and other features that were correlated with this feature have very small coefficients(nearly zero). can you guess which regularized regression model he has used ?

- Ridge regression
- Lasso regression
- Both could have been used
- Inadequate information

Correct

8/10

It is known that a random variable X has a mean of 25 and a variance of 16.

The upper bound for $P(|X-25| \geq 12)$ is

- 1/16
- 8/9

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• 15/16

- 1/9

Incorrect

9/10

What happens as we increase the value of α , in additive smoothing of likelihoods?

- The likelihoods tend towards a uniform distribution
- The likelihoods tend towards a random distribution
- The likelihoods start becoming equal to 1
- None of the above

Correct

10/10

What steps can we take to prevent overfitting in a Neural Network?

- Data Augmentation
- Weight Sharing
- Early Stopping
- Dropout
- All of the above

Correct

i Suggested reading

[Comprehensive & Practical Inferential Statistics Guide for data science](#)

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