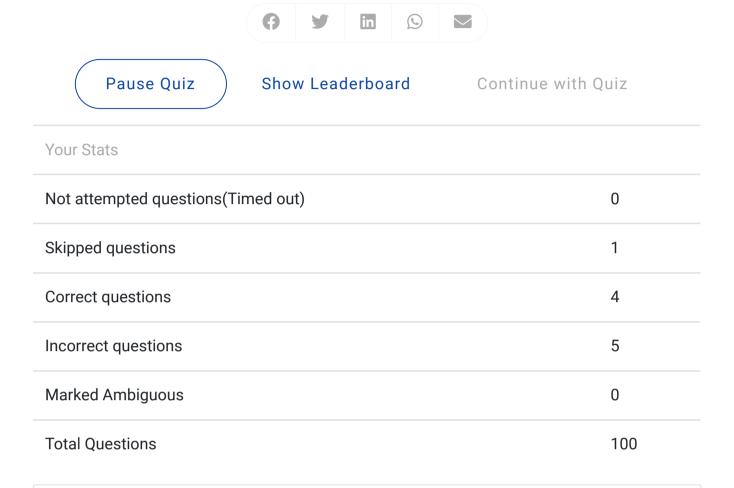
Incorrect answer! ×

# Review your last 10 questions

4 days, 4 hours remaining until quiz ends.



# 1/10

Which of the following techniques would perform better for reducing dimensions of a data set?

- Removing columns which have too many missing values
- Removing columns which have high variance in data
- Removing columns with dissimilar data trends
- None of these



# 2/10

Which of the statements below are not true?

- 1. Range is the difference between the first and third quartiles.
- 2. IQR is used to measure the spread of the data.
- 3. IQR is the difference between the smallest and largest numbers.
  - 1, 2
  - 1,3
  - 2,3

• 1, 2, 3



## #3/10

Your brother has a fair coin, he asked you that if he flip it, what will be the odds of getting a head. Which of the following option should you choose

- Odds is 1
- Odds is 0
- Odds is 0.5
- None of the above



#### # 4/10

There are 200 people sitting in a room watching a cricket match between India and England. They decided to bet in a total of Rs.10,000 on India's win. They all start contributing their amount of money. What is the degree of freedom?

- 198
- 1
- 99
- 199



## # 5/10

What is the assumption of Logistic Regression?

- Conditional independence of features
- The neighbourhood of a point is same as the point
- A plane  $\pi$  best separates the positive points from the negative points
- None of the above



## # 6/10

In a neighbourhood consisting of 800 families, each family has 5 children each. It is known that probability that a boy being born is the same as the probability of Online Chat

born. How many families are expected to have 3 boys? • 480

• 300

250

• 540



#### # 7/10

How are parametric tests better than non-parametric tests?

- They have more statistical power
- They are more robust than non-parametric tests
- They are more likely to lead to accepting of Ho
- All of the above



# 8/10			
X	Υ	Z	
	12	14	16
	8	11	12
	11	20	10
	14	6	17
	16	15	15

What can you say about the null hypothesis of this data using ANOVA test

- We accept null hypothesis
- We reject null hypothesis
- We can't say



## # 9/10

Which of the following is the best definition for a null hypothesis, given that we have to perform a one-sample test?

The sample mean is equal to the population mean

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> • The sample mean is not equal to the population mean • Both a and b None of the above Correct

# 10/10 Which of the following functions results in case insensitive matching? 1. re.IGNORECASE 2. re.IC 3. re.ignoreCase 4. re.l 1,4 • 1,2 • 2,3 • 3,4 Incorrect

## i Suggested reading

Comprehensive & Practical Inferential Statistics Guide for data science

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