

Incorrect answer!



# Review your last 10 questions

4 days, 4 hours remaining until quiz ends.



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### Your Stats

Not attempted questions(Timed out)	0
Skipped questions	1
Correct questions	4
Incorrect questions	5
Marked Ambiguous	0
Total Questions	100

# 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

Incorrect

# 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

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- 1, 2, 3

Incorrect

# 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

Incorrect

# 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

Skipped

# 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

Correct

# 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

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born.

How many families are expected to have 3 boys?

- 480
- 300
- 250
- 540

Correct

# 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  $H_0$
- All of the above

Correct

# 8/10

X	Y	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

Incorrect

# 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

- 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.I

- 1,4
- 1,2
- 2,3
- 3,4

Incorrect

**i** Suggested reading

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

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