

Data Science /Machine Learning Quiz - Set 5

This test intends to check your knowledge on data science & machine learning algorithms. It touches upon the topic of multiple regression model.

Q: In multiple regression model, which of the following indicates whether the relationship between two measured phenomenon is real?

- ☒ P-value
- ☐ F-value

Q: _____ the F-value, greater the chance that relationship between the variable is real

- ☒ Lower
- ☐ Greater

Q: For multiple regression model, which of the following is true for Null Hypothesis for F-test?

- ☒ All coefficients are equal to zero
- ☐ All coefficients are not equal to zero

Q: Which of the following can be used to discriminate between the two classes?

- ☐ Linear regression
- ☒ Logistic regression

Q: Logistic function is also termed as which of the following?

- ☐ Sigma function
- ☒ Sigmoid function

Q: The shape of a logistic distribution is like which of the following?

- ☐ C
- ☐ O
- ☒ S
- ☐ I

Score Card

Total no. of questions: 0

No. of questions attempted: 10

No. of correct answers: 9

Overall score: 9/0

Show Score

Show Answers

Q: Logistic regression estimates which of the following?

- ☐ Numeric value
- ☒ Categorical value

Q: Discriminant function is used for which of the following?

- ☐ Linear regression
- ☐ Logistic regression

Q: The value of correlation coefficient ranges from -1 to _____

- ☐ 0
- ☒ 1
- ☐ 2
- ☐ 3

Q: Which of the following correlation coefficient value indicates (at the best) that there is no relationship between two variables?

- ☐ -0.9
- ☒ -0.04
- ☐ 0.7
- ☐ 0.35

Q: In regression model, when two features have combined impact, this phenomenon is called as _____

- ☐ Integration
- ☒ Interaction
- ☐ None of the above

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