

Applied Data Science - Quiz 2

Name *

AJETGANAPATHY A

Registered Roll Number/Registered Number *

Please enter the number as displayed in the profile section in the platform

813819205005

Registered Email id *

Please enter the email id used to login to the platform

it224005@saranathan.ac.in

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B11-5A1E



Which of the following is a branch of statistics?

- ☐ Descriptive statistics
- ☒ Inferential statistics
- ☐ Industry statistics
- ☐ Both A and B

The runs scored by a batsman in 5 ODIs are 31,97,112, 63, and 12. The mean is

- ☐ 112
- ☒ 63
- ☐ 97
- ☐ 12

Which of the following is not a visualization under matplotlib

- ☐ Scatter plot
- ☒ Histogram
- ☐ Box plot
- ☐ Table plot



To handle the null values in your data which method is used?

- ☐ isnull()
- ☒ isfull()"
- ☐ fillna()
- ☐ fullna()

Which of the following sklearn method is used to split the data into training and testing

- ☐ test_split()
- ☐ train_test_split()
- ☒ test_train_split()
- ☐ split_train_test()

Which of the following is correct to import the matplotlib library

- ☐ import plt.matplotlib as plot
- ☒ import plot.matplotlib as pt
- ☐ import [matplotlib.pyplot](#) as plot
- ☐ import matplotlib.pyplot as plt"



Which method is used for encoding the categorical variables

- ☐ One Hot Encoder
- ☒ Category Encoder
- ☐ Label Encoder
- ☐ Both A & C

Which statistical method we can use for replacing missing values for categorical feature

- ☐ Mean
- ☒ Median
- ☐ Mode
- ☐ All of the above

Which function we use to get descriptive statistics for the data

- ☐ description()
- ☒ describe()
- ☐ statistics()
- ☐ None of the above



Identify the outlier for the given data

34,23,43,28,56,125,52,40,26,24,37,25

- ☐ 56
- ☒ 23
- ☐ 125
- ☐ 34

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