

# Applied Data Science - Quiz 2

Name \*

GAJENDRAPANDI M

Registered Roll Number/Registered Number \*

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

913119104026

Registered Email id \*

Please enter the email id used to login to the platform

gajendrapandi83@gmail.com

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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.pt](#) 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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