

Applied Data Science - Quiz 2

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B2-2M4E



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

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

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

☐ 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