

# Applied Data Science - Quiz 2

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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.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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