



# 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





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- ☐ 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



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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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