

# Applied Data Science - Quiz 2

Name \*

Sruthi.M

Registered Roll Number/Registered  
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B8-2A4E



Which of the following is a branch of statistics?

- ☐ Descriptive statistics
- ☐ Inferential statistics
- ☐ Industry statistics

☒ Both A and B

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

☐ 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()`

☐ 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



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()




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

Which function we use to get descriptive statistics for the data

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- ☐ statistics()
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Clear selection

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Clear selection



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- ☐ 23
- ☐ 125
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Clear selection



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Clear selection

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Clear selection

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- ☐ Both A & C

☐ fullna()

Clear selection

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Clear selection

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- ☐ split\_train\_test()

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☐ 97

☐ 12

Clear selection

---

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☐ Histogram

☐ Box plot

☒ Table plot

Clear selection

☐ Inferential statistics

☐ Industry statistics

☒ Both A and B

Clear selection

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☐ 112

☒ 63

☐ 97

☐ 12

Clear selection

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- ☐ 97
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