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Quiz

Question 1

1 point possible (graded)

You have a dataframe called df with data to analyze in it. You want basic statistics of all the attributes in df (mean, std...). What Python command do you use?

☐ df.statistics()

☐ df.describe()

☐ df.summary()

Submit

You have used 0 of 1 attempt

Question 2

1 point possible (graded)

What does a QQ plot tell us? Choose the best answer from the options below

☐ get a summary of the basic statistics of a parameter

☐ identify outliers

☐ plot the distribution of a parameter

☐ compare a parameter's distribution to a target distribution such as the normal distribution

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You have used 0 of 1 attempt

Question 3

1 point possible (graded)

When is correlation in data good?

☐ when it is between predictive variables

☐ when it is between a predictive variable and the predicted variable

☐ correlation is always good to have

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Question 4

1 point possible (graded)

What function should you use to train a regression model with Python and sklearn?

☐ fit

☐ train

☐ predict

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Question 5

1 point possible (graded)

Is the R-squared measure a good measure of performance for a classification model using Linear Regression?

☐ no

☐ yes

Submit

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Question 6

1 point possible (graded)

What data is used to plot the ROC curve?

☐ False Positive Rate

☐ Precision

☐ True Positive Rate

☐ Recall

☐ F-score

Submit

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Question 7

1 point possible (graded)

For a binary classifier, the threshold can be modified, and modifying the threshold will affect the True Positive Rate and the False Positive Rate. If you change the threshold of the classifier so that the True Positive Rate goes up, what will happen to the False Positive Rate?

☐ The False Positive Rate will go up

☐ The False Positive Rate will go down

Submit

You have used 0 of 1 attempt

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