

K Nearest Neighbors

Practice Assignment • 3 min



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To pass you need at least 50%. We keep your highest score.

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1. (True/False) A simplified way to interpret K Nearest Neighbors is by thinking of the output of this method as a decision boundary which is then used to classify new points.

1 / 1 point

☒ TrueCorrect! You can find more information in the lesson *K Nearest Neighbors Decision Boundary*.☐ False

2. These are all characteristics of the k nearest neighbors algorithm EXCEPT:

1 / 1 point

- ☐ It is sensitive to scaling
- ☐ It determines decision boundaries to make predictions
- ☒ It determines the value for k

Correct! The value of k is a hyperparameter that needs to be determined and optimized.

- ☐ It is well suited to predict variables with multiple classes



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