

The left and right figures compare a weak decision stump classifier to a complex decision tree classifier (C4.5) in the boosting framework. Which of the following statements is most accurate based on the figures.

- Boosting a weak classifier is generally better than not boosting a strong classifier.
- C4.5 should be chosen over a decision stump in all scenarios.
- There is no advantage to boosting a decision stump instead of boosting C4.5.

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

Multiple Choice

1/1 point (graded)

True or False: The K-means objective function is convex and therefore the output of the K-means algorithm is the one true global solution.

TRUE

FALSE

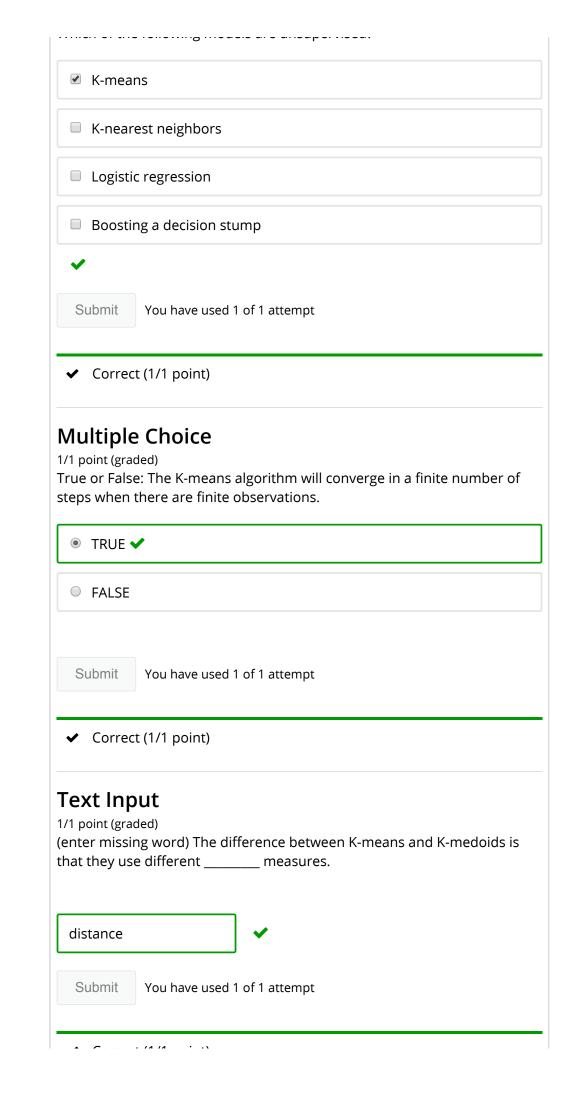
Submit You have used 1 of 1 attempt

✓ Correct (1/1 point)

Checkboxes

1/1 point (graded)

Which of the following models are unsupervised?



✓ Correct (1/1 point)

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