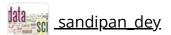


<u>Help</u>





<u>Course</u> > <u>Module 3 - Classification</u> > <u>Graded Review Questions</u> > Graded Review Questions

## **Graded Review Questions**

## Instructions for Graded Review Questions

- 1. Time allowed: **Unlimited**
- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.
- 2. Attempts per question:
- One attempt For True/False questions
- Two attempts For any question other than True/False
- 3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again
- 4. Check your grades in the course at any time by clicking on the "Progress" tab

## **Review Question 1**

1/1 point (graded)

In K-Nearest Neighbors, which of the following is true:

- A very high value of K (ex. K = 100) produces an overly generalised model, while a very low value of k (ex. k = 1) produces a highly complex model.
- A very high value of K (ex. K = 100) produces a model that is better than a very low value of K (ex. K = 1)
- A very high value of k (ex. k = 100) produces a highly complex model, while a very low value of K (ex. K = 1) produces an overly generalized model.

Submit You have used 2 of 2 attempts
Review Question 2
1/1 point (graded) A classifier with lower log loss has better accuracy.
● True
O False
Submit You have used 1 of 1 attempt
✓ Correct (1/1 point)
Review Question 3  1/1 point (graded)  When building a decision tree we went to call the nodes in a way that degree a street and increases information cain.
When building a decision tree, we want to split the nodes in a way that decreases entropy and increases information gain.
● True
O False
Submit You have used 1 of 1 attempt

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