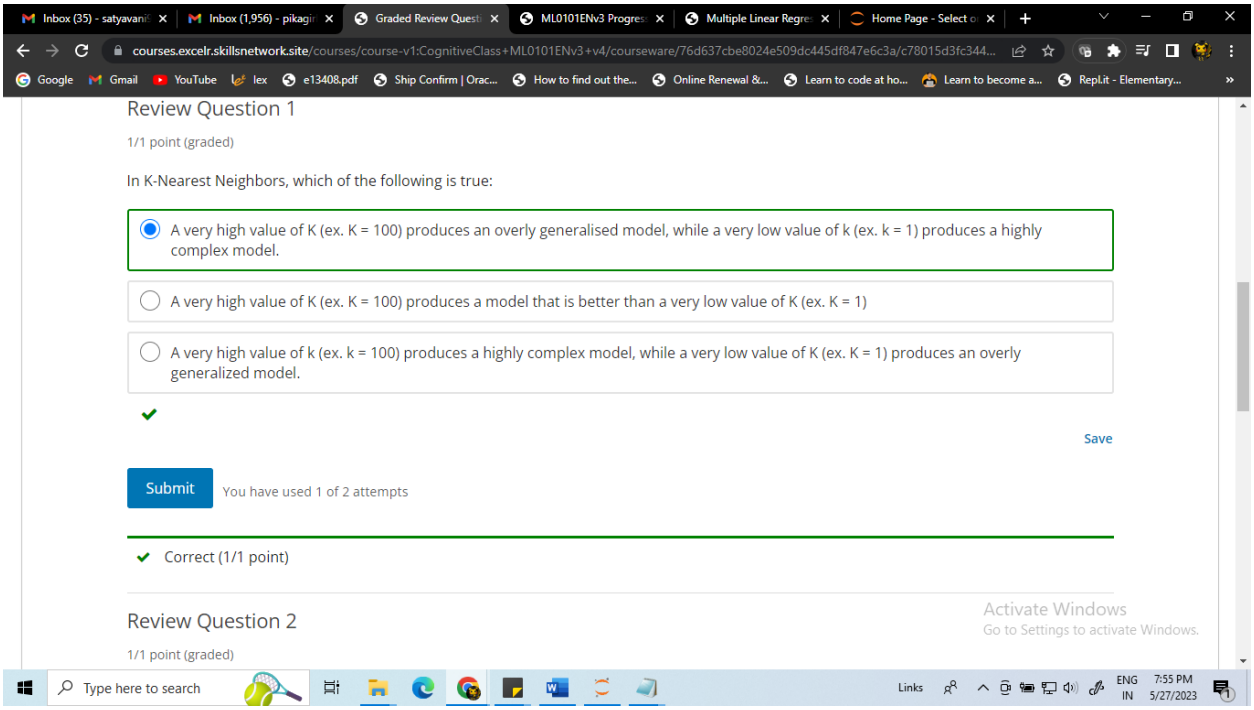
IBM Module 3 Solutions



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.

✔

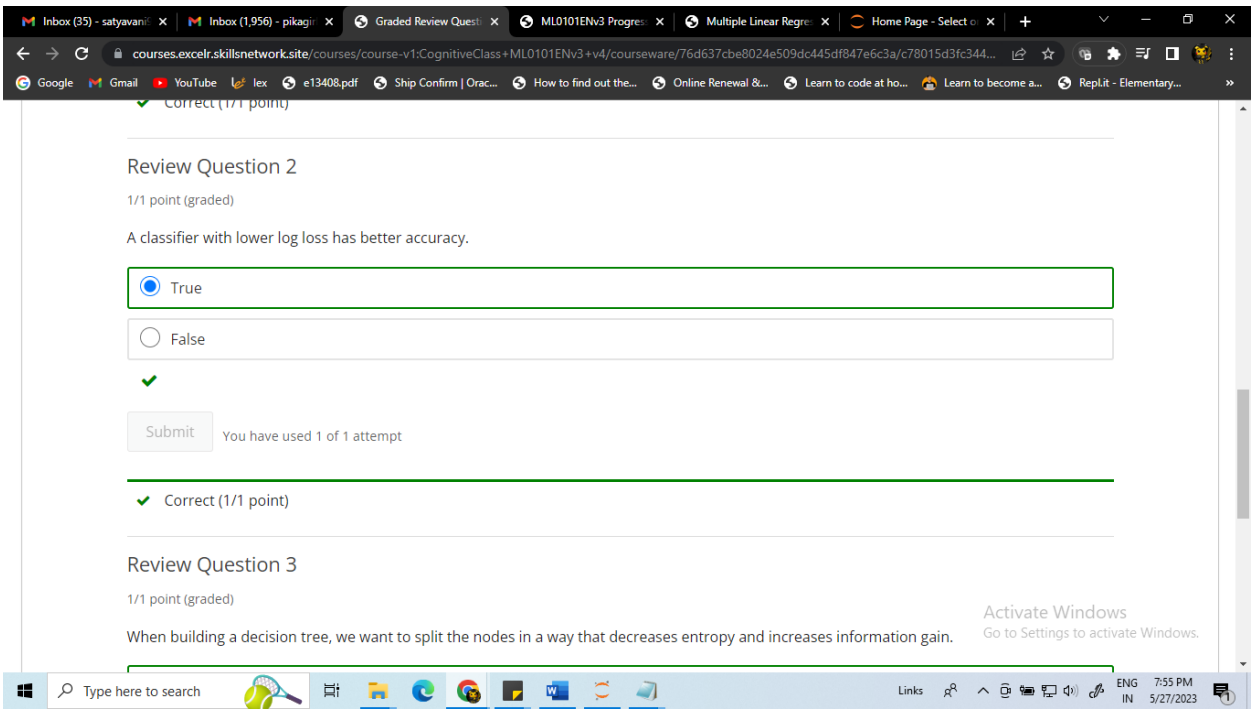
Save

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Review Question 2

1/1 point (graded)



✔ Correct (1/1 point)

Review Question 2

1/1 point (graded)

A classifier with lower log loss has better accuracy.

- (●) True
- ( ) False

✔

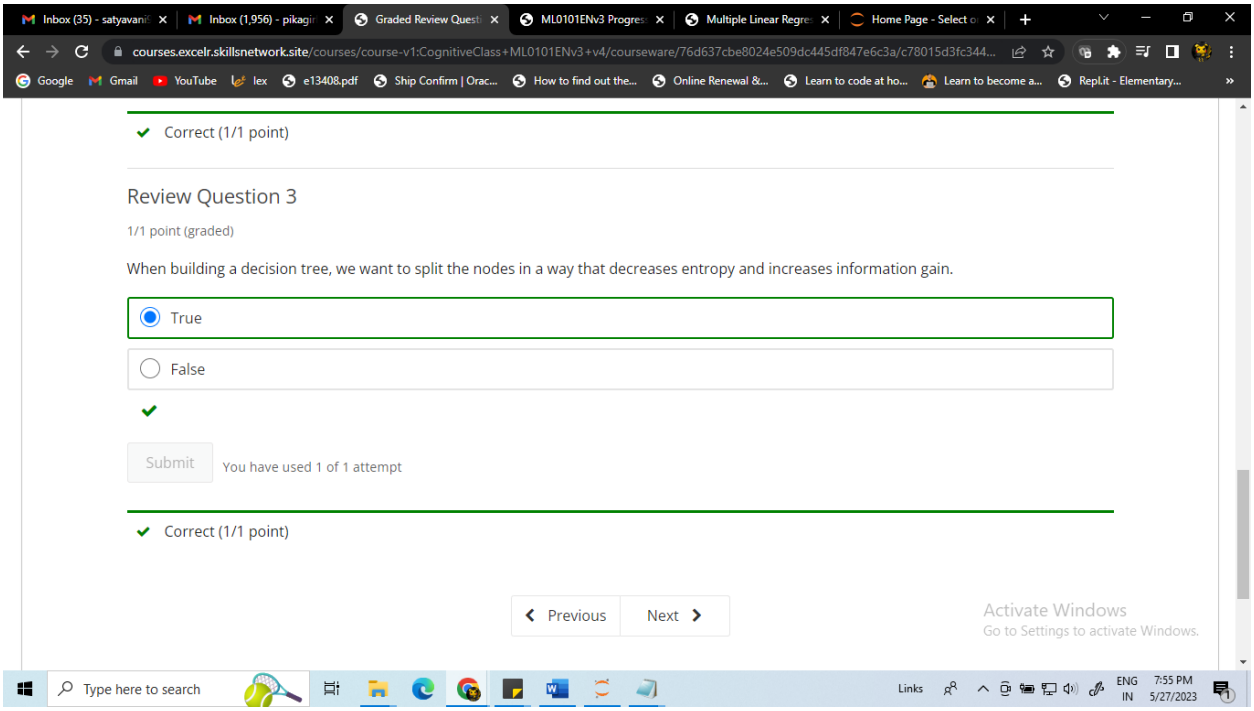
Submit You have used 1 of 1 attempt

✔ Correct (1/1 point)

Review Question 3

1/1 point (graded)

When building a decision tree, we want to split the nodes in a way that decreases entropy and increases information gain.


Inbox (35) - satyavani
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Correct (1/1 point)
Review Question 3
1/1 point (graded)
When building a decision tree, we want to split the nodes in a way that decreases entropy and increases information gain.
True
False
Submit
You have used 1 of 1 attempt
Correct (1/1 point)
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