Test Canvas: Prep Quiz 12, Feb 1 (deadline 11:40am))

The Test Canvas allows you to add and edit questions, add question sets or random blocks, reorder questions, and review the test. More Help

Create Question | Reuse Question | Upload Questions | | Question Settings

Description This quiz will be available until 1 hour before class on 1-Mar. You have 1 try and will get 10 minutes. After ten minutes the quiz will self submit. As a reminder, you can use all material, but communicating the questions or answers to fellow students is considered cheating. The quiz should be easy if you watched the videos and read the material.

Instructions

Total Questions 2

Total Points 100

Select: All None Select by Type: - Question Type -

Delete | Points Update | Hide Question Details

Points: 50

1. Either/Or: We want to compare two algorithms. Algorithm A requires tuning, and algorithm B does not. Do you agr: We want to compare two algorith...

Question

We want to compare two algorithms. Algorithm A requires tuning, and algorithm B does not. Do you agree with ALL of the following?

We need to train multiple models with algorithm A, each time with different parameter values, on the training set. We then evaluate the models on the validation set, and select the best model. FInal performance of the selected model is then computed on the test set.

Because B does not require tuning, we train on the combined training and validation set. We then evaluate the model on the test set.

By comparing the test set performance of both models we now know which one is best.

Answer

- [x] Agree
- [ ] Disagree

Points: 50

2. Calculated Numeric: Naive Bayes: Consider the following data: Consider the following data: ...

Success: Question created.

Question

Consider the following data:

X={heavy rain, light rain, no rain}

Y={sunny, clouded}

P(X=no rain): 70%

P(X=light rain): 20%

P(X=heavy rain): 10%

P(Y=sunny): 30%

P(Y=clouded): 70%

P(X=light rain | Y=sunny): 5%

What is P(Y=sunny | X=light rain)?

Give your answer as a decimal (three numbers after the decimal point), and not as a percentage (e.g., 0.551 instead of 55.1%)

Answer	0.075
Answer range +/-	0
Correct Feedback	0.05*0.3/0.2

Select: All None Select by Type: - Question Type -

Delete Points Update Hide Question Details

← OK