



Practice quiz: Machine learning development process

Graded Quiz • 30 min

Due Feb 12, 11:59 PM EET



✔ Congratulations! You passed!

Grade received 91.66%

Practice quiz: Machine learning development process

To pass 80% or higher

Quiz • 30 min

Go to next item

✔ Submit your assignment

Due Feb 12, 11:59 PM EET

1. Try again

1 / 1 point

Error analysis

Ren

$m_{cv} =$ ~~500~~⁵⁰⁰⁰ examples in cross validation set.

Algorithm misclassifies ~~100~~¹⁰⁰⁰ of them.

Manually examine 100 examples and categorize them based on common traits.

To Pass

→ Pharma: 21 → more data features
 → Deliberate misspellings (w4tches, med1cine): 3
 → Unusual email routing: 7
 → Steal passwords (phishing): 18 → more data features
 → Spam message in embedded image: 5

Your g

91.6

View Feedback

We keep running the code. Which of these is a way to do error analysis?

☐ Calculating the training error J_{train}



Like



Dislike



Report an issue

☐ Collecting additional training data in order to help the algorithm do better.

☐ Calculating the test error J_{test}

☒ Manually examine a sample of the training examples that the model misclassified in order to identify common traits and trends.

