

Graded Assignment • 30 min



⊕ English
✓ Due Nov 3, 11:59 PM WIB

1 point

- In the context of machine learning, what is a diagnostic?
 - This refers to the process of measuring how well a learning algorithm does on a test set (data that the algorithm was not trained on).
 - A test that you run to gain insight into what is/isn't working with a learning algorithm.
 - An application of machine learning to medical applications, with the goal of diagnosing patients' conditions.
 - A process by which we quickly try as many different ways to improve an algorithm as possible, so as to see what works.

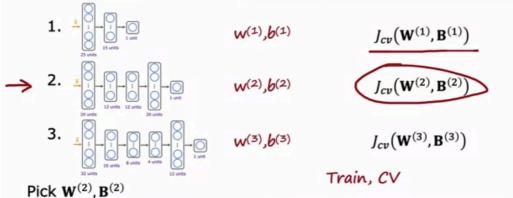
1 point

- 2. True/False? It is always true that the better an algorithm does on the training set, the better it will do on generalizing to new data.

 - False

Model selection - choosing a neural network architecture

1 point



Estimate generalization error using the test set: $J_{test}(\mathbf{W}^{(2)}, \mathbf{B}^{(2)})$