

Unit 1 Linear Classifiers and

Course > Generalizations (2 weeks)

3. Regularization and Generalization

Lecture 4. Linear Classification and

> Generalization

>

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3. Regularization and Generalization Regularization and Generalization





Generalization 1

0/2 points (graded)

If the training loss is low and the validation loss is high, the model might be:



If the training loss is high and the validation loss is high, the model might be:



Solution:

If the model is doing very well on the training set but perform poorly on the validation set, it means that it learned features that are very specific for the training set and that are not general enough.

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You have used 1 of 1 attempt

1 Answers are displayed within the problem

Discussion

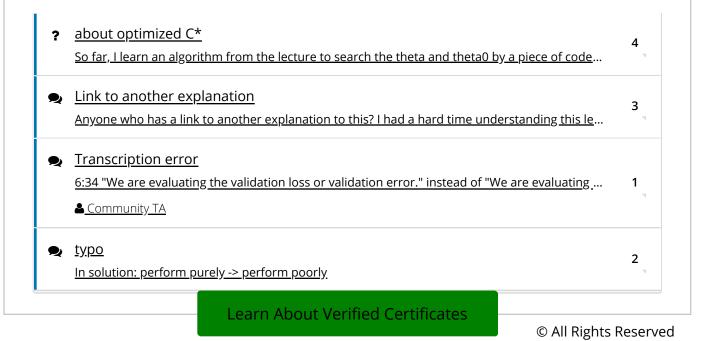
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? <u>Model Complexity</u>	7
Video explanation Very badly explained training and test loss. People who have listened yo Andrew Ng's ML lect	19
what is the difference between training loss and validation loss? Training loss is the average of the number of samples that were incorrectly classified. What is	5

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