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3. Regularization and Generalization
Regularization and Generalization

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▶ 1.50x   🔊   ✕   CC   "

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Generalization 1

0/2 points (graded)
If the training loss is low and the validation loss is high, the model might be:

- ⦿ underfitting

- ◯ overfitting ✔

- ◯ fits well

✖

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

○ underfitting ✔

◉ overfitting

○ fits well

✖

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.

> Submit   You have used 1 of 1 attempt

ℹ Answers are displayed within the problem

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Topic: Unit 1 Linear Classifiers and Generalizations (2 weeks):Lecture 4. Linear Classification and Generalization / 3. Regularization and Generalization

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? Model Complexity	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

? about optimized C*   **4**

So far, I learn an algorithm from the lecture to search the theta and theta0 by a piece of code...

💬 Link to another explanation   **3**

Anyone who has a link to another explanation to this? I had a hard time understanding this le...

💬 Transcription error   **1**

6:34 "We are evaluating the validation loss or validation error." instead of "We are evaluating ...

👤 Community TA

💬 typo   **2**

In solution: perform purely -> perform poorly

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