Points 100 Time Limit 30 Minutes Due Apr 26 at 6am Questions 8 Available until Apr 26 at 6am

## Instructions

Instructions:

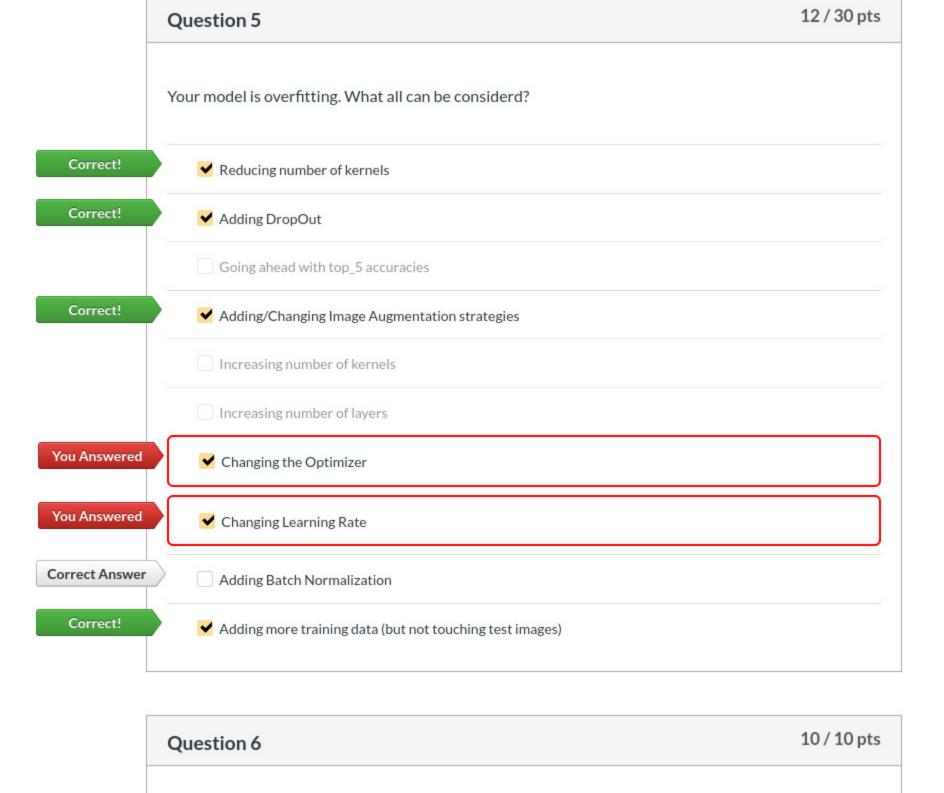
- 1. You have 30 minutes to attempt the quiz
- 2. Once you start the quiz, you cannot go back and re-attempt it
- 3. You will not find answers online, so please make sure you are ready for the quiz 4. For Multiple Answer Questions, ALL the answers must be correct to score any point

Sometimes you might see multiple empty options. Please do not consider those empty options, that's some rendering issue, the options you see are the only options available for that question.

This quiz was locked Apr 26 at 6am.

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Attempt History Attempt Time Score LATEST 7 minutes 62 out of 100 Attempt 1 Score for this quiz: 62 out of 100 Submitted Apr 25 at 12:31pm This attempt took 7 minutes. 0 / 10 pts Question 1 Select all which are true: Dropout: Correct Answer Reduces the gap between TestAcc and TrainAcc You Answered ✓ Increases Test Accuracy Increases Training Accuracy You Answered Increases Test Acc while reducing Train Acc. 10 / 10 pts Question 2 Batch Normalization should be added before the predication layer. True Correct! False 10 / 10 pts Question 3 Batch Normalization can be added Correct! After Convolution Before Convolution 10 / 10 pts Question 4 Select which all are true Correct! Depending on GPU Bigger Batch size might speed up Epochs We do not need to maintain equal class representation in a batch Correct! To be on a safer side, it is always a good idea to shuffle the dataset. Adding LR Scheduler always increase accuracy



7x7x512. Which the best option from below (as we covered in the 10 codes)? Larger Kernel Size to convert 7x7 to 1x1 MaxPooling Dense Layer Correct! ✓ Using GAP, followed by FC or 1x1 to match number of classes. 0 / 10 pts Question 7 The activations for class A, B, and C before softmax were 10, 8 and 3.

The images in our dataset are of size 100x100. Currently, you are at a layer where the resolution is

The difference in softmax values for class A and class B would be Correct Answer 76% You Answered 88% 12% 0.0008% 10 / 10 pts **Question 8** The activations for class A, B, and C before softmax were 10, 8 and 3.

There is only 1 image we are processing and the class happens to be B. If we are using Negative

LIkelihood Loss, the loss value right now is:

2.127731

-2.127731

0.127731

0-0.127731

Correct!