

CANVAS

PRO FOR STUDENTS

Account

Dashboard

Courses

Courses

Calendar

Inbox

Help

Home

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Quizzes

Modules

Conferences

Collaborations

EVA 4 > Quizzes > Q5

Q5

Due 19 Feb at 5:30

Points 100

Questions 8

Available until 19 Feb at 5:30

Time limit 30 Minutes

Submission details:

Time:3 minutes

Current score:84 out of 100

Kept score:84 out of 100

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 19 Feb at 5:30.

Attempt history

LATEST

Attempt 1

3 minutes

84 out of 100

Score for this quiz: 84 out of 100

Submitted 19 Feb at 2:29

This attempt took 3 minutes.

Question 1

10 / 10 pts

Select all which are true:

Dropout:

Correct!

☒ Reduces the gap between TestAcc and TrainAcc

☐ Increases Test Accuracy

☐ Increases Training Accuracy

☐ Increases Test Acc while reducing Train Acc.

Question 2

10 / 10 pts

Batch Normalization should be added before the predication layer.

Correct!

☐ True

☒ False

Question 3

10 / 10 pts

Batch Normalization can be added

Correct!

☒ After Convolution

☐ Before Convolution

Question 4

10 / 10 pts

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

Question 5

24 / 30 pts

Your model is overfitting. What all can be considered?

Correct!

☒ Reducing number of kernels

☒ Adding DropOut

☐ Going ahead with top_5 accuracies

☐ Adding/Changing Image Augmentation strategies

☐ Increasing number of kernels

☐ Increasing number of layers

☐ Changing the Optimizer

☐ Changing Learning Rate

☒ Adding Batch Normalization

☒ Adding more training data (but not touching test images)

Correct answer

☐

Question 6

10 / 10 pts

The images in our dataset are of size 100x100. Currently, you are at a layer where the resolution is 7x7x512. Which the best option from below (as we covered in the 10 codes)?

Correct!

☐ Larger Kernel Size to convert 7x7 to 1x1

☐ MaxPooling

☐ Dense Layer

☒ Using GAP, followed by FC or 1x1 to match number of classes

Question 7

10 / 10 pts

The activations for class A, B, and C before softmax were 10, 8 and 3.

The difference in softmax values for class A and class B would be

Correct!

☒ 76%

☐ 88%

☐ 12%

☐ 0.0008%

Question 8

0 / 10 pts

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:

Correct answer

☐ 2.127731

☐ -2.127731

☒ 0.127731

☐ -0.127731

You Answered

☒ 0.127731

Quiz score: 84 out of 100

◀ Previous

Next ▶