



DL Lecture Quiz 5 (2021)

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A public kahoot

Questions (8)

1 - Quiz

When do we need to apply regularization?

20 sec



When overfitting



When observing poor training performance



When underfitting



Always



2 - Quiz

Deep Neural Networks typically have ...

20 sec



Low bias, high variance



High bias, high variance



High bias, low variance



Low bias, low variance



3 - Quiz

Which of the following is not a regularization method?

20 sec



Data Augmentation



Adding an L1 penalty on the weights to the loss



Dropout



Increasing the # units in the hidden layer(s)



4 - Quiz

Which of these regularization methods leads to the sparsest networks?

20 sec



L1 regularization



L2 regularization



Dropout



Data Augmentation



5 - Quiz

When using regular dropout, units are dropped

20 sec



Only during training



Only during testing



During training and testing



Only in the backward pass



6 - Quiz

In early stopping, we should stop training when:

30 sec



Training error stops decreasing/starts increasing



Test error stops decreasing/starts increasing



Validation error stops decreasing/starts increasing



Both training and validation error stop decreasing/start increasing



7 - Quiz

When using data augmentation as regularization, we typically augment ...

20 sec



All data



Only the training data



Only the validation data



Only the test data



8 - Quiz

We should select a regularization cocktail based on its performance on the ...

20 sec



Only the training data



All data



Only the validation data



Only the test data

