



Deep convolutional models



Graded Quiz • 30 min

Due Dec 7, 1:59 AM CST

Case studies

✓ **Practical advice for using ConvNets**
TO PASS 80% or higher

✓ **Video:** Using Open-Source Implementation
4 min

✓ **Video:** Transfer Learning
8 min

LATEST SUBMISSION GRADE

100% ✓ **Video:** Data Augmentation
9 min

Congratulations! You passed!

Keep Learning

GRADE

100%

Deep convolutional models

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✓ **Video:** State of Computer Vision
12 min

1. Which of the following do you typically see as you move to deeper layers in a ConvNet?

1 / 1 point

Practice questions

✓ **Quiz:** Deep convolutional models
10 questions

Programming assignments

2. Which of the following do you typically see in a ConvNet? (Check all that apply.)

1 / 1 point

✓ **Submit your assignment**

DUE DATE Dec 7, 1:59 AM CST

ATTEMPTS 3 every 8 hours

✓ **Receive grade**

TO PASS 80% or higher

Grade

100%

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✓ **Correct**

3. In order to be able to build very deep networks, we usually only use pooling layers to downsize the height/width of the activation volumes while convolutions are used with "valid" padding. Otherwise, we would downsize the input of the model too quickly.

1 / 1 point

✓ **Correct**

4. Training a deeper network (for example, adding additional layers to the network) allows the network to fit more complex functions and thus almost always results in lower training error. For this question, assume we're referring to "plain" networks.

1 / 1 point