

Enhancing Vision with
Convolutional Neural
Networks

TO PASS 80% or higher

✓

Video: A conversation with Andrew Ng

1 min

✓

Video: What are convolutions and pooling?

2 min

✓

Reading: Coding convolutions and pooling layers

10 min

100%

LATEST SUBMISSION GRADE

1.

What is a Convolution?

✓

Video: Implementing convolutional layers

1 min

☐

A technique to filter out unwanted images

☐

A technique to make images bigger

✓

Reading: Learn more about convolution

10 min

☐

A technique to make images smaller

☒

A technique to isolate features in images

✓

Video: Implementing pooling layers

4 min

✓

Correct

✓

Reading: Getting hands-on, your first ConvNet

10 min

2.

What is Pooling?

✓

Video: Implementing the Fashion classifier with convolutions

4 min

☐

A technique to combine pictures

☐

A technique to make images sharper

✓

Reading: Try it for yourself

1h

☐

A technique to isolate features in images

✓

Video: Walking through convolutions

3 min

☒

A technique to reduce the information in an image while maintaining features

✓

Correct

✓

Reading: Experiment with filters and pools

1h


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CONGRATULATIONS! You passed!

100%

Week 3 Quiz

Keep Learning



GRADE

100%

People are making progress

4021 learners have recently completed this assignment

✓

Submit your assignment

DUE

Jul 20, 2:59 AM EDT

ATTEMPTS

3 every 8 hours

1 / 1 point

Try again

✓

Receive grade

TO PASS 80% or higher

Grade

100%

View Feedback


We keep your highest score

👍

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1 / 1 point



Quiz: Week 3 Quiz

<https://www.coursera.org/learn/introduction-tensorflow/exam/VJHaO/week-3-quiz/view-attempt>

1/1