Special applications: Face recognition & Neural style transfer

Graded Quiz • 30 min

Due Jun 1, 12:59 PM +06

Face Recognition

Neural Style Transfer

Practice questions

Quiz: Special applications: Face recognition & Neural style transfer
10 questions

Programming assignments

Notebook: Art generation with Neural Style Transfer
2h

Programming Assignment: Art generation with Neural Style Transfer

Notebook: Face Recognition
1h 30m

Programming Assignment: Face Recognition

Congratulations! You passed!

TO PASS 80% or higher

QUIZ • 30 MIN

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GRADE
100%

Special applications: Face recognition & Neural style transfer

LATEST SUBMISSION GRADE
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DUE Jun 1, 12:59 PM +06 **ATTEMPTS** 3 every 8 hours

Try again

Receive grade

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Grade
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We keep your highest score

1. Face verification requires comparing a new picture against one person's face, whereas face recognition requires comparing a new picture against K person's faces. **1 / 1 point**

   Correct

2. Why do we learn a function $d(img1, img2)$ for face verification? (Select all that apply.) **1 / 1 point**

   Correct

3. In order to train the parameters of a face recognition system, it would be reasonable to use a training set comprising 100,000 pictures of 100,000 different persons. **1 / 1 point**

   Correct

4. Which of the following is a correct definition of the triplet loss? Consider that $\alpha > 0$. (We encourage you to figure out the answer from first principles, rather than just refer to the lecture.) **1 / 1 point**