Convolutional Neural Networks

Lecture Notes (Optional)

Quiz

Programming Assignments

✓ **Reading:** How to Download your Notebook
2 min

✓ **Reading:** How to Refresh your Workspace
5 min

✓ **Programming Assignment:** Convolutional Model, Step by Step
3h

✓ **Programming Assignment:** Convolution Model Application
3h

Heroes of Deep Learning (Optional)

Programming Assignment: Convolution Model Application

✓ Passed · 100/100 points

Deadline Pass this assignment by Feb 5, 11:59 PM +06

Work in Browser ↗

Instructions   **My submissions**

Welcome to the second (required) programming exercise of Course 4 of the Deep Learning Specialization. In this notebook you will build ConvNets to create a mood classifier and identify sign language digits, while gaining familiarity with the TF Keras Sequential and Functional APIs along the way.

Instructions:

- Do not use loops (for/while) in your code, unless the instructions explicitly ask you to do so.

- Some code blocks contain graded functions, where you'll be expected to write some code. These are marked at the top of the block by a #GRADED FUNCTION comment, and you'll write your code in between the ### START SOLUTION HERE ### and ###END SOLUTION HERE### comments. Also, look for another comment that indicates roughly how many lines of code it will take to complete. After coding your function, run the cell right below it. This cell checks whether your results are correct, and cannot be modified.

When you run that cell and see the following:

"All tests passed."

...You're in good shape. :)

Take your time to complete this assignment! After you are done, submit your work and check your results. You need to score 70% to pass. Good luck! :)

Click on "My Submission" above to see your grades. It might take up to one minute for the graders to process your submission. You will see the point breakdown of your assignment, along with the grader feedback.

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