

Intro to DL Y2022 Semester B

Project part 3 checklist

Checklist

1. Build a script that downloads images from by url in a csv file that has the same format as sample.csv.
2. Make sure that you can download images automatically and can resize them to minimum 32x32 format size (<https://auth0.com/blog/image-processing-in-python-with-pillow/>). You can increase that size as you wish.
3. When storing the image, store its caption and its ID. Name (resized) images by their ID as <ID>.jpg.
4. Read about CNN models in keras at <https://www.tensorflow.org/tutorials/images/cnn> and <https://towardsdatascience.com/building-a-convolutional-neural-network-cnn-in-keras-329fbbadc5f5>. Note that you will use CNN2D.
5. Download training, validation, and test data from moodle.
6. Write the assignment at colab.
7. Evaluate your solution using the training data.
8. Run your best code on the test data and store it in the required format.
9. Submit your results on kaggle competition site provided in the assignment description.
10. Submit your runnable PYTHON code on moodle.