Image Classification

Project Submission

DUE
Mar 11

Image Classification

Introduction

In this project, you'll classify images from the **CIFAR-10 dataset**. The dataset consists of airplanes, dogs, cats, and other objects. The dataset will need to be preprocessed, then train a convolutional neural network on all the samples. You'll normalize the images, one-hot encode the labels, build a convolutional layer, max pool layer, and fully connected layer. At then end, you'll see their predictions on the sample images.

Getting the project files

The project files can be found in our **public GitHub repo**, in the `image-classification` folder. You can download the files from there, but it's better to clone the repository to your computer

This way you can stay up to date with any changes we make by pulling the changes to your local repository with `git pull`. Please note this project is written in Python 3.x.

2. Ensure you pass all points on **the rubric**.
3. When you're done with the project, please save the notebook as an HTML file. You can do this by going to the **File** menu in the notebook and choosing "Download as" > HTML. **Ensure you submit both the Jupyter Notebook and it's HTML version together.**
4. Package the "dlnd_image_classification.ipynb", "helper.py", "problem_unittests.py", and the HTML file into a zip archive, or push the files from your GitHub repo.
5. Hit Submit Project below!

Congratulations! You've completed this project

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