Lab 2: Feedforward NN Basics   **100/100** Points

3/21/2023

Attempt 1 ⌄   ○ **REVIEW FEEDBACK**
                       3/16/2023

Attempt 1 Score: ⤶ **Add Comment**
100/100

Unlimited Attempts Allowed

⌄ **Details**

Assignment

This lab is distributed as a Python notebook. From a shell, navigate to the working directory of your choice and run

```
cp /data/cs3450/nn_basics/nn-basics.ipynb .
cp -r /data/cs3450/nn_basics/img/ .
```

to copy the python notebook and the .png figures into that folder. Then launch the PyTorch Jupyter Notebook and have fun!

To use a Jupyter Notebook on Rosie, select the *Jupyter Notebook - Containerized* application and the **CS3450 Spring 2022** container option on the configuration screen. (Yes, the Spring 2022 container is still the correct choice in 2023)

Optional Local Installation

As an optional alternative, you can install Jupyter Notebook or Jupyter Lab on your machine. Doing this may conflict with any PyTorch or Python installations you already have on your machine.

To install Jupyter Lab on your own machine, open a command-prompt as an administrator and run:

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WARNING: The scripts jlpm.exe, jupyter-lab.exe, jupyter-labextension.exe and jupyter-labhub.exe are installed in 'C:\Users\foggp\AppData\Roaming\Python \Python39\Scripts' which is not on PATH.
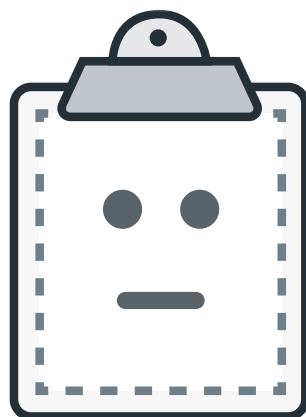 Consider adding this directory to PATH or, if you prefer to suppress this warning, use –no-warn-script-location.

Then, open a command prompt (or Git Bash prompt), **cd** into the folder with the Jupyter file (`C:\Users\foggp\AppData\Roaming\Python\Python39\Scripts` in this example), and type:

```
jupyter lab
```

To start Jupyter Lab. As long as you ran this from the folder with the juypter file, you should be able to open the file and start working the lab.

Deliverables

Submit your completed Juypter `.ipynb` file to to this Canvas assignment. Keep its original name: `nn-basics.ipynb`

Preview Unavailable
nn-basics.ipynb

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