

NBEXTENSION ISSUE

If you don't have the `nbextension` tab visible in your notebook then open ANACONDA prompt and run:

```
pip install jupyter_contrib_nbextensions
jupyter contrib nbextension install --user
jupyter nbextension enable varInspector/main
```

Enable the table of contents from `nbextension` tab once you start your notebook

H5PY ISSUE

Another problem you might have is:

`AttributeError: module 'h5py' has no attribute 'Group'`

when you try to run something with keras in windows

so run the following to fix this by opening anaconda command prompt in admin mode

```
pip uninstall h5py
pip install h5py==2.10.0
```

VISUALIZE TENSORBOARD¹

Open the ANACONDA prompt

Go to the directory that contains your `logs` directory (Created in your JUPYTER notebook)

In my case my `logs` directory is in my `Jupyter_code1` directory. So at the ANACONDA prompt I typed:

```
cd C:\Users\JohnChiasson\Documents\ECE697_DeepLearning\Fall2020\Michael_A_Nielsen\Jupyter_code1\
```

Next (still at the ANACONDA prompt) run the following:

```
tensorboard --logdir logs
```

TENSORBOARD will then print a link to your specific machine that looks like

```
http://ENG402193:6006/
```

Copy this link and paste it in your browser.

You will see accuracy and loss plots versus epoch as well as raster plots of gradients and activations for all the neural network models you have trained.

¹If you are running in LINUX then TENSORBOARD visualizations will automatically appear in a JUPYTER notebook cell.