**Instructions for setting up ML environment with Jupyter Notebooks**

1. GPU: install a Visual Studio component called:

* C++ development and Windows 10 SDK (Version 10.0.15063.0)

2. Download Anaconda from here:

* https://www.anaconda.com/download/

3. If on Windows, select “add to path” during installation.

4. To install tensorflow:

* conda install python=3.6 **to get back to python 3.6 if you’re using tensorflow**
* change the default python path to the new installation
  + example: E:\Engineering\Anaconda3\pkgs\python-3.6.8-h9f7ef89\_0\python.exe

5. Change Jupyter Notebook startup folder (Windows)

* find Jupyter Notebook launcher from the Windows menu
* Right click on the new launcher and change the Target field, change %USERPROFILE% to the full path of the folder which will contain all the notebooks.

6. install tensorflow or tensorflow-gpu

* conda install -c anaconda tensorflow-gpu

useful links:

Numpy for Matlab users:

<https://docs.scipy.org/doc/numpy-1.15.0/user/numpy-for-matlab-users.html>

Matplotlib examples:

<https://matplotlib.org/gallery/index.html>

https://github.com/mohakamg/python\_ml\_basics