1. Install pytorch

Reference:

<https://pytorch-nlp-tutorial-ny2018.readthedocs.io/en/latest/environment_setup.html>

Steps:

1. Run Anaconda prompt
2. Create environment

(base) C:\Users\weido>conda create -n mypytorch python=3.6

WARNING conda.base.context:use\_only\_tar\_bz2(632): Conda is constrained to only using the old .tar.bz2 file format because you have conda-build installed, and it is <3.18.3. Update or remove conda-build to get smaller downloads and faster extractions.

Collecting package metadata (repodata.json): done

Solving environment: done

## Package Plan ##

 environment location: C:\Users\weido\AppData\Local\Continuum\anaconda3\envs\mypytorch

 added / updated specs:

 - python=3.6

The following packages will be downloaded:

 package | build

 ---------------------------|-----------------

 certifi-2019.11.28 | py36\_0 157 KB

 pip-20.0.2 | py36\_1 1.9 MB

 python-3.6.10 | h9f7ef89\_0 20.3 MB

 setuptools-45.1.0 | py36\_0 691 KB

 sqlite-3.30.1 | he774522\_0 962 KB

 vs2015\_runtime-14.16.27012 | hf0eaf9b\_1 2.4 MB

 wheel-0.34.1 | py36\_0 67 KB

 ------------------------------------------------------------

 Total: 26.5 MB

The following NEW packages will be INSTALLED:

 certifi pkgs/main/win-64::certifi-2019.11.28-py36\_0

 pip pkgs/main/win-64::pip-20.0.2-py36\_1

 python pkgs/main/win-64::python-3.6.10-h9f7ef89\_0

 setuptools pkgs/main/win-64::setuptools-45.1.0-py36\_0

 sqlite pkgs/main/win-64::sqlite-3.30.1-he774522\_0

 vc pkgs/main/win-64::vc-14.1-h0510ff6\_4

 vs2015\_runtime pkgs/main/win-64::vs2015\_runtime-14.16.27012-hf0eaf9b\_1

 wheel pkgs/main/win-64::wheel-0.34.1-py36\_0

 wincertstore pkgs/main/win-64::wincertstore-0.2-py36h7fe50ca\_0

Proceed ([y]/n)? y

Downloading and Extracting Packages

wheel-0.34.1 | 67 KB | ############################################################################ | 100%

vs2015\_runtime-14.16 | 2.4 MB | ############################################################################ | 100%

sqlite-3.30.1 | 962 KB | ############################################################################ | 100%

setuptools-45.1.0 | 691 KB | ############################################################################ | 100%

certifi-2019.11.28 | 157 KB | ############################################################################ | 100%

python-3.6.10 | 20.3 MB | ############################################################################ | 100%

pip-20.0.2 | 1.9 MB | ############################################################################ | 100%

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

#

# To activate this environment, use

#

# $ conda activate mypytorch

#

# To deactivate an active environment, use

#

# $ conda deactivate

1. Activate environment

(base) C:\Users\weido>conda activate mypytorch

C:\Users\weido>set "KERAS\_BACKEND="

(mypytorch) C:\Users\weido>

1. Install ipython, jupyter, ipykernel

(mypytorch) C:\Users\weido>conda install ipython

(mypytorch) C:\Users\weido>conda install jupyter

(mypytorch) C:\Users\weido>python -m ipykernel install --user --name mypytorch

Reference:

 [https://medium.com/@bryant.kou/how-to-install-pytorch-on-windows-step-by-step-cc4d004adb2a](https://medium.com/%40bryant.kou/how-to-install-pytorch-on-windows-step-by-step-cc4d004adb2a)

1. Install pytorch

(mypytorch) C:\Users\weido>conda install pytorch -c pytorch

(mypytorch) C:\Users\weido>conda list pytorch

# packages in environment at C:\Users\weido\AppData\Local\Continuum\anaconda3\envs\mypytorch:

#

# Name Version Build Channel

pytorch 1.4.0 py3.6\_cuda101\_cudnn7\_0 pytorch

1. Install other packages: sklearn, scipy, pandas, matplotlib, torchvision

(mypytorch) C:\Users\weido>conda install scikit-learn

(mypytorch) C:\Users\weido>conda install pandas

(mypytorch) C:\Users\weido>conda install matplotlib

(mypytorch) C:\Users\weido>conda install statsmodels

(mypytorch) C:\Users\weido>conda install seaborn

(mypytorch) C:\Users\weido>conda install pytorch=1.4.0 torchvision -c pytorch

(Later, install skimage)

(mypytorch) C:\Users\weido>conda install -c conda-forge scikit-image



1. Testing

Run jupyter notebook from the command prompt or start bar

(mypytorch) C:\Users\weido>jupyter notebook

or





Select New: mypytorch



