Set Up Guide for Natural Language Processing (CS 5316)
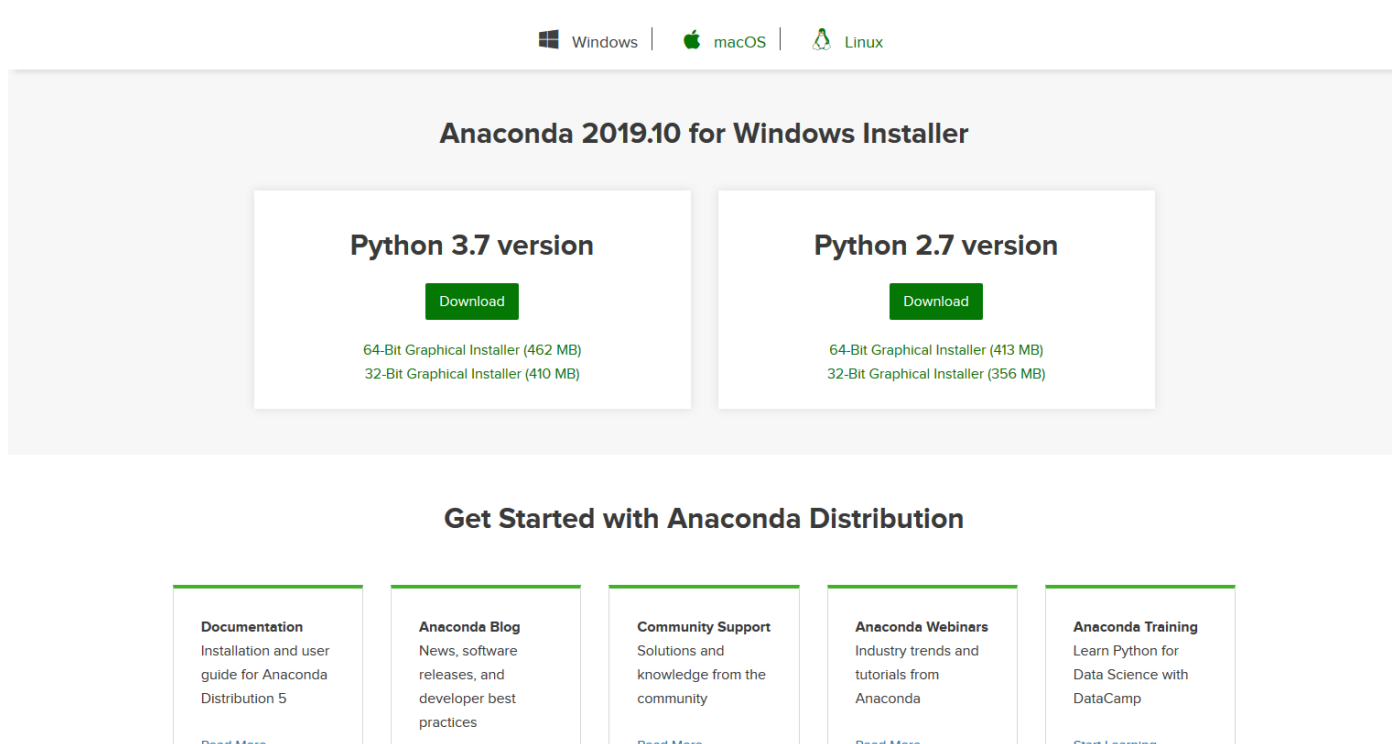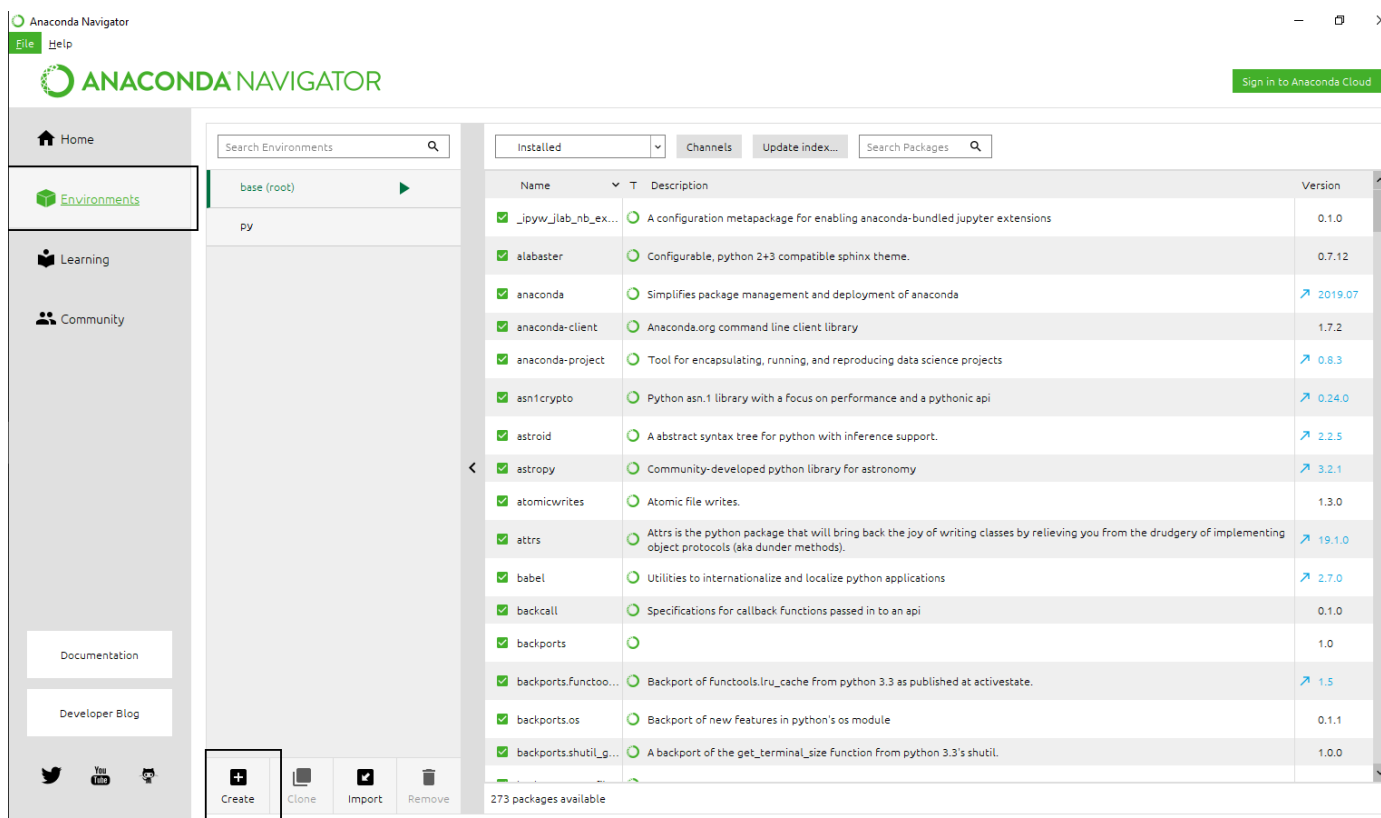
- Please download and install the Anaconda Navigator(Python version 3.7), site link: https://www.anaconda.com/distribution/
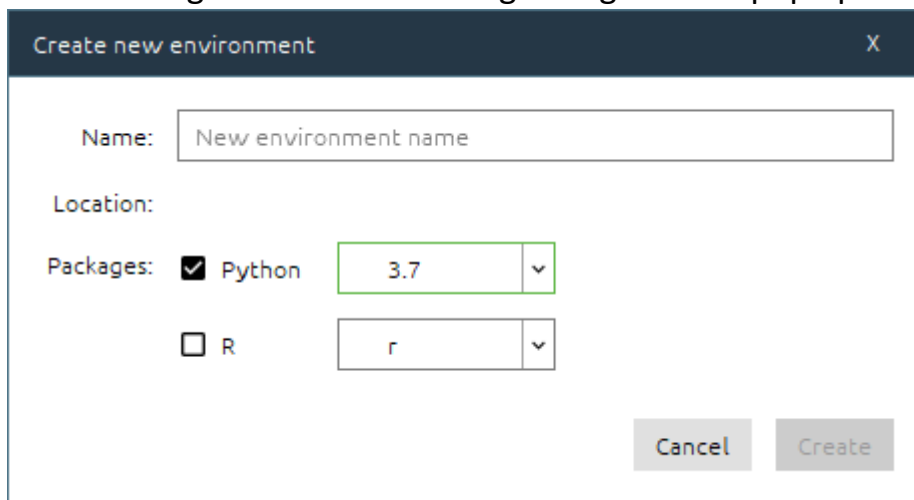

- After install anaconda navigator, open the environments tab as shown below:

You can either create a new environment(recommended) by clicking the create option or

install all the required packages in root, multiple environments are usually used to manage different projects that may be based on different python versions.

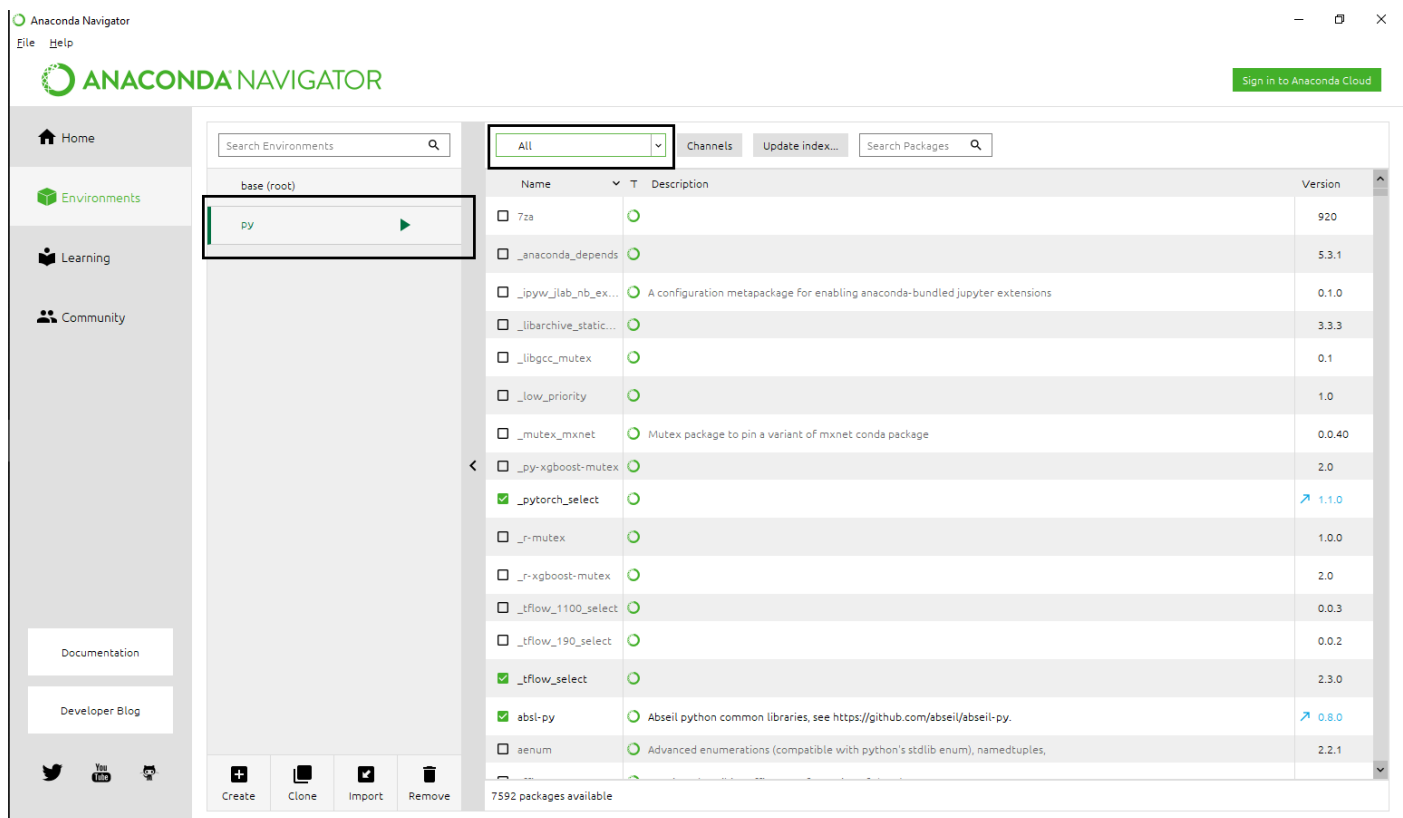- After clicking create the following dialog box will pop up:

Select required version (3.7 in our case), enter a name for environment and click create.

- Select the new environment(py in my case) and select All from the drop-down box as shown below:
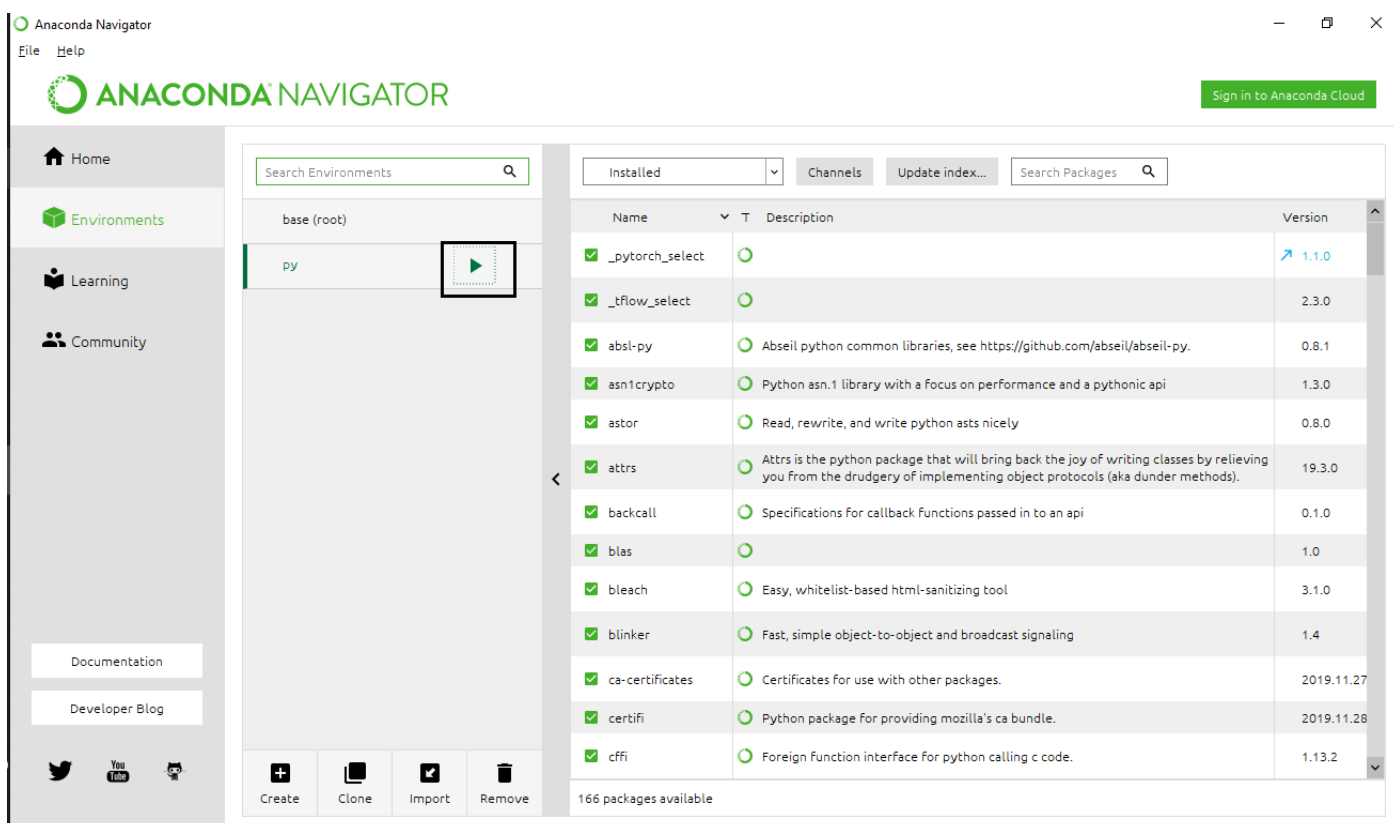
- Search and select all the packages in the list below(ignore the ones that are already installed), then click install:
  - Nltk
  - pandas
  - Numpy
  - Tensorflow
  - Matplotlib
  - Gensim
  - spaCy
  - tabulate
  - Scikit-learn
- If any of the packages are not available, you can install them through the terminal. Click the play button beside your environments name and click "open terminal", search online for pip install or conda install commands related to those packages and run them in the terminal.

- To run the Jupyter notebook click the play button and select the option run with Jupyter Notebook:

Anaconda Navigator — □ ✕

◯ ANACONDA NAVIGATOR

Sign in to Anaconda Cloud

🏠 Home

📦 Environments

📖 Learning

👥 Community

Search Environments 🔍

base (root)

py ▶

	Open Terminal
	Open with Python
	Open with IPython
	Open with Jupyter Notebook

Documentation

Developer Blog

🐦 ▶ ⑂

Installed ▾   Channels   Update index...   Search Packages 🔍

Name ▾ T	Description	Version
◯		↗ 1.1.0
◯		2.3.0
◯	Abseil python common libraries, see https://github.com/abseil/abseil-py.	0.8.1
◯	Python asn.1 library with a focus on performance and a pythonic api	1.3.0
☑ astor	Read, rewrite, and write python asts nicely	0.8.0
☑ attrs	Attrs is the python package that will bring back the joy of writing classes by relieving you from the drudgery of implementing object protocols (aka dunder methods).	19.3.0
☑ backcall	Specifications for callback functions passed in to an api	0.1.0
☑ blas	◯	1.0
☑ bleach	Easy, whitelist-based html-sanitizing tool	3.1.0
☑ blinker	Fast, simple object-to-object and broadcast signaling	1.4
☑ ca-certificates	Certificates for use with other packages.	2019.11.27
☑ certifi	Python package for providing mozilla's ca bundle.	2019.11.28
☑ cffi	Foreign function interface for python calling c code.	1.13.2

Create   Clone   Import   Remove   166 packages available