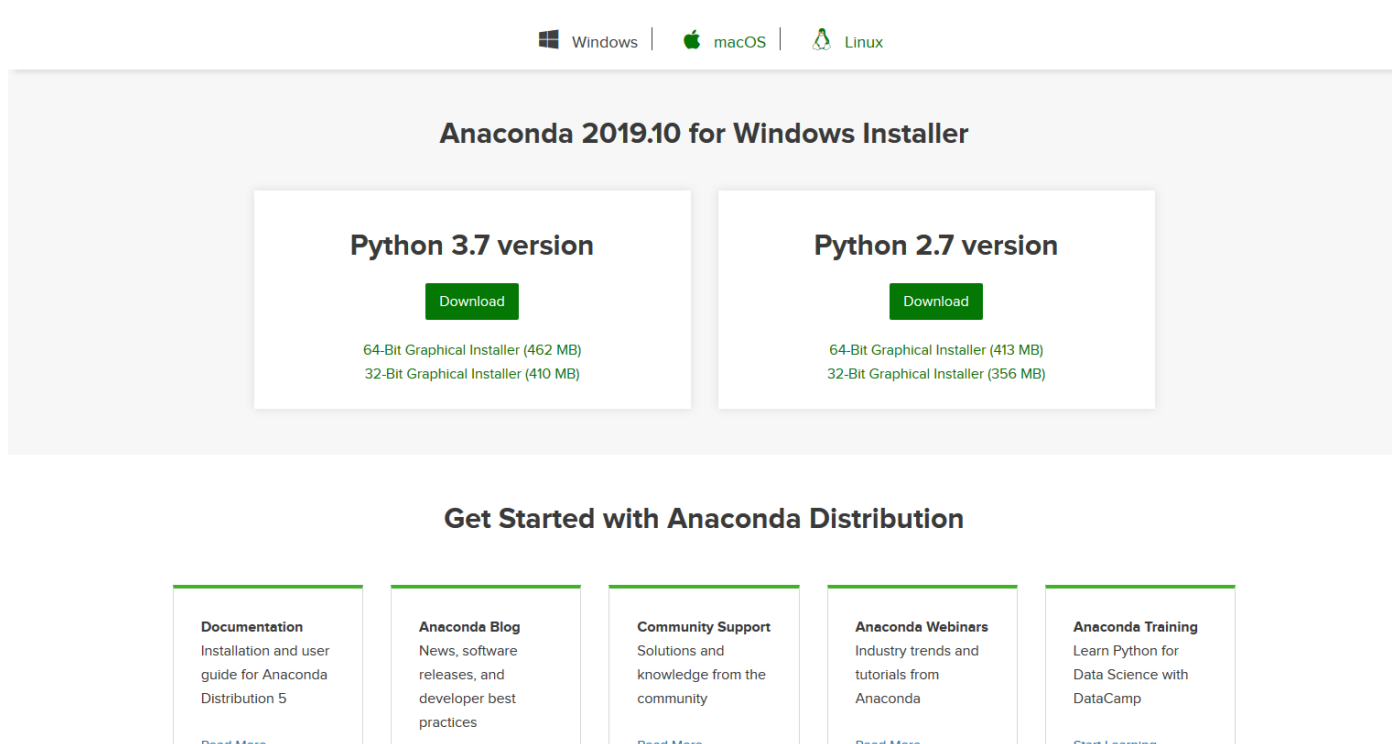
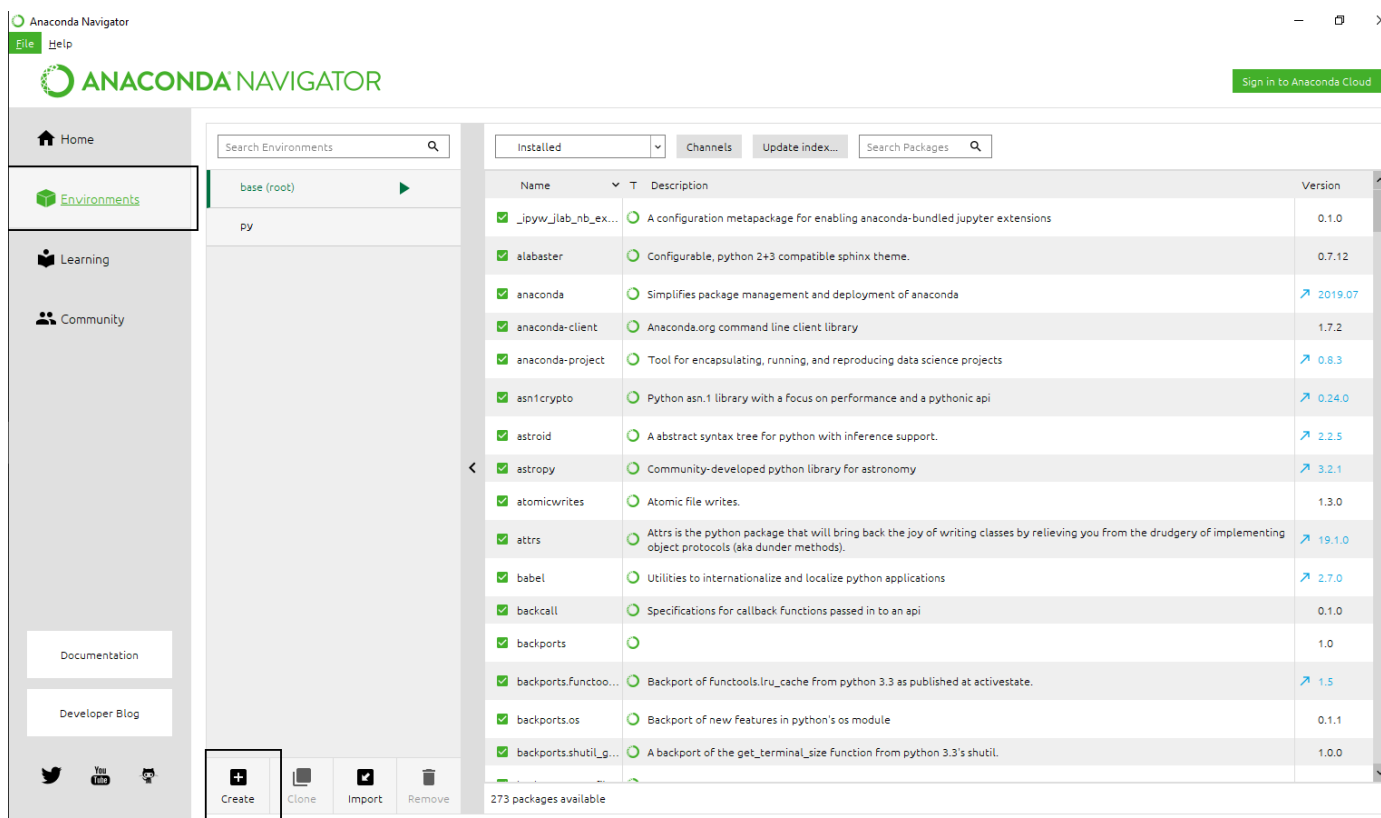


Set Up Guide for Natural Language Processing (CS 5316)

- Please download and install the Anaconda Navigator(Python version 3.7), site link: <https://www.anaconda.com/distribution/>



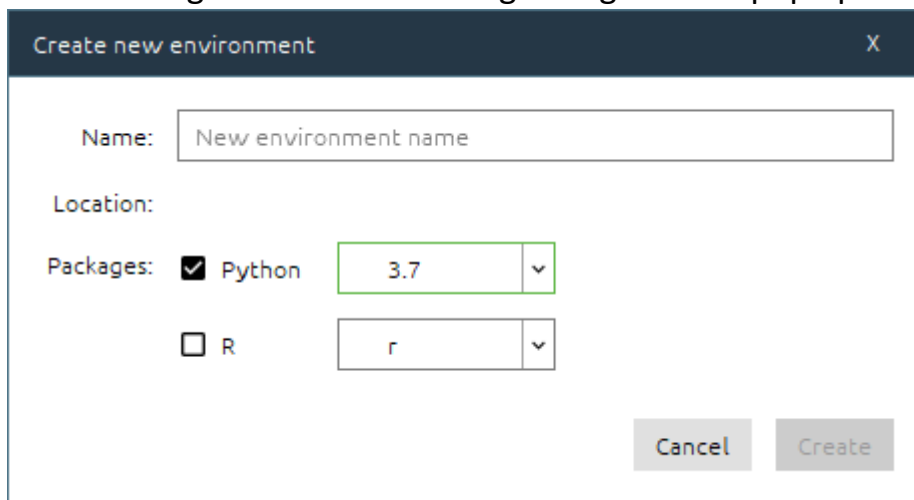
- After install anaconda navigator, open the environments tab as shown below:



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:

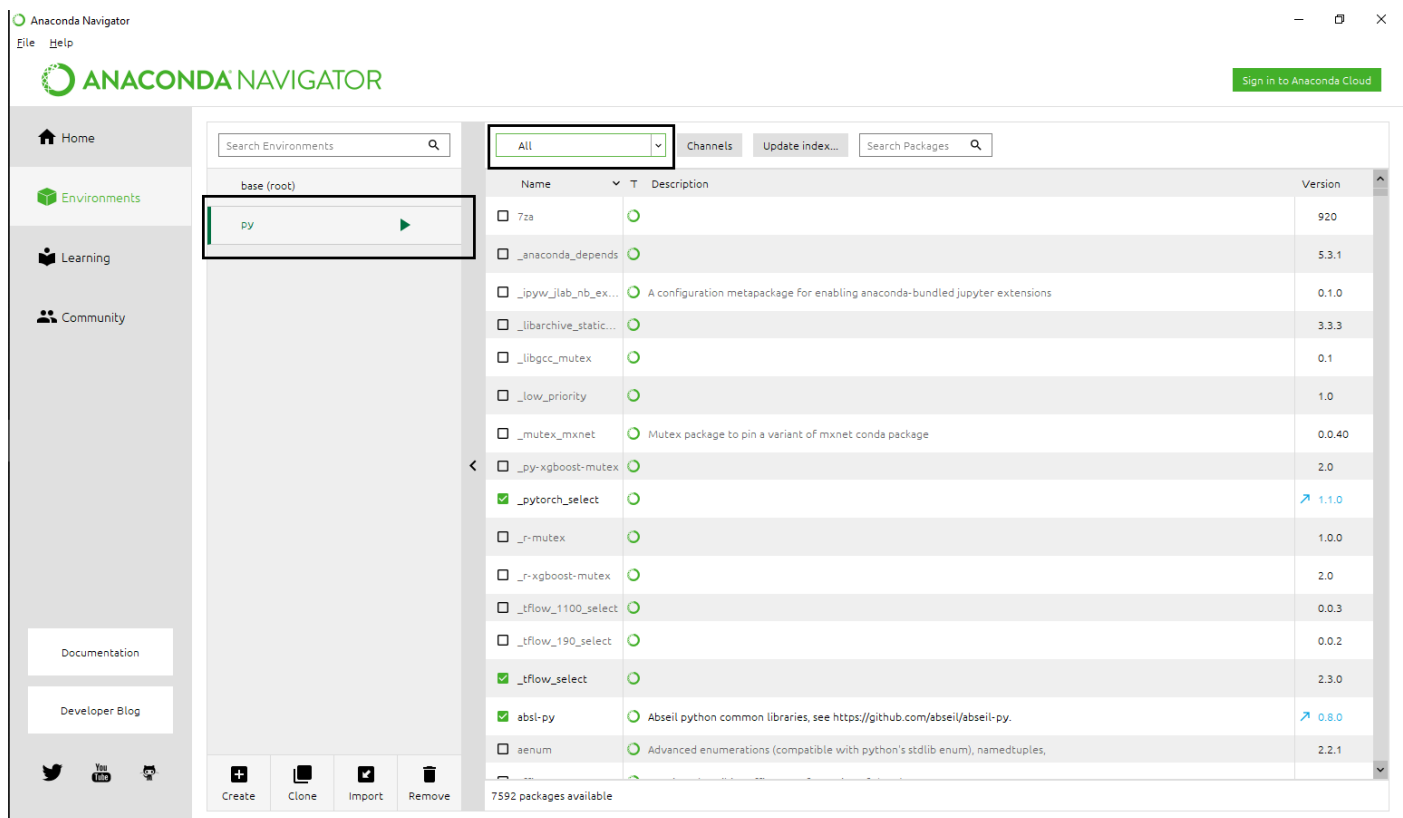


The dialog box titled "Create new environment" has a close button (X) in the top right corner. It contains the following fields and controls:

- Name:** A text input field with the placeholder text "New environment name".
- Location:** A text input field.
- Packages:** A section with two options:
 - ☒ **Python**: A dropdown menu showing "3.7".
 - ☐ **R**: A dropdown menu showing "r".
- Buttons:** "Cancel" and "Create" buttons at the bottom right.

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:

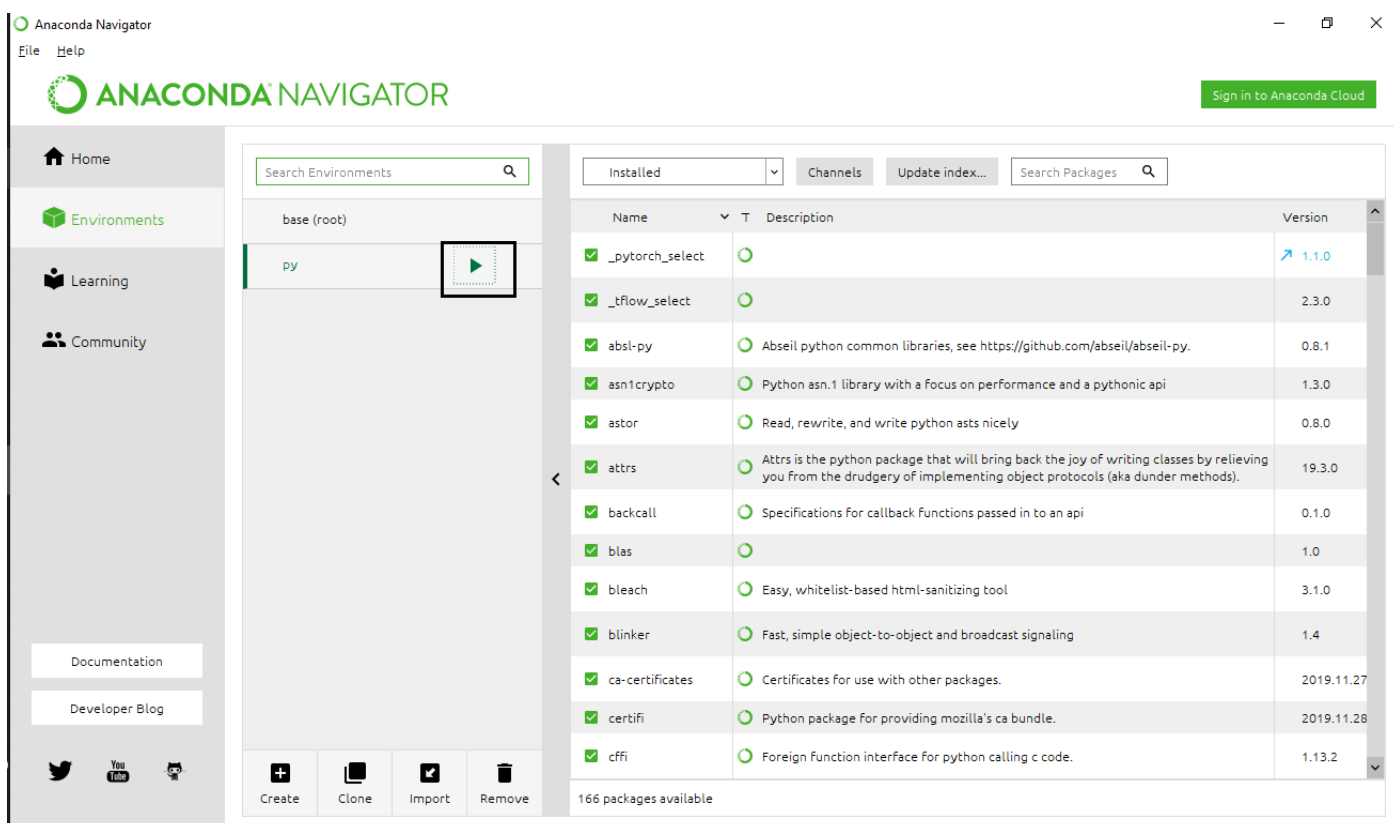


The screenshot shows the Anaconda Navigator application interface. The left sidebar contains navigation links: Home, Environments, Learning, and Community. The main panel displays a list of environments. The "py" environment is selected, and the "All" channel is chosen from the dropdown menu. The package list is shown with columns for Name, Description, and Version. The "pytorch_select" package is highlighted with a green checkmark.

Name	Description	Version
7za		920
_anaconda_depends		5.3.1
_ipyw_jlab_nb_ex...	A configuration metapackage for enabling anaconda-bundled jupyter extensions	0.1.0
_libarchive_stat...		3.3.3
_libgcc_mutex		0.1
_low_priority		1.0
_mutex_mxnet	Mutex package to pin a variant of mxnet conda package	0.0.40
_py-xgboost-mutex		2.0
<input checked="" type="checkbox"/> _pytorch_select		1.1.0
_r-mutex		1.0.0
_r-xgboost-mutex		2.0
_tflow_1100_select		0.0.3
_tflow_190_select		0.0.2
<input checked="" type="checkbox"/> _tflow_select		2.3.0
<input checked="" type="checkbox"/> absl-py	Abseil python common libraries, see https://github.com/abseil/abseil-py.	0.8.0
aenum	Advanced enumerations (compatible with python's stdlib enum), namedtuples,	2.2.1

7592 packages available

- 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:



Home

Environments

Learning

Community

Documentation

Developer Blog



Search Environments

Installed

Channels

Update index...

Search Packages

base (root)

Name

Description

Version

py

Open Terminal

Open with Python

Open with IPython

Open with Jupyter Notebook

✓ astor

✓ attrs

✓ backcall

✓ blas

✓ bleach

✓ blinker

✓ ca-certificates

✓ certifi

✓ cffi



1.1.0	2.3.0	0.8.1	1.3.0	0.8.0	19.3.0	0.1.0	1.0	3.1.0	1.4	2019.11.27	2019.11.28	1.13.2
Abseil python common libraries, see https://github.com/abseil/abseil-py.	Python asn.1 library with a focus on performance and a pythonic api	Read, rewrite, and write python asts nicely	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).	Specifications for callback functions passed in to an api	Easy, whitelist-based html-sanitizing tool	Fast, simple object-to-object and broadcast signaling	Certificates for use with other packages.	Python package for providing mozilla's ca bundle.	Foreign function interface for python calling c code.			

Create

Clone

Import

Remove

166 packages available