

Anaconda & PyCharm Installation

2019. 3. 27

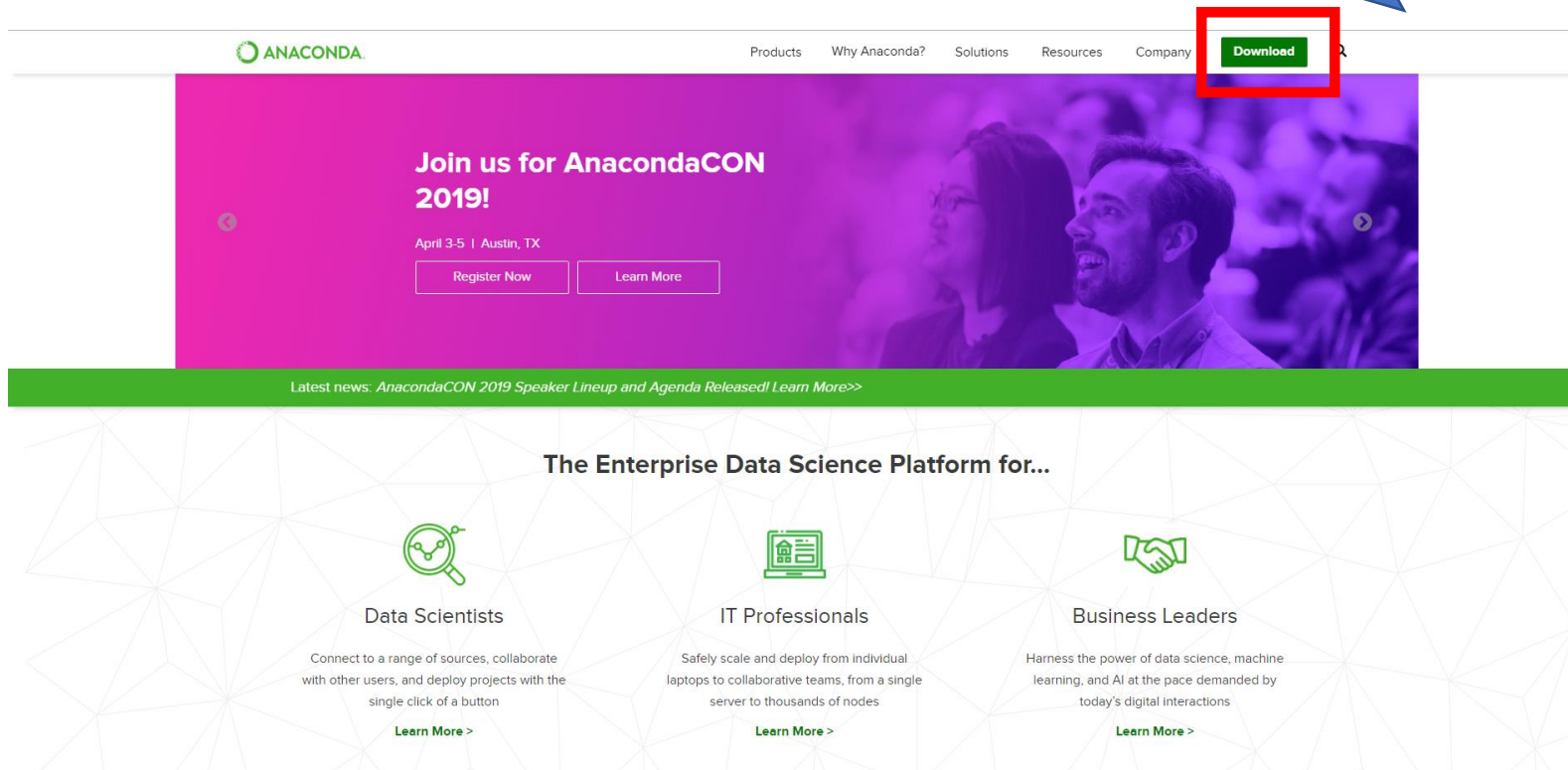
Yoonki Jeong

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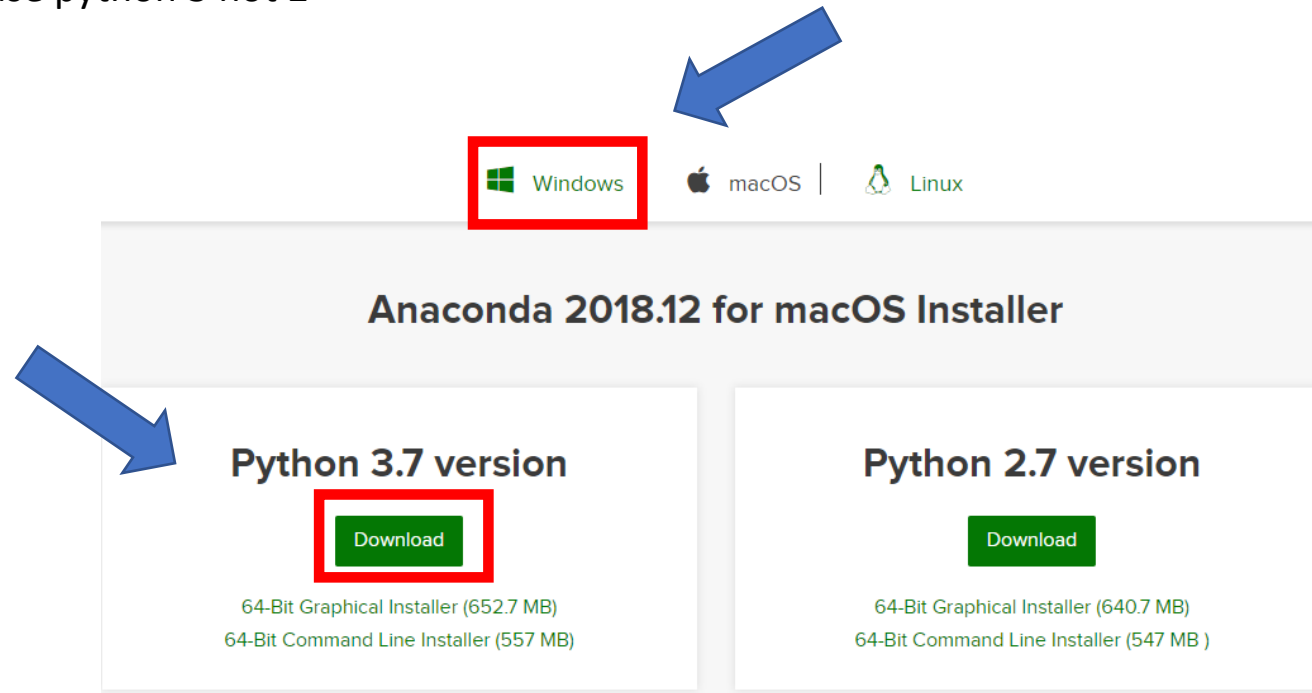
Preparation

- Download Anaconda Installer
 - Go to www.anaconda.com and click download tab



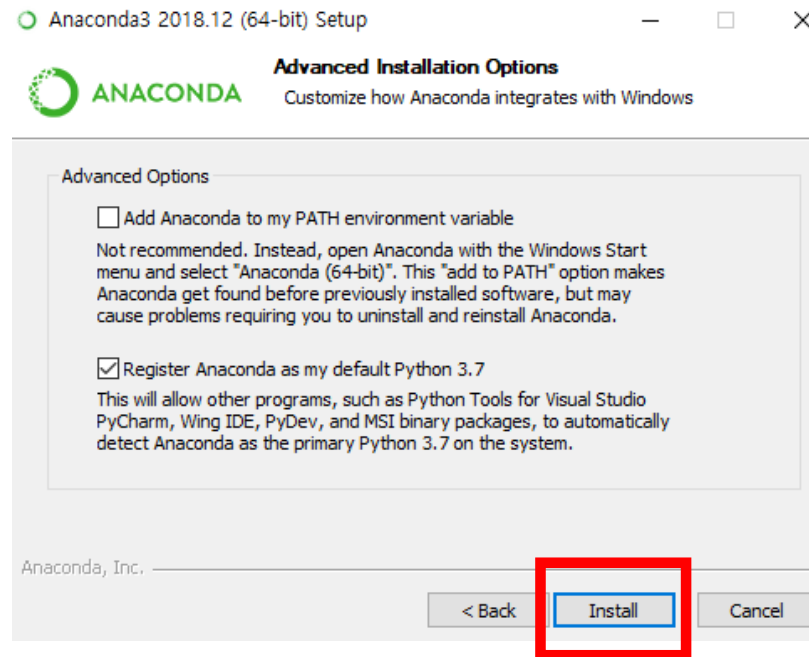
Preparation

- Download Anaconda Installer
 - Download Anaconda for python 3 installer for your OS
 - Click your OS
 - We will use python 3 not 2



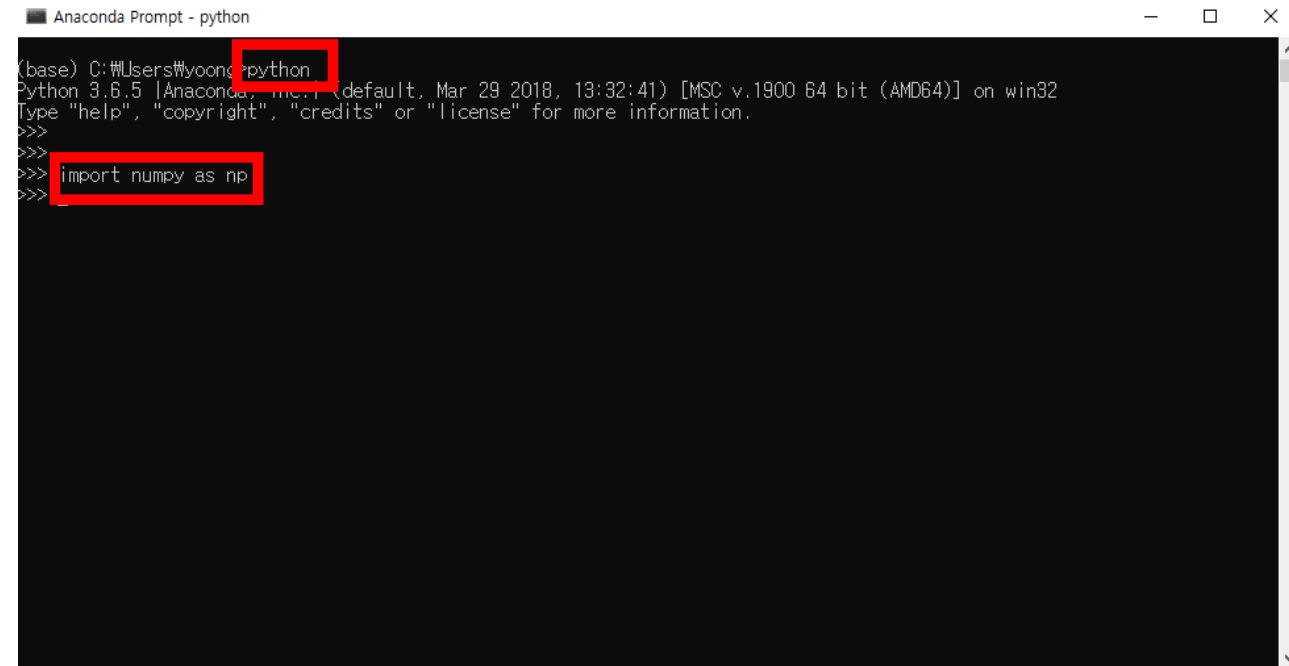
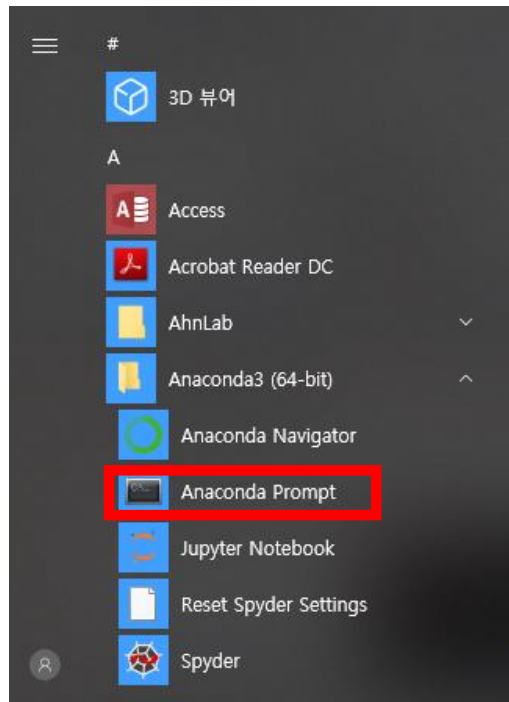
Install Anaconda (Windows)

- Run installer
- Click “Next”, “Agree”
- Don’t check or uncheck any of options, just install



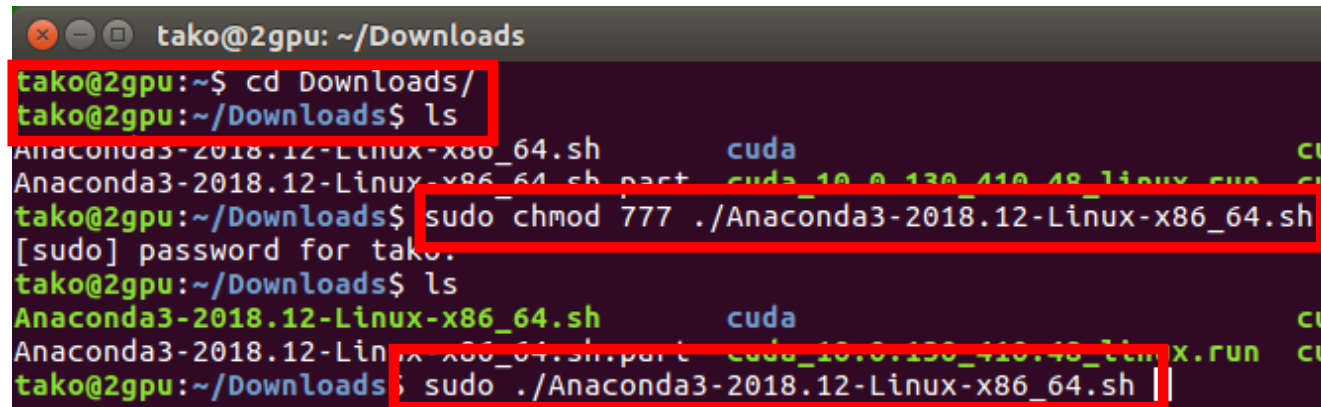
Install Anaconda (Windows)

- Run anaconda prompt to check
 - Execute python
 - Import “Numpy” package
 - Anaconda is successfully installed if no error occurs



Install Anaconda (Linux)

- Move to the folder where installer exists
 - Usually 'Download' folder
- Change permission
 - “sudo chmod 777 ./Anaconda...[FILENAME]”
- Run installer
 - Sudo ./Anaconda...[FILENAME]



```
tako@2gpu: ~/Downloads
tako@2gpu:~$ cd Downloads/
tako@2gpu:~/Downloads$ ls
Anaconda3-2018.12-Linux-x86_64.sh      cuda
Anaconda3-2018.12-Linux-x86_64.sh.part  cuda_10.0.130_410.48_linux.run  cud
tako@2gpu:~/Downloads$ sudo chmod 777 ./Anaconda3-2018.12-Linux-x86_64.sh
[sudo] password for tako:
tako@2gpu:~/Downloads$ ls
Anaconda3-2018.12-Linux-x86_64.sh      cuda
Anaconda3-2018.12-Linux-x86_64.sh.part  cuda_10.0.130_410.48_linux.run  cud
tako@2gpu:~/Downloads$ sudo ./Anaconda3-2018.12-Linux-x86_64.sh
```

Install Anaconda (Linux)

- Follow the instructions and install
 - I recommend you to just press ENTER on the options if you don't know what it is

```
tako@2gpu: ~/Downloads
pyopenssl
    A thin Python wrapper around (a subset of) the OpenSSL library.

kerberos (krb5, non-Windows platforms)
    A network authentication protocol designed to provide strong authentication for client/server applications by using secret-key cryptography.

cryptography
    A Python library which exposes cryptographic recipes and primitives.

Do you accept the license terms? [yes/no]
[no] >>>
Please answer 'yes' or 'no':
>>>
Please answer 'yes' or 'no':
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Please answer 'yes' or 'no':
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Please answer 'yes' or 'no':
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Please answer 'yes' or 'no':
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Please answer 'yes' or 'no':
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Please answer 'yes' or 'no':
>>> yes

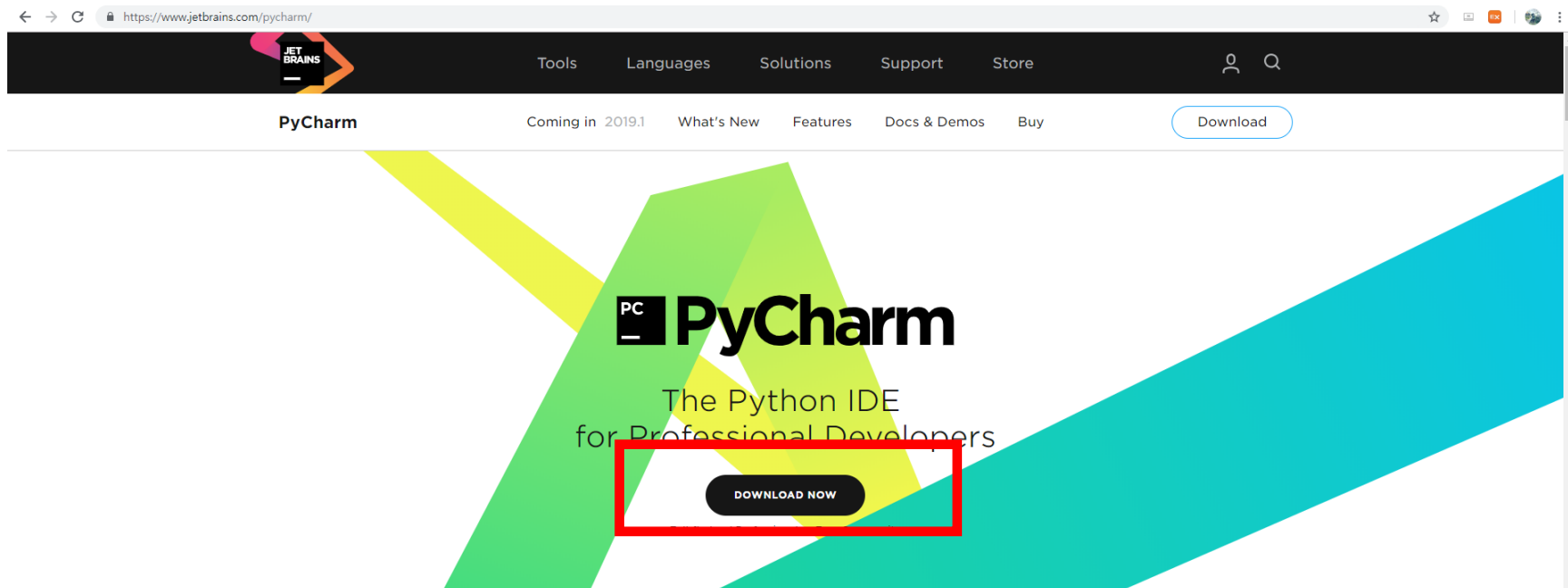
Anaconda3 will now be installed into this location:
/home/tako/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/tako/anaconda3] >>>
```


Install PyCharm

- You may use other IDE for python as you wish. (Such as Sublime Text, VS Code etc.) If you haven't used any, I recommend you to install PyCharm.
- Go to www.jetbrains.com/pycharm/
- Press “Download Now”



Install PyCharm

- Choose appropriate OS and download Community version
- Professional version is for-a-month trial. (Not free)



Version: 2018.3.5
Build: 183.5912.18
Released: February 27, 2019

[System requirements](#)
[Installation Instructions](#)
[Previous versions](#)

Download PyCharm

Windows

macOS

Linux

Professional

Full-featured IDE
for Python & Web
development

DOWNLOAD

Free trial

Community

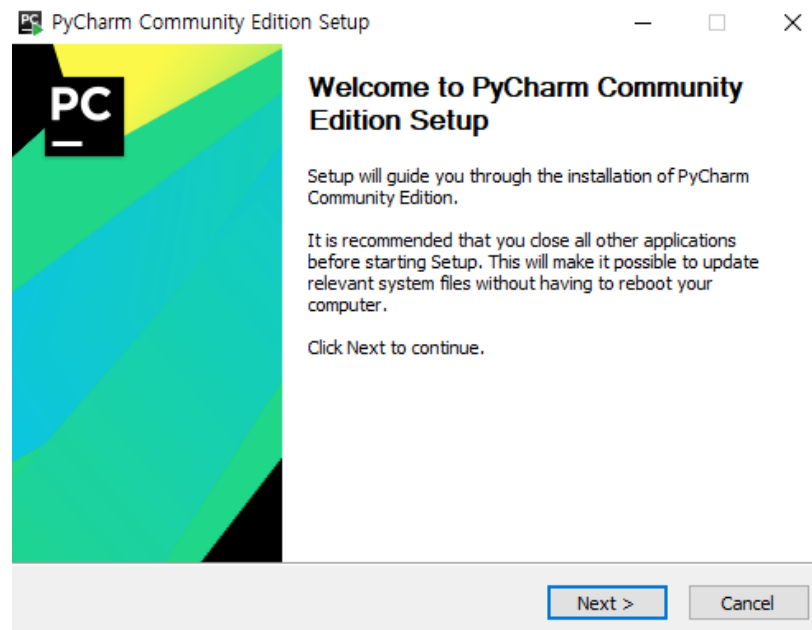
Lightweight IDE
for Python & Scientific
development

DOWNLOAD

Free, open-source

Install PyCharm (Windows)

- Run PyCharm Installer
- Follow the instructions
- Run PyCharm

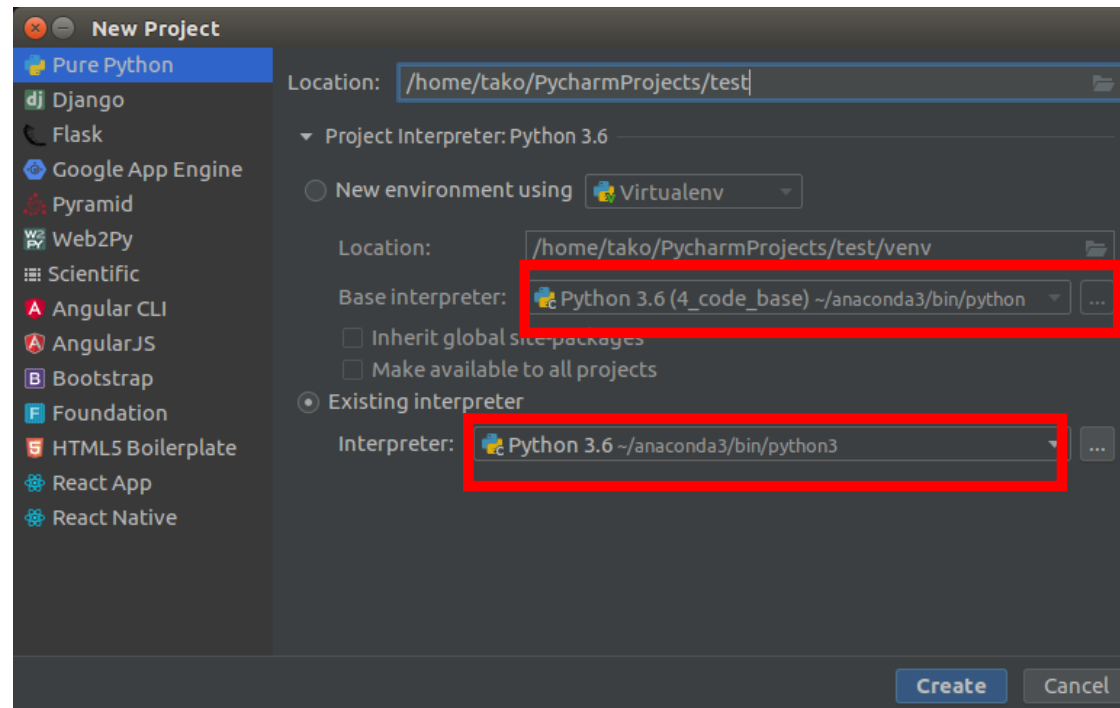


Install PyCharm (Linux)

- Unzip download PyCharm for linux
- Move to bin folder
- Run PyCharm
 - “./Pycharm.sh”

Install PyCharm

- Make new project for test
- You can either make new python environment or use existing python
- You should use Python from Anaconda as an interpreter



Install PyCharm

- Try importing any package and execute some simple codes
- If you don't have any error, PERFECT.

