

python programming

- python 환경 설치하기
 - 김종혜

설치순서

[0] 파이썬 설치전

[1] 파이썬 기본 설치

[2] PyCharm 설치

[3] Anaconda 설치

[0] 파이썬 설치전

- 파이썬은 한글 경로를 싫어합니다.
- 특히, 사용자계정(user)폴더가 한글이름으로 되어 있으면, 사용자계정폴더를 영어로 변경해 주세요
- 변경방법 참고

<https://gbworld.tistory.com/1210>

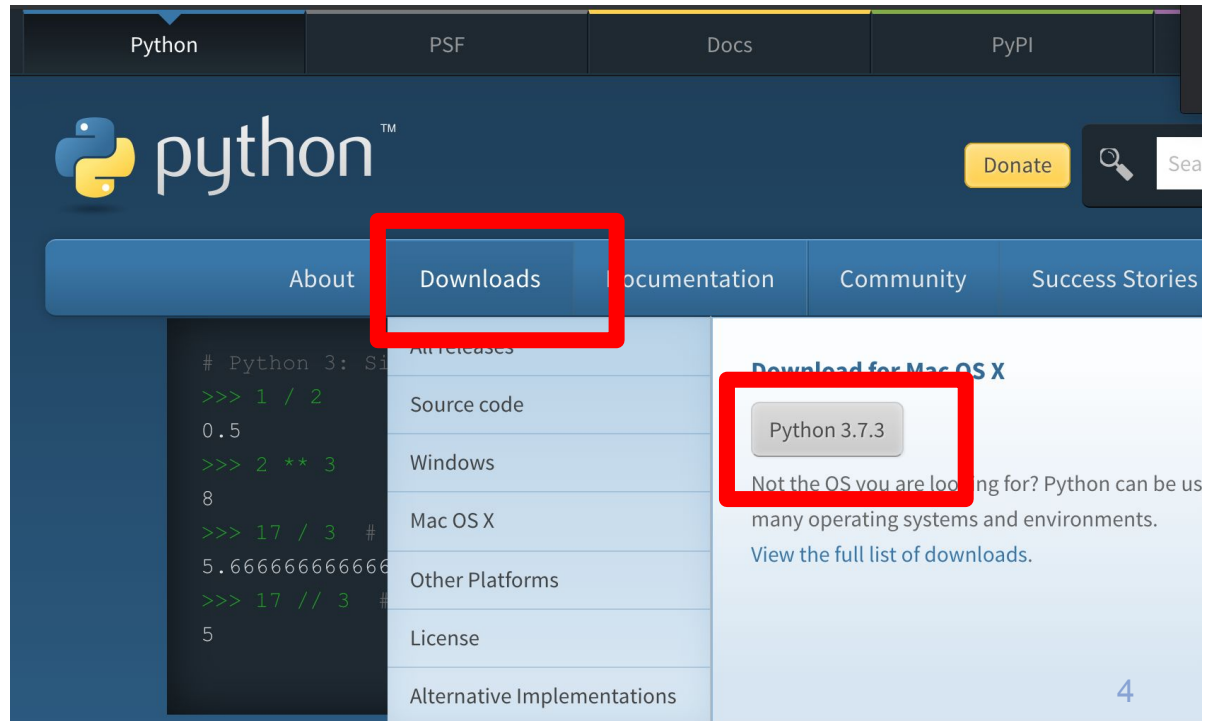
[1] 파이썬 설치 _ 기본설치

1. 파이썬 사이트에 들어간다.

<https://www.python.org/>

2. Download 메뉴에서 3.7.3을 다운받아 설치한다.

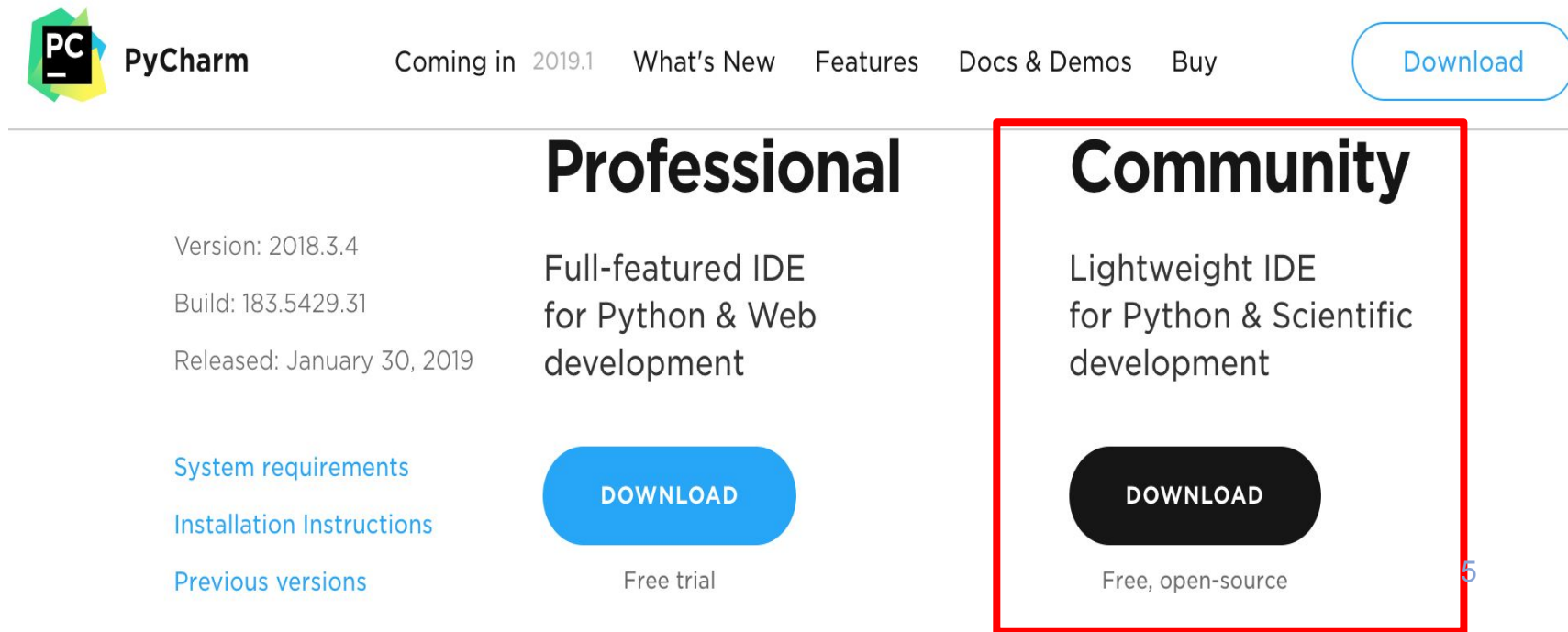
3. 설치과정은 그냥 “NEXT” 누른다.



[2] Pycharm 설치

<https://www.jetbrains.com/pycharm/>

- python 프로그램을 쉽게 개발할 수 있도록 하는 통합 개발 환경 (IDE)
1. <https://www.jetbrains.com/pycharm/>
 2. “Community” 를 다운받아 설치한다.



The screenshot shows the PyCharm website with the Professional and Community editions. The Community edition is highlighted with a red border. The Professional edition is described as a 'Full-featured IDE for Python & Web development' and is available as a 'Free trial'. The Community edition is described as a 'Lightweight IDE for Python & Scientific development' and is 'Free, open-source'. Both editions have a 'DOWNLOAD' button. The Professional edition also has links for 'System requirements', 'Installation Instructions', and 'Previous versions'.

PyCharm Coming in 2019.1 What's New Features Docs & Demos Buy [Download](#)

Professional

Version: 2018.3.4
Build: 183.5429.31
Released: January 30, 2019

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

DOWNLOAD

Free trial

Community

Lightweight IDE
for Python & Scientific
development

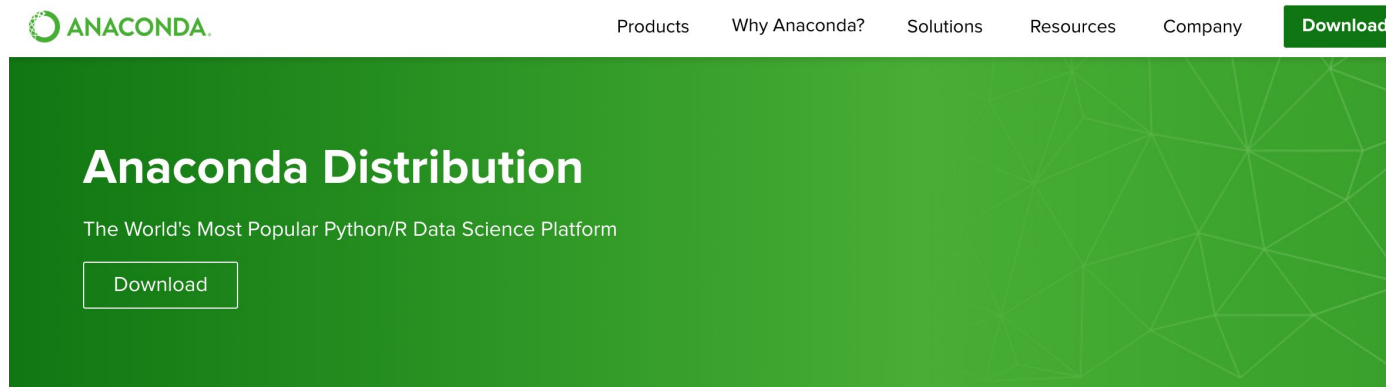
DOWNLOAD

Free, open-source

[3] Anaconda 설치

<https://www.anaconda.com>

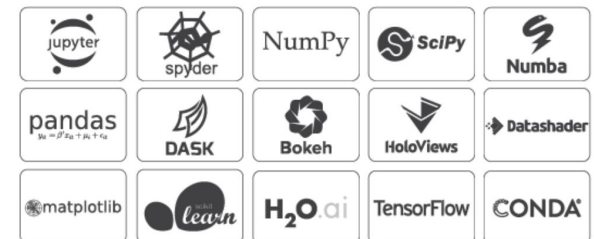
파이썬과 관련된 라이브러리를 쉽고 한꺼번에 설치해서 사용할 수 있는 환경을 만들어줌.



The open-source **Anaconda Distribution** is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 11 million users worldwide, it is the industry standard for developing, testing, and training on a single machine, enabling *individual data scientists* to:

- Quickly download 1,500+ Python/R data science packages
- Manage libraries, dependencies, and environments with **Conda**
- Develop and train machine learning and deep learning models with **scikit-learn**, **TensorFlow**, and **Theano**

Accelerate data with cost-efficiency and performance with **Dask**, **NumPy**, and **Bokeh**



[3] Anaconda 설치

<https://www.anaconda.com>

1. 아나콘다 설치 사이트에 들어간다.

<https://www.anaconda.com/distribution/#download-section>



Windows



macOS



Linux

Anaconda 2019.03 for macOS Installer

Python 3.7 version

Download

64-Bit Graphical Installer (637 MB)

64-Bit Command Line Installer (542 MB)

Python 2.7 version

Download

64-Bit Graphical Installer (624 MB)

64-Bit Command Line Installer (530 MB)

[3] Anaconda 설치

<https://www.anaconda.com>

2. 운영체제 환경에 맞는 파이썬 3.7 버전 프로그램
다운받아, 설치한다.



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[3] Anaconda 설치

<https://www.anaconda.com>

시작메뉴(윈도우 버튼) -> [Anaconda Navigator]
클릭

아래와 같은 창이 나오면 끝!

