

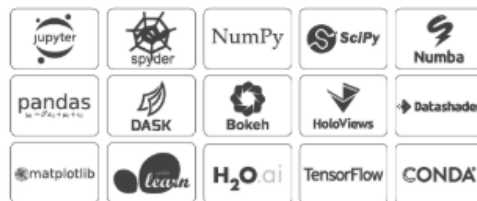
# Anaconda Distribution

The World's Most Popular Python/R Data Science Platform

Download

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**
- Analyze data with scalability and performance with **Dask**, **NumPy**, **pandas**, and **Numba**
- Visualize results with **Matplotlib**, **Bokeh**, **Datashader**, and **Holoviews**



## 1.1. 아나콘다 다운로드

- 아래의 URL로 접속하여 다운로드를 클릭합니다.

<https://www.anaconda.com/distribution/>

## Anaconda 2019.03 for Windows Installer

### Python 3.7 version

Download

64-Bit Graphical Installer (662 MB)

32-Bit Graphical Installer (546 MB)

### Python 2.7 version

Download

64-Bit Graphical Installer (587 MB)

32-Bit Graphical Installer (493 MB)

## Get Started with Anaconda Distribution

### Documentation

Installation and user guide for Anaconda

### Anaconda Blog

News, software releases, and developer best

### Community Support

Solutions and knowledge from the

### Anaconda Webinars

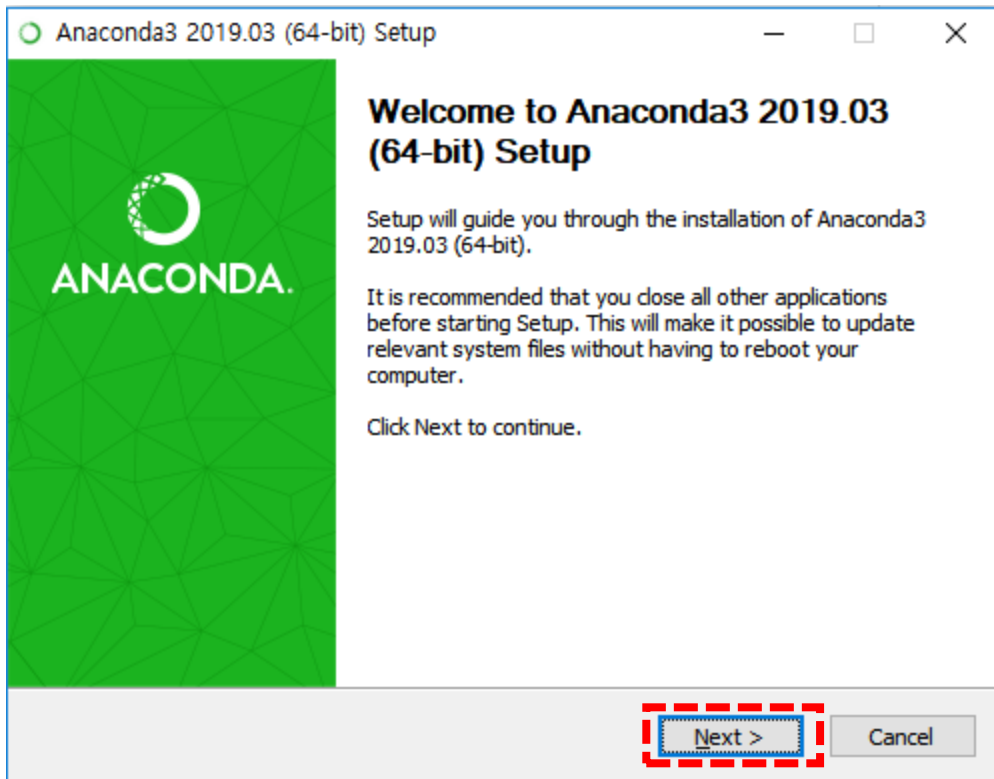
Industry trends and tutorials from

### Anaconda Training

Learn Python for Data Science with

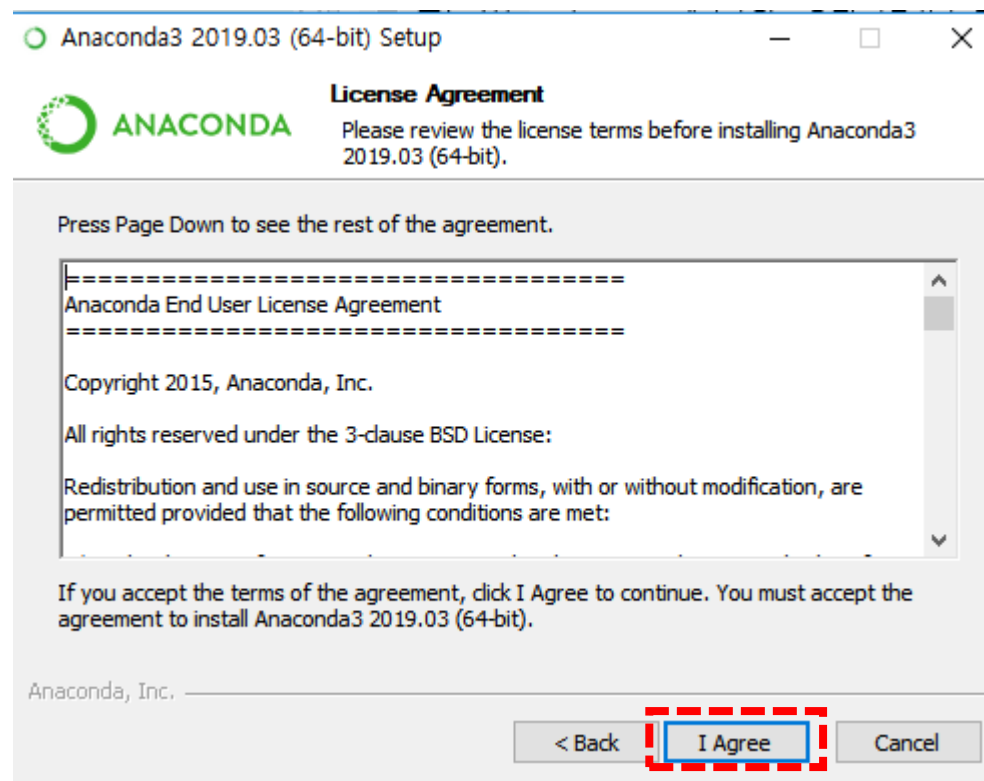
## 1.2. 아나콘다 다운로드

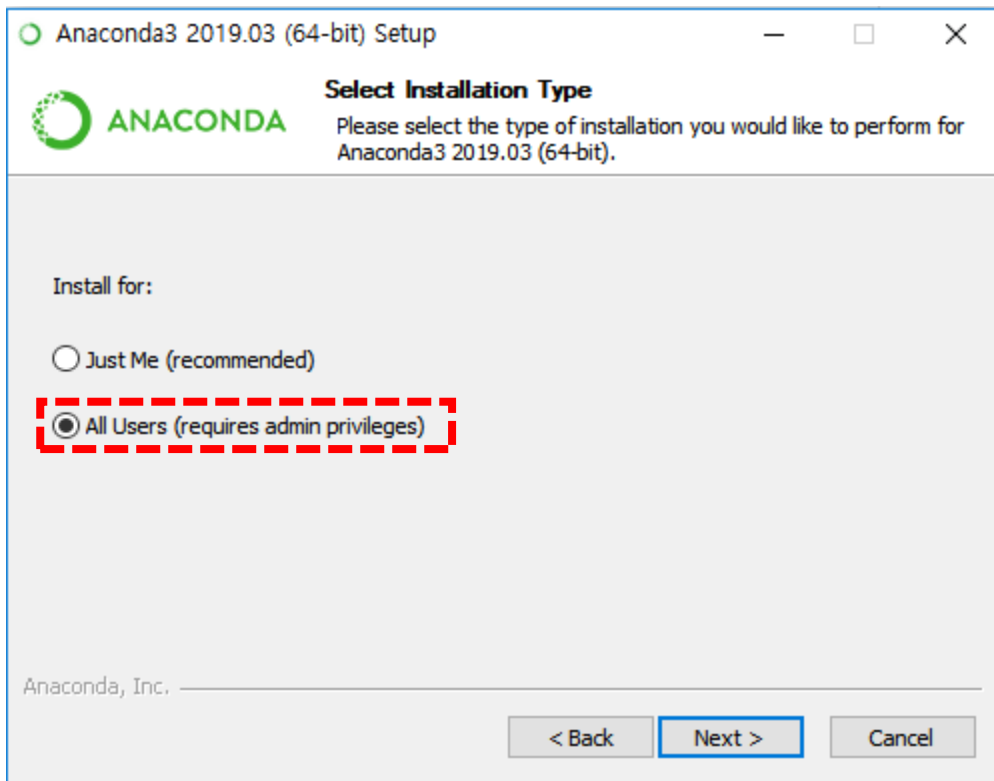
- 운영체제와 Bit에 맞는 버전을 다운로드 합니다.



## 2.1. 아나콘다 설치

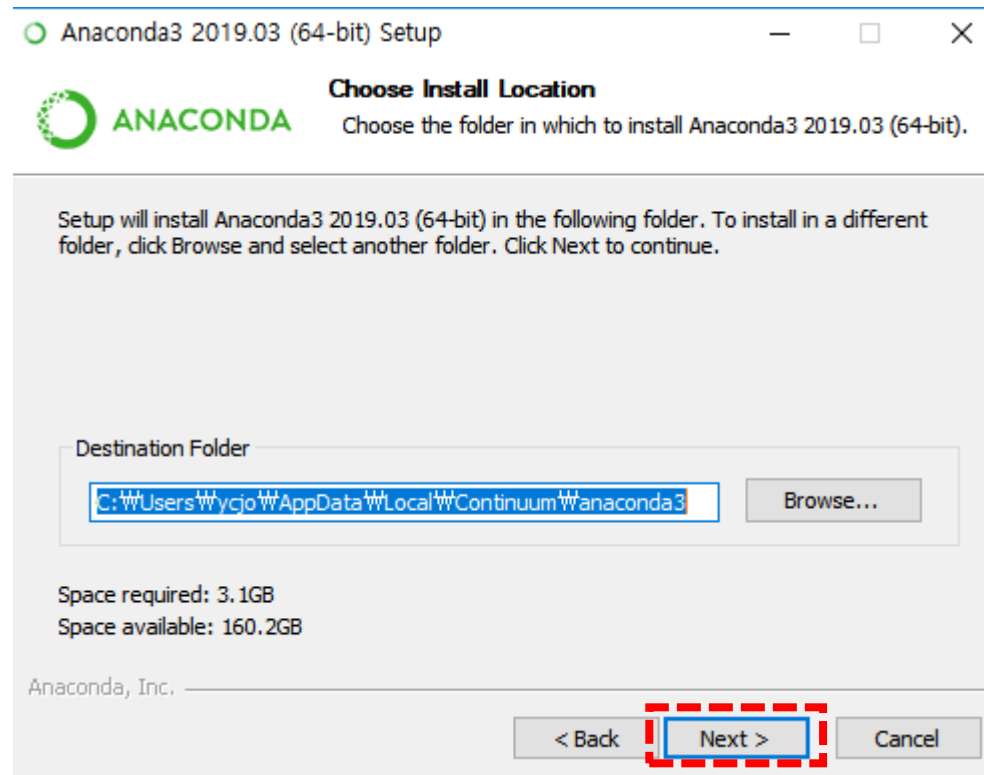
- 1) 다운로드한 파일을 실행합니다.
- 2) Next를 클릭합니다.
- 3) 라이선스에 동의합니다.





## 2.2. 아나콘다 설치

- 1) 인스톨 타입을 All Users로 선택합니다.
- 2) 다운로드 경로를 선택합니다.



**Advanced Installation Options**

Customize how Anaconda integrates with Windows

## Advanced Options

☒ Add Anaconda to my PATH environment variable

Not recommended. Instead, open Anaconda with the Windows Start menu and select "Anaconda (64-bit)". This "add to PATH" option makes Anaconda get found before previously installed software, but may cause problems requiring you to uninstall and reinstall Anaconda.

☒ Register Anaconda as my default Python 3.7

This will allow other programs, such as Python Tools for Visual Studio, PyCharm, Wing IDE, PyDev, and MSI binary packages, to automatically detect Anaconda as the primary Python 3.7 on the system.

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&lt; Back

Install

Cancel

## 2.3. 아나콘다 설치

1) 두 가지 옵션에 모두 체크합니다.

- 두 가지 모두 체크해야 환경변수 설정을 별도로 할 필요가 없습니다.

2) 인스톨이 진행됩니다.(시간이 다소 소요됩니다.)

**ANACONDA****Installing**

Please wait while Anaconda3 2019.03 (64-bit) is being installed.

Extract: python-3.7.3-h8c8aaf0\_0.tar.bz2

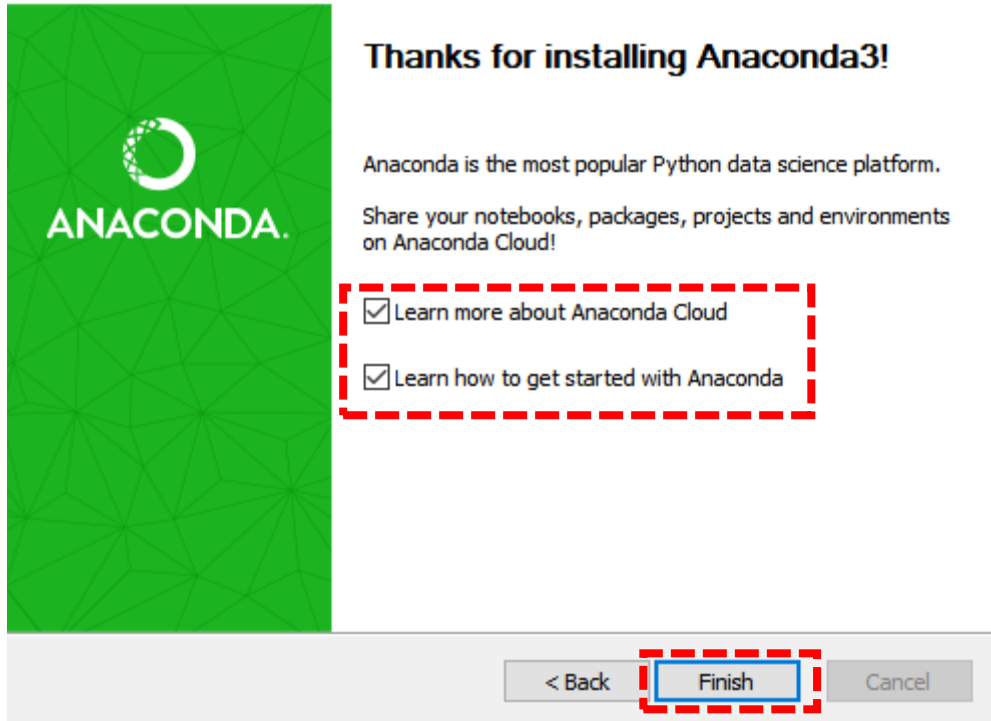
Show details

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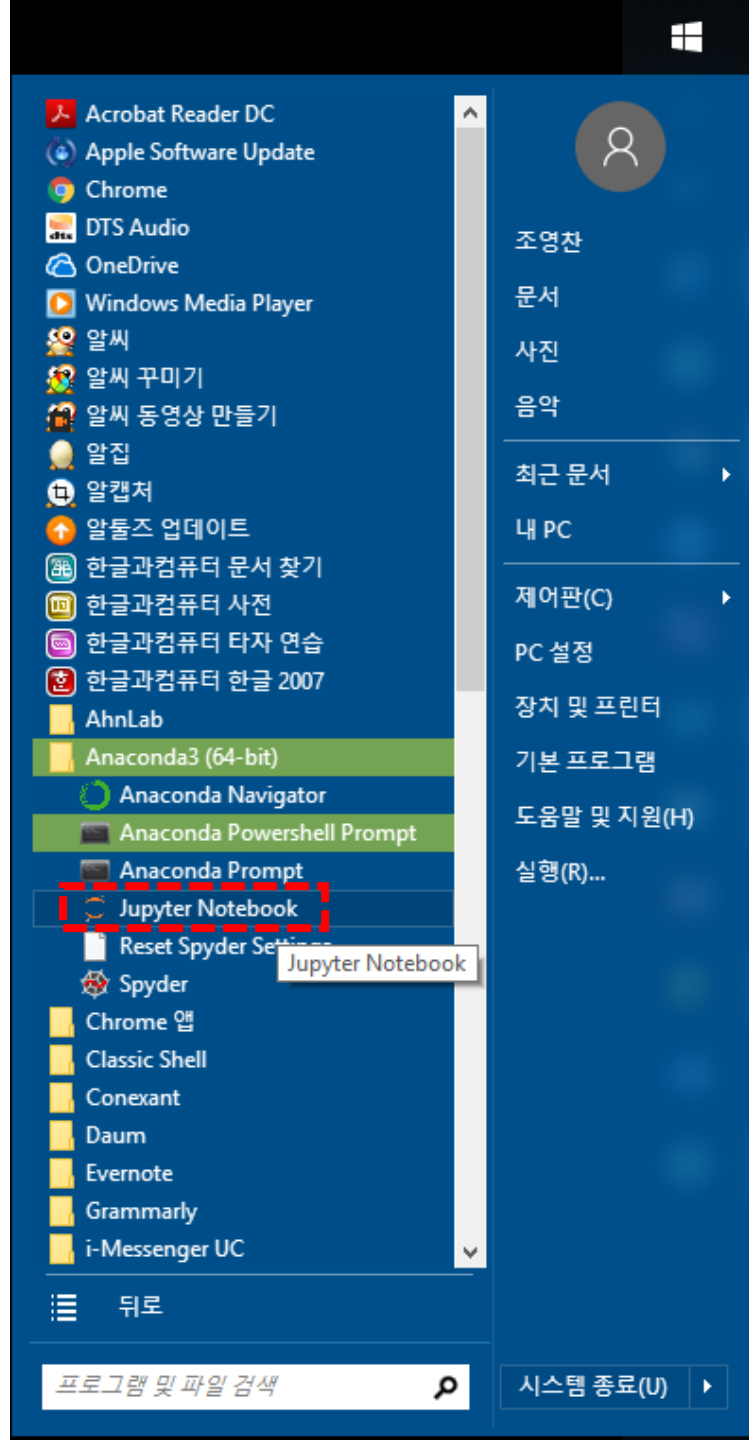
Next &gt;

Cancel



## 2.4. 아나콘다 설치

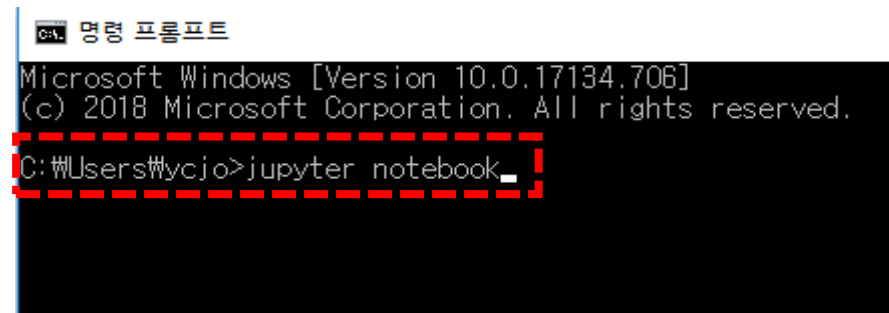
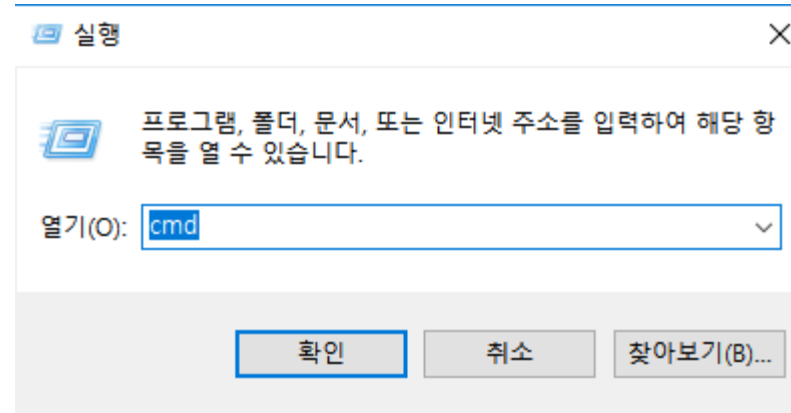
- 필요한 경우 체크하고 Finish를 클릭합니다.(필수항목 아님)



### 3.1. Jupyter notebook 실행확인

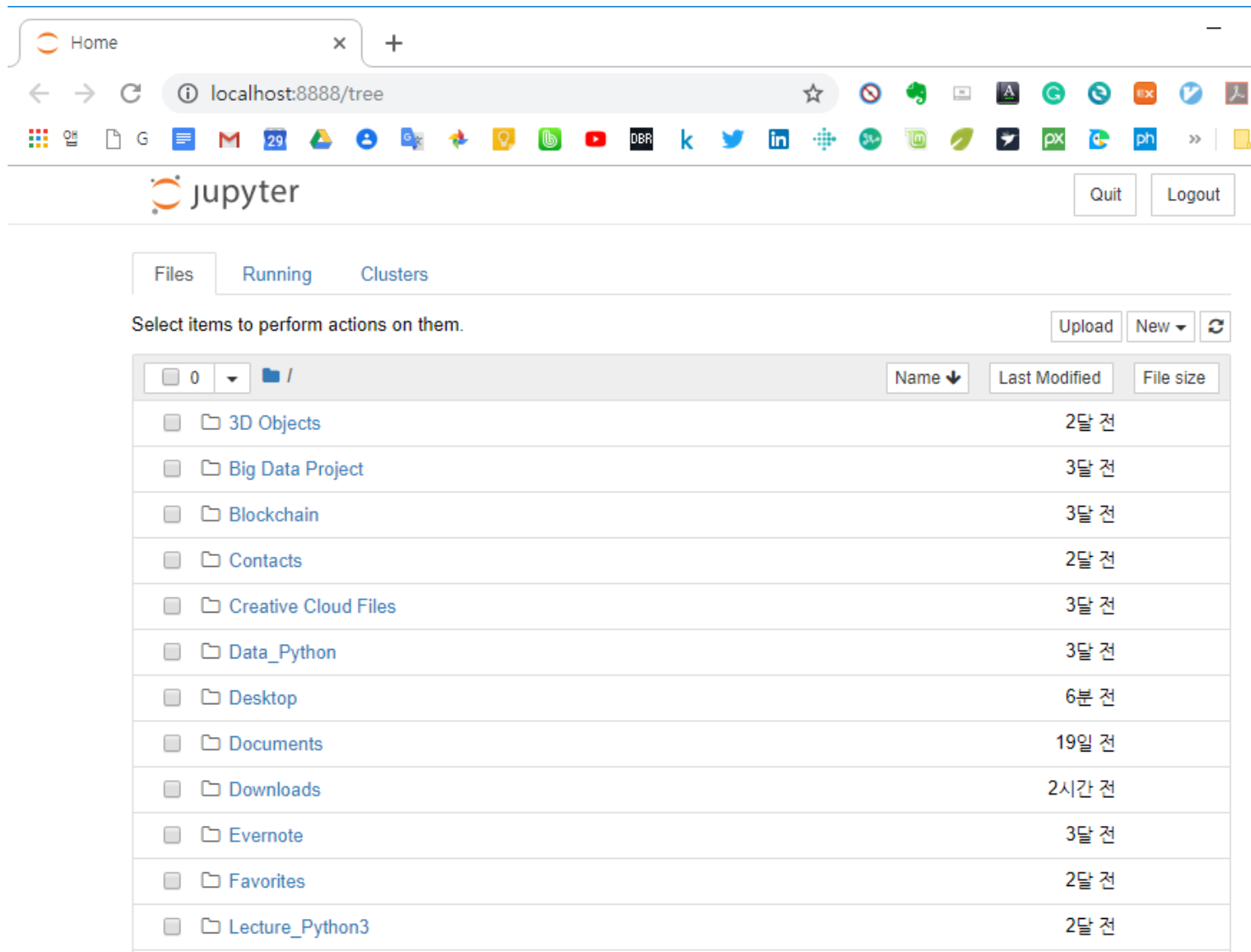
- 윈도우키 > 모든프로그램 > Anaconda3에서 "Jupyter Notebook"을 선택하여 실행합니다.

※ 윈도우키 + R을 클릭하여 실행창에서 cmd를 실행하신 후, Jupyter notebook을 직접 타이핑해도 동일합니다.



## 4.2. Jupyter notebook 실행확인

- 브라우저가 열리며 jupyter notebook이 실행되는 것을 확인합니다.



The screenshot shows a web browser window with the address bar displaying 'localhost:8888/tree'. The browser's toolbar includes various icons for navigation and extensions. Below the browser window, the Jupyter Notebook interface is visible. It features a header with the Jupyter logo and 'Quit' and 'Logout' buttons. The main content area has three tabs: 'Files', 'Running', and 'Clusters'. Under the 'Files' tab, there is a message 'Select items to perform actions on them.' and buttons for 'Upload', 'New', and a refresh icon. Below this, a table lists the files and folders in the current directory.

	Name ↓	Last Modified	File size
<input type="checkbox"/>	0		
<input type="checkbox"/>	/		
<input type="checkbox"/>	3D Objects	2달 전	
<input type="checkbox"/>	Big Data Project	3달 전	
<input type="checkbox"/>	Blockchain	3달 전	
<input type="checkbox"/>	Contacts	2달 전	
<input type="checkbox"/>	Creative Cloud Files	3달 전	
<input type="checkbox"/>	Data_Python	3달 전	
<input type="checkbox"/>	Desktop	6분 전	
<input type="checkbox"/>	Documents	19일 전	
<input type="checkbox"/>	Downloads	2시간 전	
<input type="checkbox"/>	Evernote	3달 전	
<input type="checkbox"/>	Favorites	2달 전	
<input type="checkbox"/>	Lecture_Python3	2달 전	