



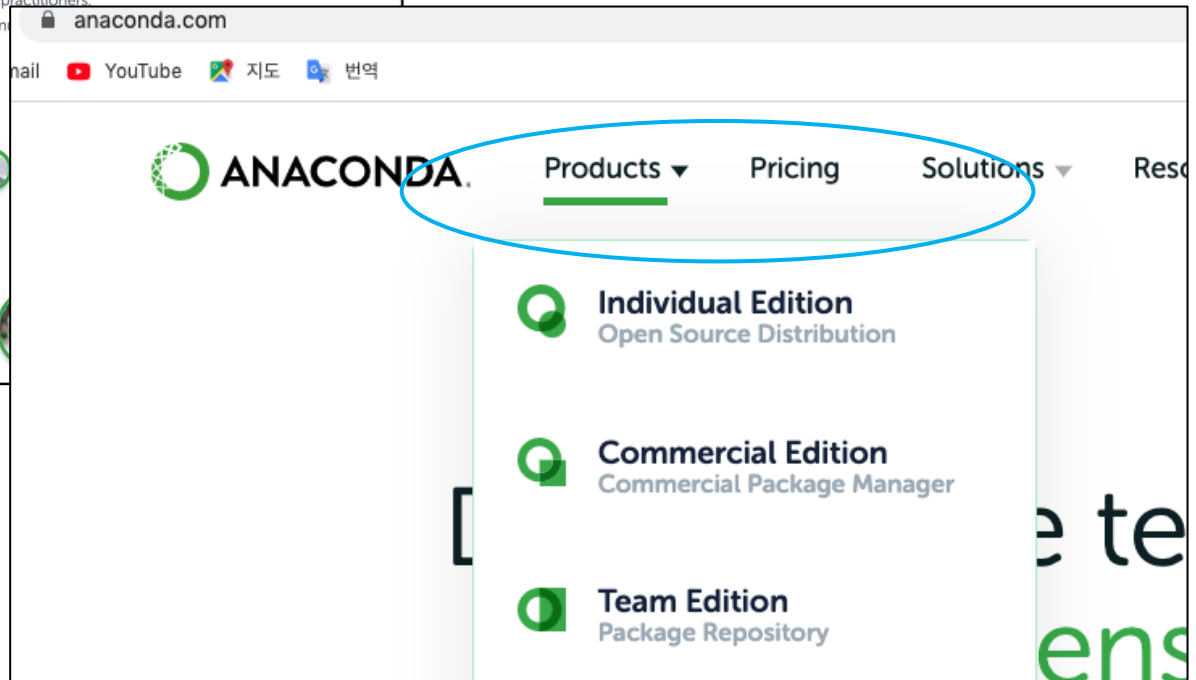
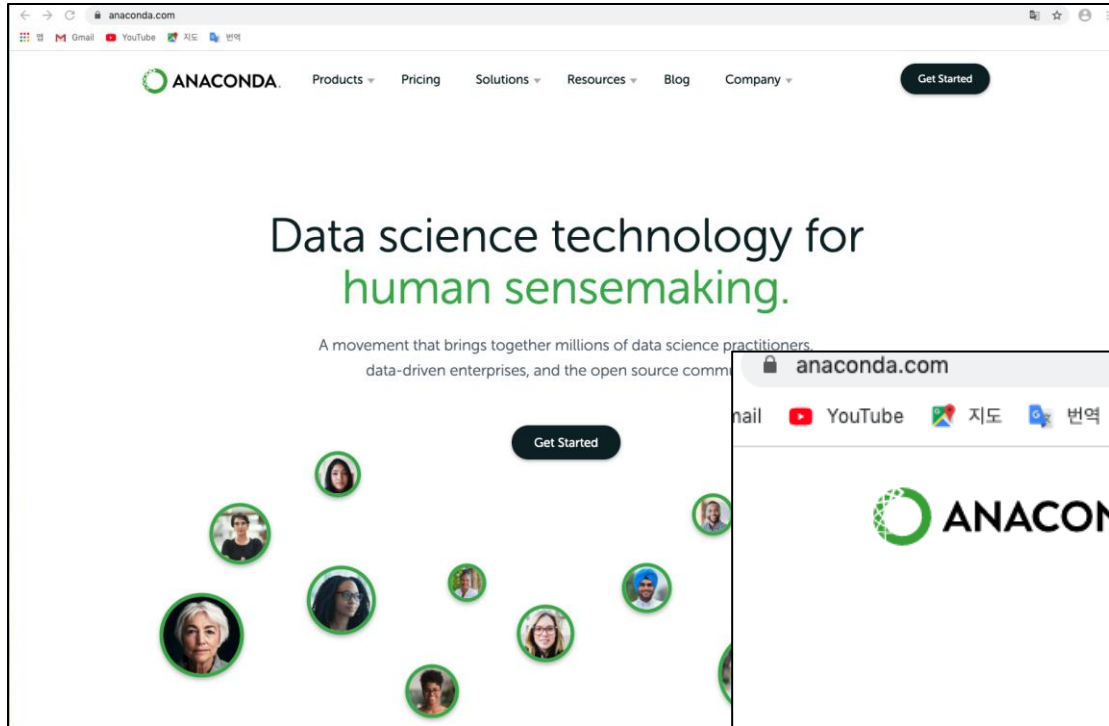
Chapter 1:

Jupyter Notebook 을 사용하기



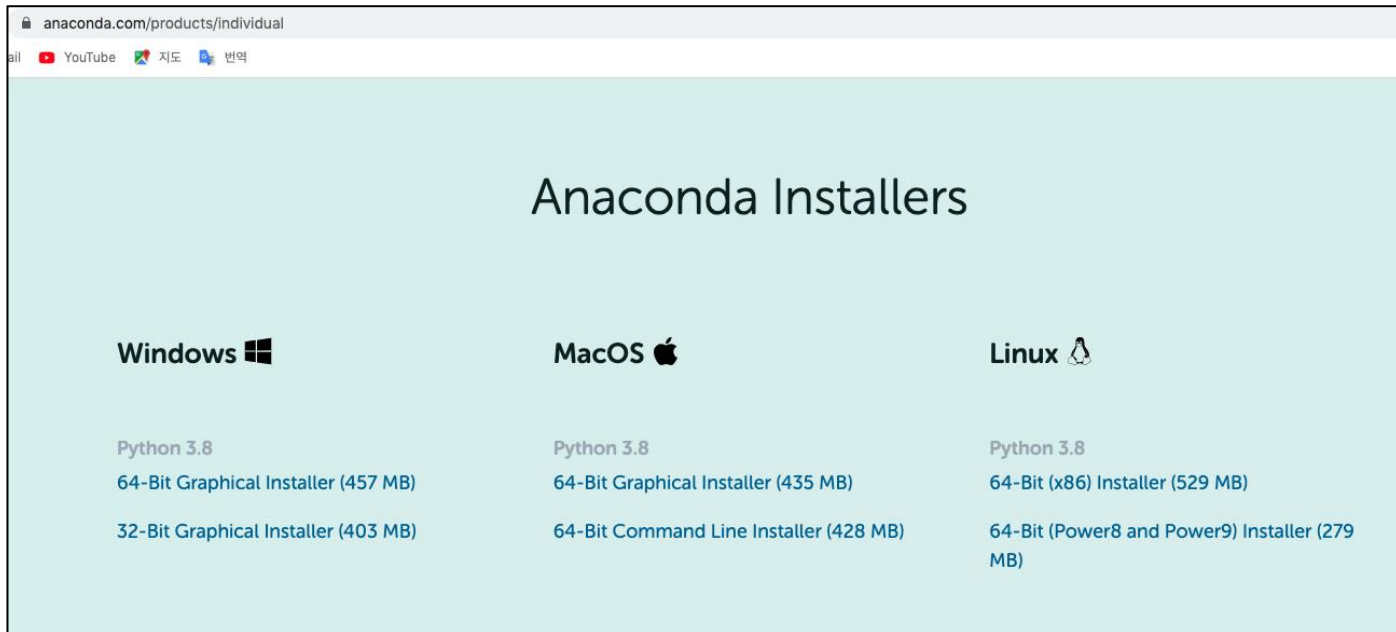
01. 작업환경 만들기: Anaconda Install

1. Anaconda Install : www.anaconda.com에 접속해서, > products> Individual Edition



02. 작업환경 만들기: Anaconda Install

1. Anaconda Install : www.anaconda.com에 접속해서, > products> Individual Edition>
 - 스크롤바를 아래로 내려, Anaconda Installers
2. 자신의 os 환경에 맞는 installers를 선택해 다운로드 한다.



03. 작업환경 만들기: Anaconda Install

1. PATH Setting: Add Anaconda to my PATH environment variable 을 check한 뒤 설치 진행
2. Install completed
3. Anaconda 3(64-bit) > Anaconda Powershell Prompt를 선택 (window 기준)



04. 작업환경 만들기 : Jupyter Notebook 실행하기

- Jupyter Notebook 실행하기

```
(base) bagminseoui-MacBookPro:~ minseopark$ jupyter notebook
[I 17:47:11.963 NotebookApp] JupyterLab extension loaded from /opt/anaconda3/lib
/python3.7/site-packages/jupyterlab
[I 17:47:11.963 NotebookApp] JupyterLab application directory is /opt/anaconda3/
share/jupyter/lab
[I 17:47:11.965 NotebookApp] Serving notebooks from local directory: /Users/mins
eopark
[I 17:47:11.965 NotebookApp] The Jupyter Notebook is running at:
[I 17:47:11.965 NotebookApp] http://localhost:8888/?token=41aa9dfda2cff55e32ed37
c02f2b46aa4148e772cd0d5908
[I 17:47:11.965 NotebookApp] or http://127.0.0.1:8888/?token=41aa9dfda2cff55e32
ed37c02f2b46aa4148e772cd0d5908
[I 17:47:11.965 NotebookApp] Use Control-C to stop this server and shut down all
kernels (twice to skip confirmation).
[C 17:47:11.971 NotebookApp]
```

To access the notebook, open this file in a browser:
 file:///Users/minseopark/Library/Jupyter/runtime/nbse

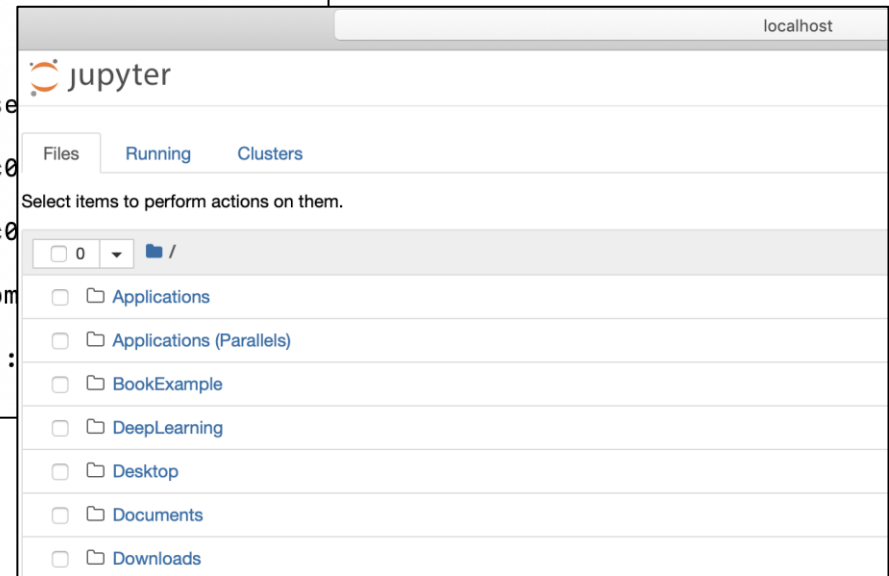
Or copy and paste one of these URLs:

http://localhost:8888/?token=41aa9dfda2cff55e32ed37c0
 d5908

or http://127.0.0.1:8888/?token=41aa9dfda2cff55e32ed37c0
 d5908

[W 17:47:14.465 NotebookApp] 404 GET /apple-touch-icon-precom
 3ms referer=None

[W 17:47:14.502 NotebookApp] 404 GET /apple-touch-icon.png (:
 None



03. 작업환경 만들기: Jupyter Notebook 실행하기

• Jupyter Lab 실행하기

```

minseopark — python3.7 /opt/anaconda3/bin/jupyter-lab ▶ python — 91x29
Last login: Mon Sep 21 15:56:04 on ttys000
[(base) bagminseoui-MacBookPro:~ minseopark$ jupyter lab
[I 17:51:58.697 LabApp] JupyterLab extension loaded from /opt/anaconda3/lib/python3.7/site-
packages/jupyterlab
[I 17:51:58.698 LabApp] Jupyterlab application directory is /opt/anaconda3/share/jupyter/la
b
[I 17:51:58.699 LabApp] Serving notebooks from local directory: /Users/minseopark
[I 17:51:58.699 LabApp] The Jupyter Notebook is running at: http://localhost:8888/?token=
e2871a5931
[I 17:51:58.699 LabApp] or http://127.0.0.1:8888/?token=f9efa199ba83ff
9347e2871a5931
[I 17:51:58.699 LabApp] Use Control-C to stop this process and log out to skip confirmation).
[C 17:51:58.703 LabApp]

To access the notebook, open this file in a browser or a file manager:
file:///Users/minseopark/Library/Jupyter/runtime/jupyterlab-08022-ST_Data.ipynb
Or copy and paste one of these URLs:
http://localhost:8888/?token=f9efa199ba83ff
or http://127.0.0.1:8888/?token=f9efa199ba83ff
[W 17:52:00.827 LabApp] Could not determine jupyterlab version
[I 17:52:01.121 LabApp] Kernel started: fabcf20-f0e5-4b8a-b86d-9f99b82-64
[W 17:52:01.321 LabApp] Notebook DeepLearning/08022-ST_Data.ipynb is not trusted
[I 17:52:01.552 LabApp] Kernel started: 48e30390-e5f5-4b8a-b86d-9f99b82-64
[I 17:52:01.560 LabApp] Kernel started: 2a5fdb09-f0e5-4b8a-b86d-9f99b82-64
[I 17:52:01.571 LabApp] Kernel started: 9ff99b82-64e5-4b8a-b86d-9f99b82-64

```

