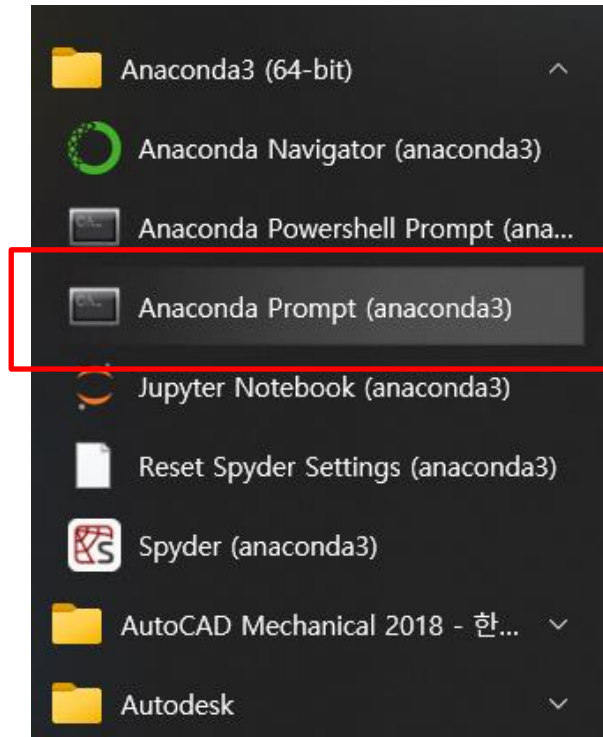


# Anaconda 업데이트 실행



실행

```
(base) C:\Users\사용자계정>conda update --all
```

conda update --all

# Anaconda 가상환경 만들기

```
conda create -n 가상환경이름
conda create -n 가상환경이름 python=2
conda create -n 가상환경이름 python=3.7
```

```
conda create -n 가상환경이름
conda create -n 가상환경이름 python=2
conda create -n 가상환경이름 python=3.7
```

```
(base) C:\Users\user>conda create -n datamining python=3.10
```

The following packages will be downloaded:

package	build	
certifi-2022.9.24	py310haa95532_0	155 KB
libffi-3.4.2	hd77b12b_4	107 KB
pip-22.2.2	py310haa95532_0	2.4 MB
python-3.10.6	hbb2ffb3_1	13.8 MB
setuptools-65.5.0	py310haa95532_0	1.2 MB
wincertstore-0.2	py310haa95532_2	15 KB
Total:		17.6 MB

The following NEW packages will be INSTALLED:

bzip2	pkgs/main/win-64::bzip2-1.0.8-he774522_0 None
ca-certificates	pkgs/main/win-64::ca-certificates-2022.10.11-haa95532_0 None
certifi	pkgs/main/win-64::certifi-2022.9.24-py310haa95532_0 None
libffi	pkgs/main/win-64::libffi-3.4.2-hd77b12b_4 None
openssl	pkgs/main/win-64::openssl-1.1.1s-h2bbff1b_0 None
pip	pkgs/main/win-64::pip-22.2.2-py310haa95532_0 None
python	pkgs/main/win-64::python-3.10.6-hbb2ffb3_1 None
setuptools	pkgs/main/win-64::setuptools-65.5.0-py310haa95532_0 None
sqlite	pkgs/main/win-64::sqlite-3.39.3-h2bbff1b_0 None
tk	pkgs/main/win-64::tk-8.6.12-h2bbff1b_0 None
tzdata	pkgs/main/noarch::tzdata-2022f-h04d1e81_0 None
vc	pkgs/main/win-64::vc-14.2-h21ff451_1 None
vs2015_runtime	pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2 None
wheel	pkgs/main/noarch::wheel-0.37.1-pyhd3eb1b0_0 None
wincertstore	pkgs/main/win-64::wincertstore-0.2-py310haa95532_2 None
xz	pkgs/main/win-64::xz-5.2.6-h8cc25b3_0 None
zlib	pkgs/main/win-64::zlib-1.2.13-h8cc25b3_0 None

Proceed ([y]/n)? \_

# Anaconda 가상환경 리스트 확인

```
conda env list  
conda info envs
```

conda env list

```
(base) C:\Users\user>conda env list  
# conda environments:  
#  
base * C:\Users\user\anaconda3  
datamining C:\Users\user\anaconda3\envs\datamining  
  
(base) C:\Users\user>_
```

# Anaconda 가상환경 활성화

```
conda activate 가상환경이름
```

```
activate 가상환경이름
```

```
(base) PS C:\Users\chan>  
(base) PS C:\Users\chan> conda activate tf15_py37  
(tf15_py37) PS C:\Users\chan> _
```

conda activate 가상환경이름

```
(base) C:\Users\user>conda activate datamining
```

```
(datamining) C:\Users\user>
```

정상적으로 활성화 되면  
Base -> 가상환경 이름으로  
변경됨

# Anaconda 가상환경 비활성화

```
>deactivate    혹은    >conda deactivate
```

```
(datamining) C:\Users\user>conda deactivate  
(base) C:\Users\user>_
```

conda deactivate

## Anaconda 가상환경 삭제

>conda remove -n 가상환경이름 --all

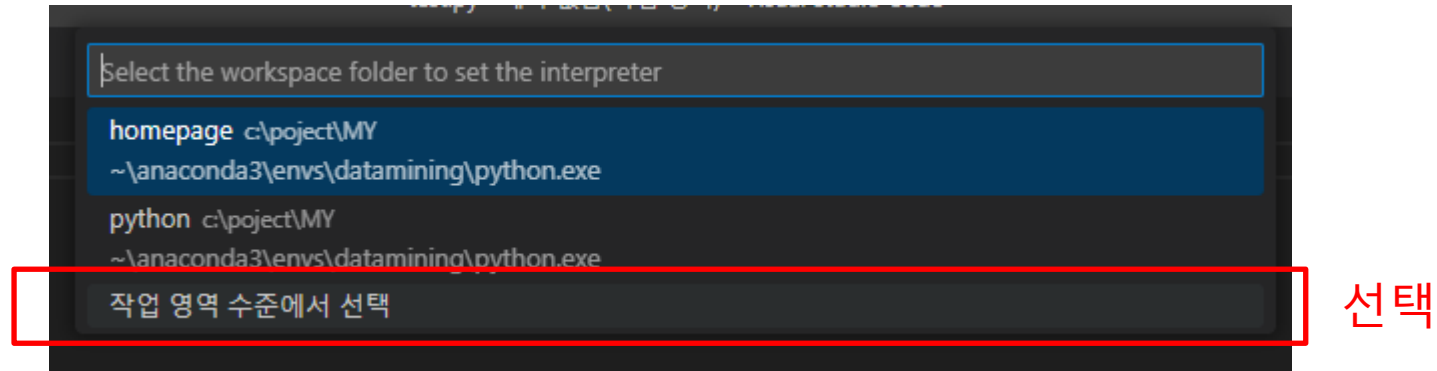
# VS Code 와 연동

1. 가상환경을 활성화 한다
  - conda activate 가상환경이름
2. VS code 실행
3. .py 파일 생성
4. vscode에서 Command palette (Ctrl + Shift + P)

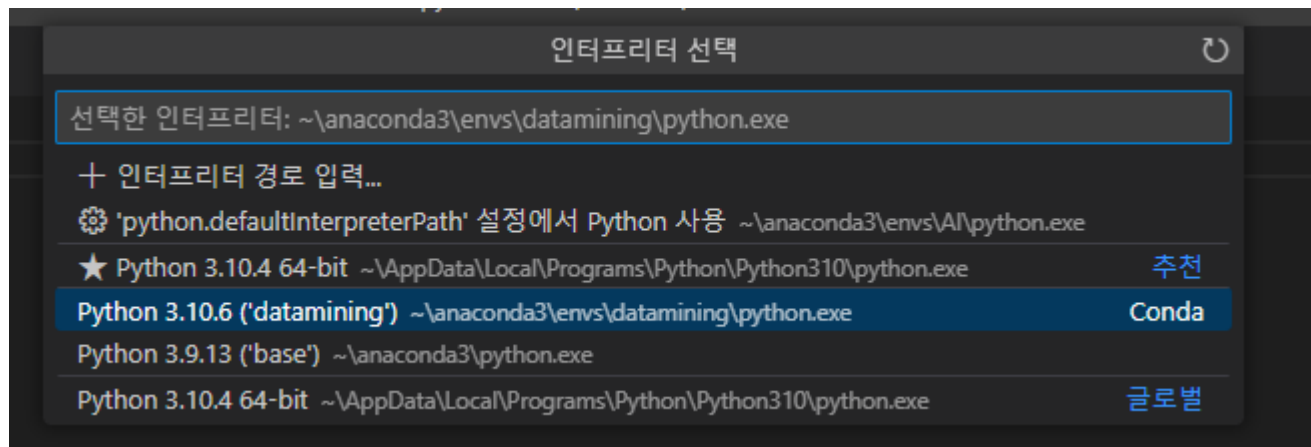


# VS Code 와 연동

## 5. 작업 영역 수준에서 선택 클릭



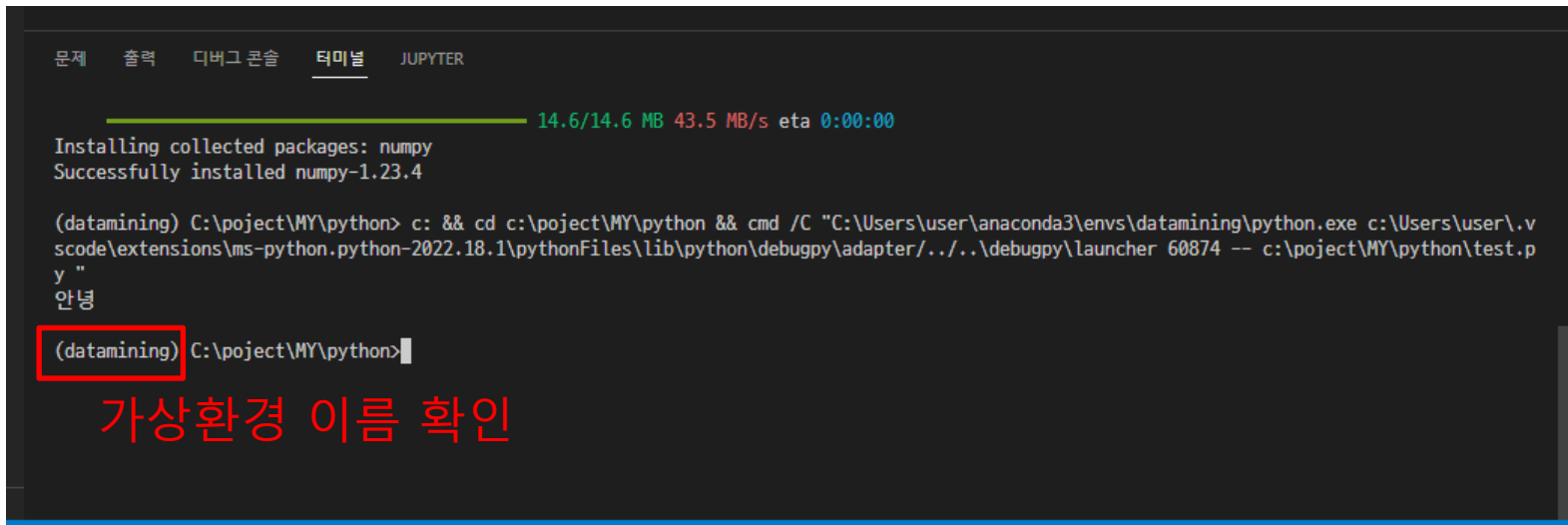
## 6. 활성화한 가상환경 선택





# VS Code 와 연동

## 7. 터미널에서 가상환경 이름 확인



The screenshot shows the VS Code interface with the 'TERMINAL' tab selected. The terminal output shows the installation of numpy and the activation of a virtual environment named 'datamining'. A red box highlights the prompt '(datamining) C:\project\MY\python>'.

```
문제 출력 디버그 콘솔 터미널 JUPYTER

14.6/14.6 MB 43.5 MB/s eta 0:00:00
Installing collected packages: numpy
Successfully installed numpy-1.23.4

(datamining) C:\project\MY\python> c: && cd c:\project\MY\python && cmd /C "C:\Users\user\anaconda3\envs\datamining\python.exe c:\Users\user\.vscode\extensions\ms-python.python-2022.18.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher 60874 -- c:\project\MY\python\test.py"
안녕

(datamining) C:\project\MY\python>
```

가상환경 이름 확인