

# Conda + VScode Handbook

...

# Tools


## Python Virtual Environment Management Tool

1. [Miniconda - Download Link](#)
2. [Conda - command line](#) documentation

## IDE

1. [VSCODE](#)

# Download Conda command line

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help?



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### Option (1) - Anaconda UI app

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### Option (2) - command line tool

#### Miniconda Installers

Download for Mac

For installation assistance, refer to [troubleshooting](#).

Hi, how can I help?

# Option (1) Anaconda UI

1. Click "Create" here

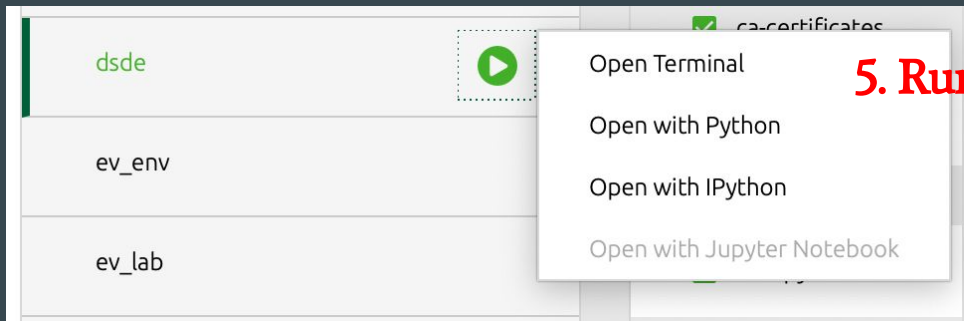
2. Enter the ENV name here

3. Select "Python" packages

4. Create the environment

20 packages available

# Option (1) Anaconda UI



5. Run the environment through terminal here

```
Last login: Tue Aug 5 12:21:41 on ttys008
. /opt/anaconda2/bin/activate && conda activate /opt/anaconda3/envs/dsde;
(base) % . /opt/anaconda3/bin/activate && conda activate /opt/anaconda3/envs/dsde;
(dsde) % pip install pandas
```

6. You can pip install python libraries here

⊘ Do Not **pip install** Inside VS Code Terminal

## Option (2) Conda command line tool

### 1. Create conda env with name and python package

```
[(base) theerapatkangsilalai@Super-computer ~ % conda create -n dsde python
```

### 2. Activate conda env with the created name

```
[(base) theerapatkangsilalai@Super-computer ~ % conda activate dsde  
[(dsde) theerapatkangsilalai@Super-computer ~ % pip install pandas  
Collecting pandas
```

### 3. pip install python library through terminal

 Do Not **pip install** Inside VS Code Terminal

# Grader Problems

## Grader

### 1 01\_pandas\_01

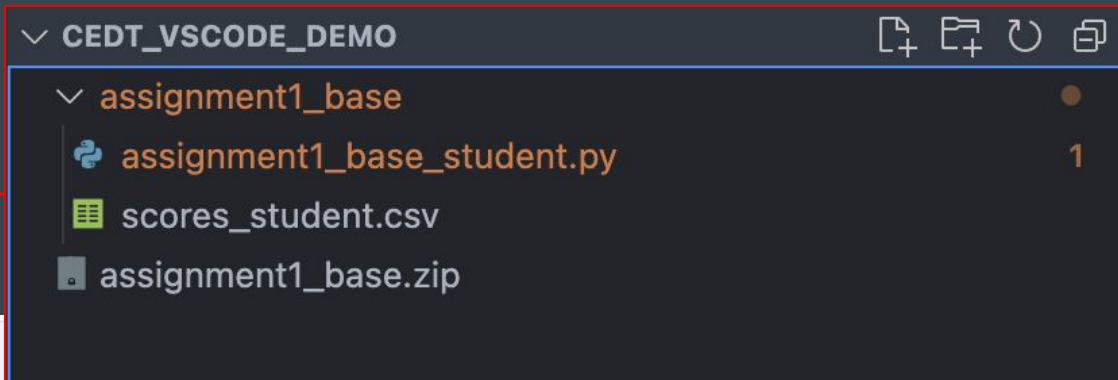
01\_pandas\_01 Pandas basic

[Read](#) | [File](#)

### 2 01\_pandas\_02

01\_pandas\_02 Youtube stats

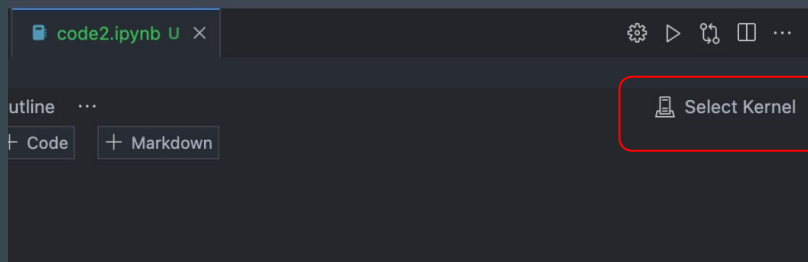
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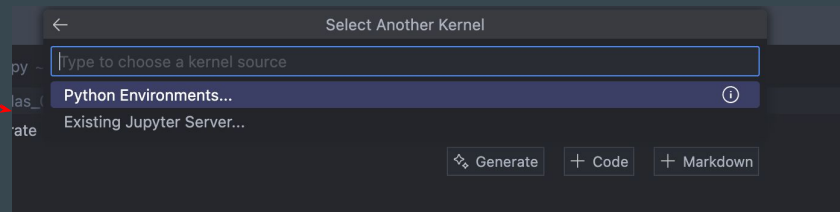


# VS CODE + Conda + .ipynb

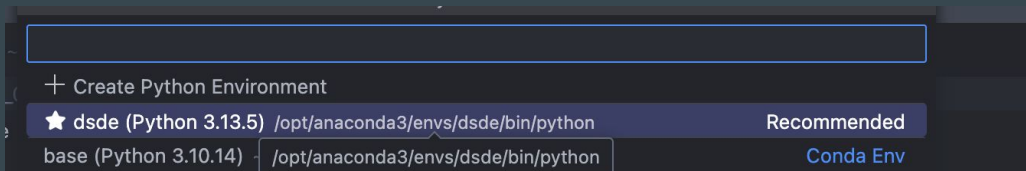
1. Select Kernel here



2. Select “Python Environments”



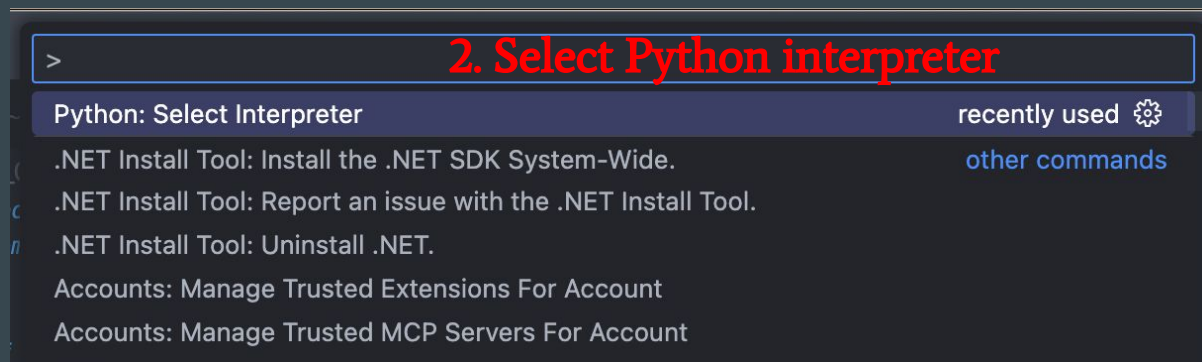
3. Select the env name you created



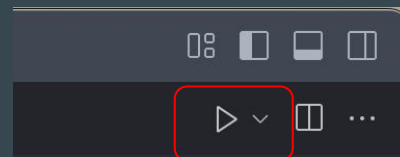
4. Done

# VS CODE + Conda + .py

1. cmd(ctrl) + shift + P -> to open this window



4. You can run the code here



+ Create Virtual Environment...

Enter interpreter path...

3. Then select the created env

Python 3.13.0 /opt/homebrew/bin/python3

Recommended

Python 3.13.5 (dsde) /opt/anaconda3/envs/dsde/bin/python

Conda

# Terminal + Conda + .py

```
(base) theerapatkangsilalai@Super-computer ~ % conda activate dsde  
(dsde) theerapatkangsilalai@Super-computer ~ % python main.py
```

Open your terminal ->  
activate your conda env ->  
run your python file