

1.配置 conda

```
12460@LAPTOP-T1VTLFCA MINGW64 /d/python
$ which conda
/f/python/conda/Scripts/conda

12460@LAPTOP-T1VTLFCA MINGW64 /d/python
$ conda
usage: conda-script.py [-h] [-v] [--no-plugins] [-V] COMMAND ...

conda is a tool for managing and deploying applications, environments and packages.

options:
  -h, --help                Show this help message and exit.
  -v, --verbose              Can be used multiple times. Once for detailed output, twice for
                             logging, four times for TRACE logging.
  --no-plugins              Disable all plugins that are not built into conda.
  -V, --version              Show the conda version number and exit.

commands:
  The following built-in and plugins subcommands are available.

COMMAND
  activate                  Activate a conda environment.
  build                     Build conda packages from a conda recipe.
```

```
12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda init --help
usage: conda-script.py init [-h] [--all] [--user] [--no-user] [--system] [--reverse] [--anaconda-prompt] [--json] [-v]
                             [-q] [-d]
                             [SHELLS ...]

Initialize conda for shell interaction.

positional arguments:
  SHELLS                One or more shells to be initialized. If not given, the default value is 'bash' on unix and
                         'cmd.exe' & 'powershell' on Windows. Use the '--all' flag to initialize all shells. Available
                         shells: ['bash', 'cmd.exe', 'fish', 'powershell', 'tcsh', 'xonsh', 'zsh']

options:
  -h, --help                Show this help message and exit.
  --all                    Initialize all currently available shells.
  --anaconda-prompt        Add an 'Anaconda Prompt' icon to your desktop.
  -d, --dry-run            Only display what would have been done.
```

```
12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda init bash
no change      F:\python\conda\Scripts\conda.exe
no change      F:\python\conda\Scripts\conda-env.exe
no change      F:\python\conda\Scripts\conda-script.py
no change      F:\python\conda\Scripts\conda-env-script.py
no change      F:\python\conda\condabin\conda.bat
no change      F:\python\conda\condabin\_conda_activate.bat
no change      F:\python\conda\condabin\rename_tmp.bat
no change      F:\python\conda\condabin\conda_auto_activate.bat
no change      F:\python\conda\condabin\conda_hook.bat
no change      F:\python\conda\Scripts\activate.bat
no change      F:\python\conda\condabin\activate.bat
no change      F:\python\conda\condabin\deactivate.bat
no change      F:\python\conda\Scripts\activate
no change      F:\python\conda\Scripts\deactivate
no change      F:\python\conda\etc\profile.d\conda.sh
no change      F:\python\conda\etc\fish\conf.d\conda.fish
no change      F:\python\conda\shell\condabin\Conda.psm1
no change      F:\python\conda\shell\condabin\conda-hook.ps1
no change      F:\python\conda\Lib\site-packages\xontrib\conda.xsh
no change      F:\python\conda\etc\profile.d\conda.csh
modified       C:\Users\12460\.bash_profile

==> For changes to take effect, close and re-open your current shell. <==
```

```

12460@LAPTOP-T1VTLFCA MINGW64 /d
$ cd /c/

12460@LAPTOP-T1VTLFCA MINGW64 /c
$ cd users

12460@LAPTOP-T1VTLFCA MINGW64 /c/users
$ cd 12460

12460@LAPTOP-T1VTLFCA MINGW64 /c/users/12460
$ ls -al
total 23312
drwxr-xr-x 1 12460 197609      0  3月 22 12:11 ./
drwxr-xr-x 1 12460 197609      0  1月  7 2021 ../
drwxr-xr-x 1 12460 197609      0 10月 23 2018 .android/
-rw-r--r-- 1 12460 197609    252  3月 22 12:11 .bash_profile
drwxr-xr-x 1 12460 197609      0  3月  8 18:47 .conda/
-rw-r--r-- 1 12460 197609    180  3月 16 20:40 .gitconfig

```

```

$ .bash_profile X
$ .bash_profile
1
2 # >>> conda initialize >>>
3 # !! Contents within this block are managed by 'conda init' !!
4 if [ -f '/f/python/conda/Scripts/conda.exe' ]; then
5     eval "$('/f/python/conda/Scripts/conda.exe' 'shell.bash' 'hook')"
6 fi
7 # <<< conda initialize <<<
8
9
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
lrwxrwxrwx 1 12460 197609
/
lrwxrwxrwx 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
lrwxrwxrwx 1 12460 197609
lrwxrwxrwx 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
drwxr-xr-x 1 12460 197609
12460@LAPTOP-T1VTLFCA MINGW64 /c
$ code .
12460@LAPTOP-T1VTLFCA MINGW64 /c
$

```

```

(base)
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ |

```

base 与用户同一行及换行符

```

(base) 12460@LAPTOP-T1VTLFCA MINGW64 ~
$ cd /d/

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$

```

查看 conda 配置

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda info

active environment : base
active env location : F:\python\conda
shell level : 1
user config file : C:\Users\12460\.condarc
populated config files : F:\python\conda\.condarc
conda version : 24.9.2
conda-build version : 24.9.0
python version : 3.12.7.final.0
solver : libmamba (default)
virtual packages : __archspec=1=skylake
                  __conda=24.9.2=0
                  __cuda=11.6=0
                  __win=0=0

base environment : F:\python\conda (writable)
conda av data dir : F:\python\conda\etc\conda
conda av metadata url : None
channel URLs : https://repo.anaconda.com/pkg/main/win-64
              https://repo.anaconda.com/pkg/main/noarch
              https://repo.anaconda.com/pkg/r/win-64
              https://repo.anaconda.com/pkg/r/noarch
              https://repo.anaconda.com/pkg/msys2/win-64
              https://repo.anaconda.com/pkg/msys2/noarch
package cache : F:\python\conda\pkgs
                C:\Users\12460\.conda\pkgs
                C:\Users\12460\AppData\Local\conda\conda\pkgs
envs directories : F:\python\conda\envs
                  C:\Users\12460\.conda\envs
                  C:\Users\12460\AppData\Local\conda\conda\envs
platform : win-64
user-agent : conda/24.9.2 requests/2.32.3 CPython/3.12.7 Windows/10 Windows/10.0.19045 solver/libmamba conda-libmamba-solver/24.9.0 libmambapy/1.5.8 aau/0.4.0 c/.5/.0/
administrator : False
netrc file : None
offline mode : False

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda env list
# conda environments:
#
base * F:\python\conda
F:\python\miniconda

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$
```

配置 conda 环境

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda env list
# conda environments:
#
base * F:\python\conda
F:\python\miniconda

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$ conda create -n prji python-3.12 requests

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d
$ cd /f/python/conda

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python/conda
$ conda create -n prji python-3.12 requests
Retrieving notices: ...working... done
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: failed

PackagesNotFoundError: The following packages are not available from
- python-3.12
```

配置失败 询问了豆包后更改了 python 版本, 为了保险起见还切换到了上级文件夹中

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python/conda
$ cd ..

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ conda create -n prji python=3.10 requests
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##

environment location: F:\python\conda\envs\prji

added / updated specs:
- python=3.10
- requests

done
#
# To activate this environment, use
#
#     $ conda activate prji
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$
```

安装 statemodels 时 3.9 无法联网获取到, 询问豆包后更改为 3.8 联网获取

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ conda create -n prj2 python=3.9 pandas statsmodels
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: failed

PackagesNotFoundError: The following packages are not available from current channels:
- python-3.9

Current channels:
- https://repo.anaconda.com/pkgs/main
- https://repo.anaconda.com/pkgs/r
- https://repo.anaconda.com/pkgs/msys2

To search for alternate channels that may provide the conda package you're
looking for, navigate to

    https://anaconda.org

and use the search bar at the top of the page.

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ conda create -n prj2 python=3.8 pandas statsmodels
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##
```



```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ conda env list
# conda environments:
#
base                * F:\python\conda
prj2                F:\python\conda\envs\prj2
prji                F:\python\conda\envs\prji
                   F:\python\miniconda
```

```
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ which python
/f/python/conda/envs/prji/python
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python --version
Python 3.10.16
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$
```

```
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ which python
/f/python/conda/envs/prji/python
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python --version
Python 3.10.16
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python
Python 3.10.16 | packaged by Anaconda, Inc. | (main, Dec 11 2024, 16:19:12) [MSC v.19
Type "help", "copyright", "credits" or "license" for more information.
>>> quit()
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ ls -al
total 1132480
drwxr-xr-x 1 12460 197609      0  3月 21 22:08 ./
drwxr-xr-x 1 12460 197609      0  3月 22 16:36 ../
drwxr-xr-x 1 12460 197609      0  3月  8 20:58 AAdjrj/
-rwxr-xr-x 1 12460 197609 996695888  3月  8 17:38 Anaconda3-2024.10-1-Windows-x86_64
drwxr-xr-x 1 12460 197609      0  3月 22 16:32 conda/
drwxr-xr-x 1 12460 197609      0  3月 16 13:27 Git/
-rwxr-xr-x 1 12460 197609 69544752  3月  8 15:02 Git-2.48.1-64-bit.exe*
drwxr-xr-x 1 12460 197609      0  3月 22 13:11 'Microsoft VS Code'/
drwxr-xr-x 1 12460 197609      0  3月  8 17:35 miniconda/
-rwxr-xr-x 1 12460 197609 93297552  3月  8 17:29 Miniconda3-latest-Windows-x86_64.e
(prji)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python
Python 3.10.16 | packaged by Anaconda, Inc. | (main, Dec 11 2024, 16:19:12) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import requests
>>> requests
<module 'requests' from 'F:\python\conda\envs\prji\lib\site-packages\requests\__init__.py'>
>>>
```

```

12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python --version
Python 3.8.20
(prj2)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ python
Python 3.8.20 (default, Oct 3 2024, 15:19:54) [MSC v.1929 64 bit
Type "help", "copyright", "credits" or "license" for more informat
>>> import pandas
>>> panda.__file__
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'panda' is not defined
>>> pandas.__version__
'2.0.3'
>>> import statsmodels
>>> statsmodels.__version__
'0.14.0'
>>> |

```

检查 conda 下软件包

一开始无法显示已安装的安装包，在更改至上级路径后 可以运行

```

(prj2)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ conda list
(prj2)
12460@LAPTOP-T1VTLFCA MINGW64 /f/python
$ cd ..
(prj2)
12460@LAPTOP-T1VTLFCA MINGW64 /f
$ conda list
# packages in environment at F:\python\conda\envs\prj2:
#
# Name                        Version      Build      Channel
blas                          1.0          mkl
bottleneck                    1.3.7        py38h9128911_0
brotli-python                  1.0.9        py38hd77b12b_8
ca-certificates                2025.2.25    haa95532_0
certifi                        2024.8.30    py38haa95532_0
charset-normalizer              3.3.2        pyhd3eb1b0_0
icc_rt                         2022.1.0     h6049295_2
idna                           3.7          py38haa95532_0
intel-openmp                   2023.1.0     h59b6b97_46320
libffi                          3.4.4        hd77b12b_1
mkl                            2023.1.0     h6b88ed4_46358

```

```

environments.txt  ! .condarc  X
C: > Users > 12460 > ! .condarc
1  channels:
2    - https://repo.anaconda.com/pkgs/main
3    - https://repo.anaconda.com/pkgs/r
4    - https://repo.anaconda.com/pkgs/msys2
5  show_channel_urls: true
6

```

更改默认

```
C: > Users > 12460 > ! .condarc
1  channels:
2  | - conda-forge
3  show_channel_urls: true
4  default_channels:
5  | - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/main
6  | - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/r
7  | - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/msys2
8  custom_channels:
9  | conda-forge: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
10 | pytorch: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
```

运行 polars

```
done
(prj1)
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ which python
/f/python/conda/envs/prj1/python
(prj1)
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ python
Python 3.10.16 | packaged by Anaconda, Inc. | (main, Dec 11 2024, 16:19:12) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more
>>> import polars
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'polars'
>>> |
```

```
Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
Everything found within the environment (F:\python\conda\envs\prj1), including any conda files, will be deleted. Do you wish to continue?
(y/[n])? y

(base)
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ conda env list
# conda environments:
#
base                  *  F:\python\conda
myenv                 F:\python\conda\envs\myenv
prj2                  F:\python\conda\envs\prj2

(base)
```

再重新下载 `pythonpolars` 时一开始会出现无法下载的问题，发现将 `-` 修改为 `=` 号后可以顺利下载，因此将 3.10 修改为 3.12 的版本下载，结果是可以下载成功

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/python
$ conda create -n prj1 python=3.10 requests
Channels:
- conda-forge
- defaults
- https://repo.anaconda.com/pkgs/main
- https://repo.anaconda.com/pkgs/r
- https://repo.anaconda.com/pkgs/msys2
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: failed

PackagesNotFoundError: The following packages are not available from current channels:

- python-3.10

Current channels:

- https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud/conda-forge
- defaults
- https://repo.anaconda.com/pkgs/main
- https://repo.anaconda.com/pkgs/r
- https://repo.anaconda.com/pkgs/msys2

To search for alternate channels that may provide the conda package you're
looking for, navigate to

    https://anaconda.org

and use the search bar at the top of the page.
```

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/python
$ conda create -n prj1 python=3.10 requests polars-lts-cpu
Channels:
```

```
done
#
# To activate this environment, use
#
#     $ conda activate prj1
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/python
$
```

```
$ conda env list
# conda environments:
#
base                * F:\python\conda
myenv               F:\python\conda\envs\myenv
prj1                F:\python\conda\envs\prj1
prj2                F:\python\conda\envs\prj2
```

考虑到之前 prj2 版本为较低版本的 python。询问豆包后对 python 进行更新

```
12460@LAPTOP-T1VTLFCA MINGW64 /
$ python --version
Python 3.9.21
(prj2)
12460@LAPTOP-T1VTLFCA MINGW64 /
$
```


镜像配置

```
12460@LAPTOP-T1VTLFCA MINGW64 /
$ python -m pip install --upgrade pip
Requirement already satisfied: pip in f:\python\conda\envs\prj1\lib\site-packages (25.0.1)
(prj1)
12460@LAPTOP-T1VTLFCA MINGW64 /
$ pip config set global.index-url https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Writing to C:\Users\12460\AppData\Roaming\pip\pip.ini
(prj1)
```

```
(prj1)
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ pip install tushare
Looking in indexes: https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Collecting tushare
  Downloading https://mirrors.tuna.tsinghua.edu.cn/pypi/web/packages/2b/b1/8aa06e934b778920624047770cc8fd5518a1e9d3066043150a691f71edc1/tushare-1.4.19-py3-none-any.whl (142 kB)
Collecting pandas (from tushare)
  Downloading https://mirrors.tuna.tsinghua.edu.cn/pypi/web/packages/29/d4/1244ab8edf173a10fd601f7e13b9566c1b525c4f365d6bee918e68381889/pandas-2.2.3-cp312-cp312-win_amd64.whl (11.5 MB)
2.1/11.5 MB 561.9 kB/s eta 0:00:17
```

查看 tushare 版本号

```
12460@LAPTOP-T1VTLFCA MINGW64 ~
$ python
Python 3.12.9 | packaged by conda-forge | (main, Mar 4 2025, 22:37:18)
Type "help", "copyright", "credits" or "license" for more information.
>>> import tushare
>>> tushare.__version__
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'tushare.__version__' is not defined
>>> tushare.__version__
'1.4.19'
```

```
- tk=8.6.13=h5226925_1
- ucrt=10.0.22621.0=h57928b3_1
- urllib3=2.3.0=pyhd8ed1ab_0
- vc=14.3=hb6f610ac_24
- vc14_runtime=14.42.34438=hfd919c2_24
- wheel=0.45.1=pyhd8ed1ab_1
- win_inet_pton=1.1.0=pyh7428d3b_8
- zstandard=0.23.0=py312h4389bb4_1
- pip:
  - beautifulsoup4==4.13.3
  - bs4==0.0.2
  - colorama==0.4.6
  - lxml==5.3.1
  - pandas==2.2.3
  - polars-lts-cpu==1.24.0
  - python-dateutil==2.9.0.post0
  - pytz==2025.1
  - simplejson==3.20.1
  - six==1.17.0
  - soupsieve==2.6
  - tqdm==4.67.1
  - tushare==1.4.19
  - typing-extensions==4.12.2
  - tzdata==2025.1
  - websocket-client==1.8.0
refix: F:\python\conda\envs\prj1
pri1)
```

```

12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode
$ mkdir week03
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode
$ mkdir repo
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode
$ ls -t
repo/  week03/  week02/
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode
$ cd repo
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/repo
$ ls -l
total 0
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/repo
$

```

移动 yml 文件至当前文件夹内的 repo 中

```

12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03
$ ls
repo/
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03
$ cd repo
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo
$ cd prj1
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/prj1
$ ls
environment.yml
(base)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/prj1
$

```

```

done
#
# To activate this environment, use
#
#     $ conda activate prj1
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /f/python/conda/envs/repo/prj1
$ conda env list
# conda environments:
#
base          * F:\python\conda
myenv         F:\python\conda\envs\myenv
prj1          F:\python\conda\envs\prj1
prj2          F:\python\conda\envs\prj2

```

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo
$ cd my-project

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-
$ ls
environment.yml

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-
$ cat environment.yml
name: myproject
channels:
  - conda-forge
dependencies:
  - python-3.12
```

切换环境

```
(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ conda env list
# conda environments:
#
base                  *  F:\python\conda
myproject             F:\python\conda\envs\myproject
prj1                  F:\python\conda\envs\prj1
prj2                  F:\python\conda\envs\prj2

(base) 12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ conda activate myproject
(myproject)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$
```

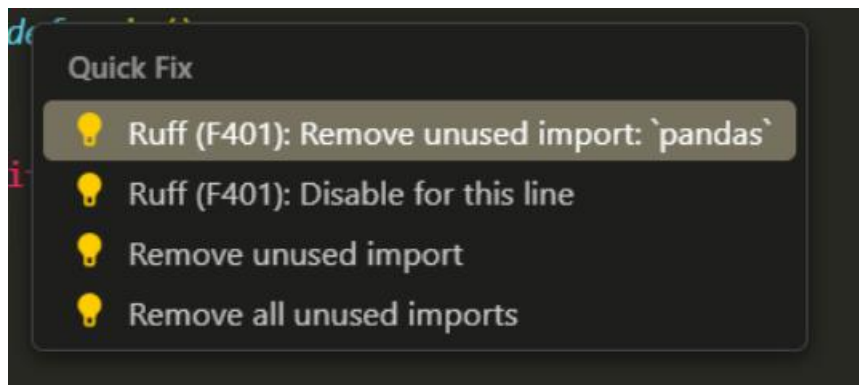
```
{
  "workbench.startupEditor": "none",
  "security.workspace.trust.untrustedFiles": "open",
  "workbench.colorTheme": "Monokai",

  "[python]": {
    "editor.formatOnSave": true,
    "editor.codeActionsOnSave": {
      "source.fixAll": "explicit",
      "source.organizeImports": "explicit"
    },
    "editor.defaultFormatter": "charliermarsh.ruff",
  },

  "notebook.formatOnSave.enabled": true,
  "notebook.codeActionsOnSave": {
    "notebook.source.fixAll": "explicit",
    "notebook.source.organizeImports": "explicit"
  },
}
```

```
(myproject)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ python main.py
Hello, conda!
(myproject)
```

配置成功 ruff 后在代码中未运用到 pandas 的时候 ruff 会默认删除 pandas 这一行，因此需要手动选择 disable 后系统会在 pandas 行注释后保存可以成功运行



```
! environment.yml  main.py  X
main.py > ...
1  import pandas as pd  # noqa: F401
2
3
4  def main():
5      print("Hello, conda!")
6
7
8  if __name__ == "__main__":
9      main()
10
```

```
(myproject)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ python main.py
Hello, conda!
2.2.3
F:\python\conda\envs\myproject\Lib\site-packages\pandas\__init__.py
```



```
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ curl -O https://edg.epa.gov/EPADataCommons/public/OA/EPA_SmartLocationDatabase_V3_Jan_202
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100 192M 100 192M    0     0  107k      0  0:30:38  0:30:38 --:--:-- 187k
(myproject)
12460@LAPTOP-T1VTLFCA MINGW64 /d/gitcode/week03/repo/my-project
$ python main.py
10.69% of U.S. residents live in highlywalkable neighborhoods.
(myproject)
```