

1.在自己的终端 (比如 Git Bash、Zsh 等) 配置好 Conda Init, 使得启动终端后, 在提示符 (比如 \$、%) 前能够看到 (base) ✓

```
version.
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ which conda
/d/anaconda/Scripts/conda
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ conda init --help
usage: conda-script.py init [-h] [--all] [--user] [--no-user] [--system]
                             [--reverse] [--anaconda-prompt] [--json] [-v] [-q]
                             [-s]
                             [SHELLS ...]

Initialize conda for shell interaction.

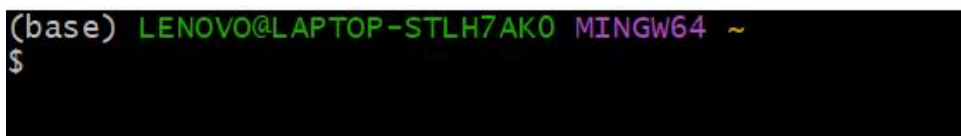
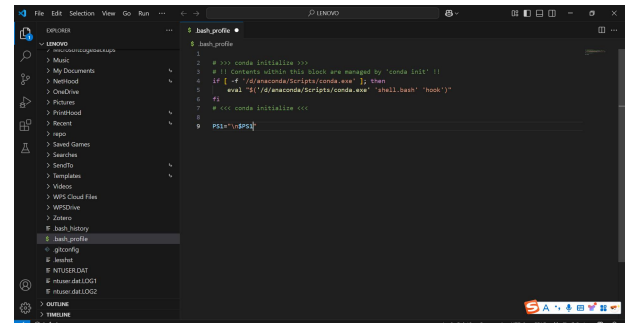
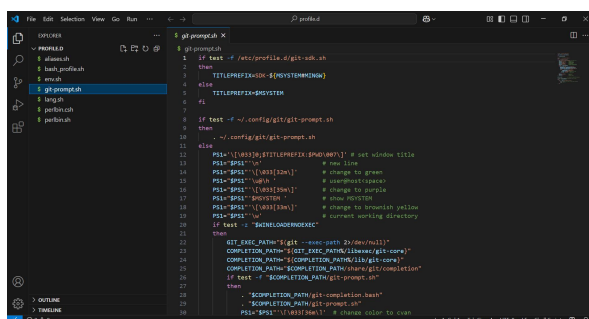
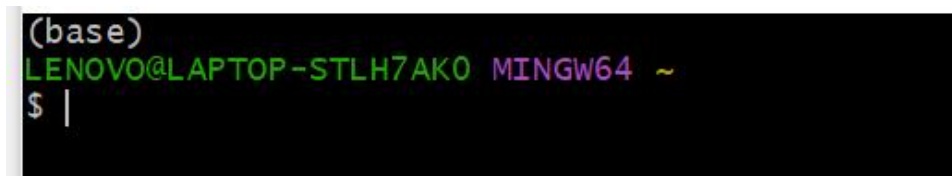
positional arguments:
  SHELLS                One or more shells to be initialized. If not given, the
                        default value is 'bash' on unix and 'cmd.exe' &
                        'powershell' on windows. Use the '--all' flag to
                        initialize all shells. Available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

Setup type:
  --user              Initialize conda for the current user (default).
  --no-user           Don't initialize conda for the current user.
  --system            Initialize conda for all users on the system.
  --reverse           Undo effects of last conda init.

Output, Prompt, and Flow Control Options:
  --json              Report all output as json. Suitable for using conda
                        programmatically.
  -v, --verbose       Can be used multiple times. Once for detailed output,
                        twice for INFO logging, thrice for DEBUG logging, four
                        times for TRACE logging.
  -q, --quiet         Do not display progress bar.

Key parts of conda's functionality require that it interact directly with the sh
```



2. 使用 `conda info` 命令查看本机 Conda 的配置信息 ✓
3. 使用 `conda env list` 命令查看已有的 Conda 环境的名称和路径，理解 Conda 环境的概念 ✓

```
(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ conda info

      active environment : base
      active env location : D:\anaconda
            shell level : 1
      user config file : C:\Users\LENOVO\.condarc
populated config files : D:\anaconda\.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=x86_64_v3
                  __conda=24.9.2=0
                  __win=0=0
base environment : D:\anaconda (writable)
conda av data dir : D:\anaconda\etc\conda
conda av metadata url : None
   channel URLs : https://repo.anaconda.com/pkgs/main/win-64
                  https://repo.anaconda.com/pkgs/main/noarch
                  https://repo.anaconda.com/pkgs/r/win-64
                  https://repo.anaconda.com/pkgs/r/noarch
                  https://repo.anaconda.com/pkgs/msys2/win-64
                  https://repo.anaconda.com/pkgs/msys2/noarch
      package cache : D:\anaconda\pkgs
                     C:\Users\LENOVO\.conda\pkgs
                     C:\Users\LENOVO\AppData\Local\conda\conda\pkgs
     envs directories : D:\anaconda\envs
                     C:\Users\LENOVO\.conda\envs
                     C:\Users\LENOVO\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/0.4.4 c/. s/. e/.
      administrator : False
         netrc file : None
        offline mode : False
```

```
(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ conda env list
# conda environments:
#
base * D:\anaconda
```

4. 使用 `conda create` 命令创建两个 Conda 环境，一个里面安装 Python 3.12 和 `requests` 软件包，另一个里面安装 Python 3.9、`pandas` 和 `statsmodels` 软件包，能够在终端里切换 Conda 环境，验证 Python 和软件包的版本 ✓
5. 使用 `conda list` 命令显示 Conda 环境里的软件包列表及其版本信息 ✓

```
(base) LENOVO\LAPTOP-STLH7AK0 MINGW64 ~
$ conda create -n prj1 python=3.12 requests
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##

environment location: D:\anaconda\envs\prj1

added / updated specs:
- python=3.12
- requests

The following packages will be downloaded:
```

package	build	size
brotli-python-1.0.9	py312h5da7b33_9	347 KB
bzip2-1.0.8	h2b6ff1b_6	90 KB
ca-certificates-2025.2.25	haa95532_0	130 KB
certifi-2025.1.31	py312haa95532_0	164 KB
charset-normalizer-3.3.2	pyhd3eb1b0_0	44 KB
expat-2.6.4	h8ddb27b_0	257 KB
idna-3.7	py312haa95532_0	132 KB
libffi-3.4.4	hdf7712b_1	122 KB
openssl-3.0.16	h3f729d1_0	7.8 MB
pip-25.0	py312haa95532_0	3.0 MB
pysocks-1.7.1	py312haa95532_0	34 KB
python-3.12.9	h14ffc60_0	16.5 MB
requests-2.32.3	py312haa95532_1	124 KB
setuptools-75.8.0	py312haa95532_0	2.2 MB
sqlite-3.45.3	h2b6ff1b_0	973 KB
tk-8.6.14	h0416ee5_0	3.5 MB
tzdata-2025a	h04die81_0	117 KB
urllib3-2.3.0	py312haa95532_0	238 KB
vc-14.42	haa95532_4	11 KB
vs2015_runtime-14.42.34433	he0abc0d_4	1.2 MB
wheel-0.45.1	py312haa95532_0	177 KB
win_inet_pton-1.1.0	py312haa95532_0	10 KB
xz-5.6.4	h4754444_1	280 KB
zlib-1.2.13	h8cc25b3_1	131 KB
Total:		37.5 MB

```
(base) LENOVO\LAPTOP-STLH7AK0 MINGW64 ~
$ conda create -n prj2 python=3.9 pandas statsmodels
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##

environment location: D:\anaconda\envs\prj2

added / updated specs:
- pandas
- python=3.9
- statsmodels

The following packages will be downloaded:
```

package	build	size
blas-1.0	mk1	6 KB
bottleneck-1.4.2	py39hc99e966_0	129 KB
icc_rt-2022.1.0	h6049295_2	6.5 MB
intel-openmp-2023.1.0	h59b6b97_46320	2.7 MB
mk1-2023.1.0	h6b88ed4_46358	155.9 MB
mk1-service-2.4.0	py39h827c3e9_2	66 KB
mk1-fft-1.3.11	py39h827c3e9_0	167 KB
mk1-random-1.2.8	py39hc64d2fc_0	257 KB
numexpr-2.10.1	py39h4cd664f_0	177 KB
numpy-2.0.2	py39h055c8cc_0	12 KB
numpy-base-2.0.2	py39h65a83cf_0	9.2 MB
packaging-24.2	py39haa95532_0	168 KB
pandas-2.2.3	py39h5da7b33_0	11.9 MB
patsy-1.0.1	py39haa95532_0	288 KB
pip-25.0	py39haa95532_0	2.5 MB
pybind11-abi-5	h33eb1b0_0	14 KB
python-3.9.21	h8205438_1	19.6 MB
python-dateutil-2.9.0post0	py39haa95532_2	280 KB
python-tzdata-2023.3	pyhd3eb1b0_0	140 KB
pytz-2024.1	py39haa95532_0	215 KB
scipy-1.13.1	py39h6640f81_1	22.8 MB

```
(base) LENOVO\LAPTOP-STLH7AK0 MINGW64 ~
$ conda env list
# conda environments:
#
base * D:\anaconda
prj1 D:\anaconda\envs\prj1
prj2 D:\anaconda\envs\prj2

(base) LENOVO\LAPTOP-STLH7AK0 MINGW64 ~
$ conda activate prj1
(prj1) LENOVO\LAPTOP-STLH7AK0 MINGW64 ~
$ which python
/d/anaconda/envs/prj1/python
(prj1)
```

```
(base) LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ conda activate prj1
(prj1)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ which python
/d/anaconda/envs/prj1/python
(prj1)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ python --version
Python 3.12.9
(prj1)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ python
Python 3.12.9 | packaged by Anaconda, Inc. | (main, Feb 6 2025, 18:49:16) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> quit()
(prj1)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ conda activate prj2
(prj2)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ which python
/d/anaconda/envs/prj2/python
(prj2)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ python --version
Python 3.9.21
(prj2)
LENOVO\LAPTOP-STLH7AKO MINGW64 ~
$ python
Python 3.9.21 (main, Dec 11 2024, 16:35:24) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import requests
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'requests'
>>> import pandas
>>> pandas.__file__
d:\anaconda\envs\prj2\lib\site-packages\pandas\__init__.py'
>>>
```

```
(prj2)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ which python
/d/anaconda/envs/prj2/python
(prj2)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ python --version
Python 3.9.21
(prj2)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ python
Python 3.9.21 (main, Dec 11 2024, 16:35:24) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import requests
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'requests'
>>> import pandas
>>> pandas.__file__
'D:\anaconda\envs\prj2\lib\site-packages\pandas\__init__.py'
>>> pandas.__version__
'2.2.3'
>>> import statsmodels
>>> statsmodels.__version__
'0.14.4'
>>> quit()
(prj2)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ conda list
# packages in environment at D:\anaconda\envs\prj2:
#
# Name                    Version            Build    Channel
blas                      1.0                mk1
bottleneck                1.4.2             py39hc99e966_0
ca-certificates           2025.2.25         haa95532_0
icc_rt                    2022.1.0          h6049295_2
intel-openmp              2023.1.0          h59b6b97_46320
mk1                       2023.1.0          h6b88ed4_46358
mk1-service               2.4.0             py39h827c3e9_2
mk1_fft                   1.3.11            py39h827c3e9_0
mk1_random                1.2.8             py39hc64d2fc_0
numexpr                   2.10.1            py39h4cd664f_0
numpy                     2.0.2             py39h055cbcc_0
numpy-base                2.0.2             py39h65a83cf_0
openssl                   3.0.16            h3f729d1_0
packaging                 24.2              py39haa95532_0
pandas                    2.2.3             py39h5da7b33_0
patsy                     1.0.1             py39haa95532_0
pip                       25.0              py39haa95532_0
```

```
mk1_fft                   1.3.11            py39h827c3e9_0
mk1_random                1.2.8             py39hc64d2fc_0
numexpr                   2.10.1            py39h4cd664f_0
numpy                     2.0.2             py39h055cbcc_0
numpy-base                2.0.2             py39h65a83cf_0
openssl                   3.0.16            h3f729d1_0
packaging                 24.2              py39haa95532_0
pandas                    2.2.3             py39h5da7b33_0
patsy                     1.0.1             py39haa95532_0
pip                       25.0              py39haa95532_0
pybind11-abi              5                 hd3eb1b0_0
python                    3.9.21            h8205438_1
python-dateutil           2.9.0post0        py39haa95532_2
python-tzdata             2023.3            pyhd3eb1b0_0
pytz                      2024.1            py39haa95532_0
scipy                     1.13.1            py39h8640f81_1
setuptools                72.1.0            py39haa95532_0
six                       1.16.0            pyhd3eb1b0_1
sqlite                    3.45.3            h2bbff1b_0
statsmodels               0.14.4            py39h827c3e9_0
tbb                       2021.8.0          h59b6b97_0
tzdata                    2025a             h04d1e81_0
vc                        14.42             haa95532_4
vs2015_runtime            14.42.34433       he0abc0d_4
wheel                     0.45.1            py39haa95532_0
(prj2)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ conda activate prj1
(prj1)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ conda list
# packages in environment at D:\anaconda\envs\prj1:
#
# Name                    Version            Build    Channel
brotli-python             1.0.9             py312h5da7b33_9
bzip2                     1.0.8             h2bbff1b_6
ca-certificates           2025.2.25         haa95532_0
certifi                   2025.1.31         py312haa95532_0
charset-normalizer        3.3.2             pyhd3eb1b0_0
expat                     2.6.4             h8ddb27b_0
idna                      3.7               py312haa95532_0
libffi                    3.4.4             hd77b12b_1
openssl                   3.0.16            h3f729d1_0
pip                       25.0              py312haa95532_0
pysocks                   1.7.1             py312haa95532_0
python                    3.12.9            h14ffc60_0
requests                  2.32.3            py312haa95532_1
setuptools                75.8.0            py312haa95532_0
sqlite                    3.45.3            h2bbff1b_0
```

```
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ conda activate prj1
(prj1)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ conda list
# packages in environment at D:\anaconda\envs\prj1:
#
# Name                    Version            Build    Channel
brotli-python             1.0.9             py312h5da7b33_9
bzip2                     1.0.8             h2bbff1b_6
ca-certificates           2025.2.25         haa95532_0
certifi                   2025.1.31         py312haa95532_0
charset-normalizer        3.3.2             pyhd3eb1b0_0
expat                     2.6.4             h8ddb27b_0
idna                      3.7               py312haa95532_0
libffi                    3.4.4             hd77b12b_1
openssl                   3.0.16            h3f729d1_0
pip                       25.0              py312haa95532_0
pysocks                   1.7.1             py312haa95532_0
python                    3.12.9            h14ffc60_0
requests                  2.32.3            py312haa95532_1
setuptools                75.8.0            py312haa95532_0
sqlite                    3.45.3            h2bbff1b_0
tk                        8.6.14            h0416ee5_0
tzdata                    2025a             h04d1e81_0
urllib3                   2.3.0             py312haa95532_0
vc                        14.42             haa95532_4
vs2015_runtime            14.42.34433       he0abc0d_4
wheel                     0.45.1            py312haa95532_0
win_inet_pton             1.1.0             py312haa95532_0
xz                        5.6.4             h4754444_1
zlib                      1.2.13            h8cc25b3_1
(prj1)
LENOVO@LAPTOP-STLH7AKO MINGW64 ~
$ |
```

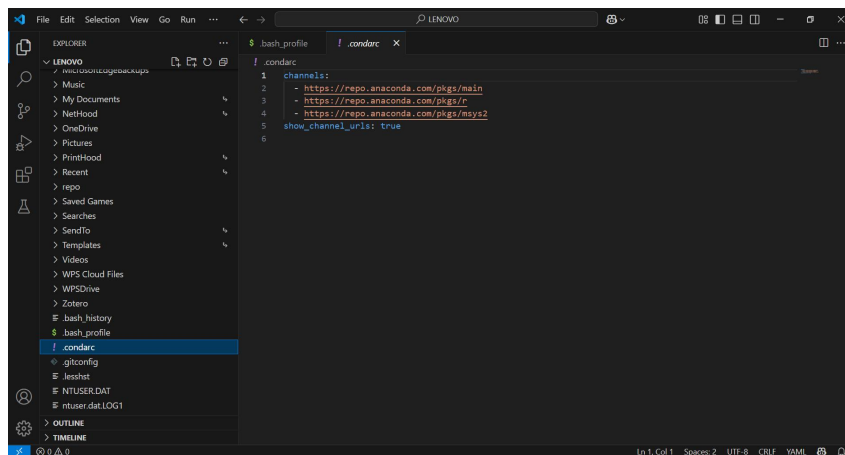


6. 使用 conda install 命令往 Conda 环境里安装更多的软件包，并验证版本

✓

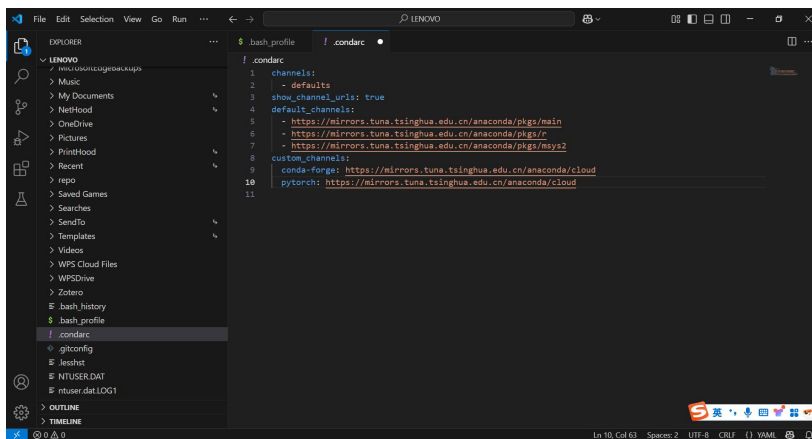
```
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ conda list
# packages in environment at D:\anaconda\envs\prj1:
#
# Name                                Version                                Build                                Channel
asttokens                             2.0.5                                pyhd3eb1b0_0
brotli-python                         1.0.9                                py312h5da7b33_9
bzip2                                 1.0.8                                h2bbff1b_6
ca-certificates                       2025.2.25                             haa95532_0
certifi                               2025.1.31                             py312haa95532_0
charset-normalizer                    3.3.2                                pyhd3eb1b0_0
colorama                              0.4.6                                py312haa95532_0
decorator                             5.1.1                                pyhd3eb1b0_0
executing                             0.8.3                                pyhd3eb1b0_0
expat                                  2.6.4                                h8ddb27b_0
idna                                   3.7                                   py312haa95532_0
ipython                               8.30.0                               py312haa95532_0
jedi                                   0.19.2                               py312haa95532_0
libffi                                3.4.4                                hd77b12b_1
matplotlib-inline                     0.1.6                                py312haa95532_0
openssl                                3.0.16                                h3f729d1_0
parso                                  0.8.4                                py312haa95532_0
pip                                    25.0                                  py312haa95532_0
prompt-toolkit                        3.0.43                               py312haa95532_0
prompt_toolkit                        3.0.43                               hd3eb1b0_0
pure_eval                             0.2.2                                pyhd3eb1b0_0
pygments                              2.15.1                               py312haa95532_1
pysocks                               1.7.1                                py312haa95532_0
python                                3.12.9                               h14ffc60_0
requests                              2.32.3                               py312haa95532_1
setuptools                             75.8.0                               py312haa95532_0
six                                    1.16.0                               pyhd3eb1b0_1
sqlite                                 3.45.3                               h2bbff1b_0
stack_data                            0.2.0                                pyhd3eb1b0_0
tk                                     8.6.14                               h0416ee5_0
traitlets                             5.14.3                               py312haa95532_0
tzdata                                2025a                                h04d1e81_0
urllib3                               2.3.0                                py312haa95532_0
vc                                     14.42                                haa95532_4
vs2015_runtime                        14.42.34433                           he0abc0d_4
wcwidth                               0.2.5                                pyhd3eb1b0_0
wheel                                 0.45.1                               py312haa95532_0
win_inet_pton                         1.1.0                                py312haa95532_0
xz                                     5.6.4                                h4754444_1
zlib                                   1.2.13                               h8cc25b3_1
(prj1)
```

7. 根据文档，配置 Anaconda 清华镜像，加快 conda install 安装软件包的速度，将 conda-forge 设置为默认 Channel，让 conda install 能够安装更多的软件包 ✓



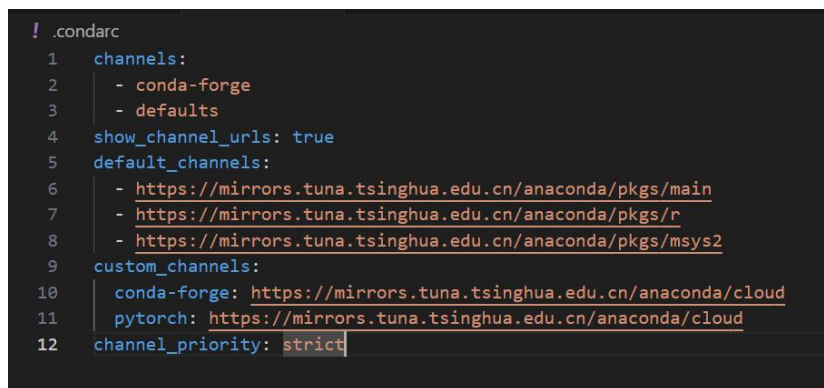
This screenshot shows the initial configuration of the `.condarc` file in VS Code. The Explorer panel on the left shows the file structure, with `.condarc` selected. The main editor displays the following content:

```
! .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
```



This screenshot shows the updated `.condarc` file configuration. The Explorer panel shows `.condarc` selected. The main editor displays the following content:

```
! .condarc
1 channels:
2   - defaults
3 show_channel_urls: true
4 default_channels:
5   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/main
6   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/r
7   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/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
11
```



This image provides a detailed view of the `.condarc` configuration file. The content is as follows:

```
! .condarc
1 channels:
2   - conda-forge
3   - defaults
4 show_channel_urls: true
5 default_channels:
6   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/main
7   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/r
8   - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/msys2
9 custom_channels:
10  conda-forge: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
11  pytorch: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
12 channel_priority: strict
```

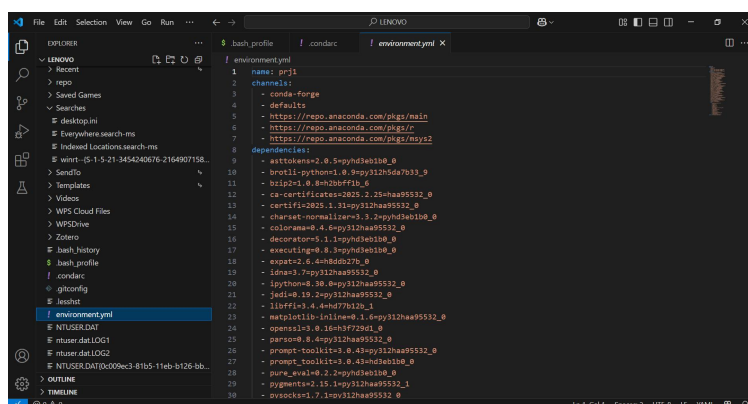
8. 使用 `pip install` 命令往 Conda 环境里安装 Python 软件包，并验证版本 ✓
9. 根据文档配置 PyPI 清华镜像，加快 `pip install` 安装软件包的速度 ✓

```
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ pip install tushare
Collecting tushare
  Downloading tushare-1.4.19-py3-none-any.whl.metadata (3.1 kB)
Collecting pandas (from tushare)
  Downloading pandas-2.2.3-cp312-cp312-win_amd64.whl.metadata (19 kB)
Requirement already satisfied: requests in d:\anaconda\envs\prj1\lib\site-packages (from tushare) (2.32.3)
Collecting lxml (from tushare)
  Downloading lxml-5.3.1-cp312-cp312-win_amd64.whl.metadata (3.8 kB)
Collecting simplejson (from tushare)
  Downloading simplejson-3.20.1-cp312-cp312-win_amd64.whl.metadata (3.4 kB)
Collecting bs4 (from tushare)
  Downloading bs4-0.0.2-py2.py3-none-any.whl.metadata (411 bytes)
Collecting websocket-client<=0.57.0 (from tushare)
  Downloading websocket_client-1.8.0-py3-none-any.whl.metadata (8.0 kB)
Collecting tqdm (from tushare)
  Downloading tqdm-4.67.1-py3-none-any.whl.metadata (57 kB)
Collecting beautifulsoup4 (from bs4->tushare)
  Downloading beautifulsoup4-4.13.3-py3-none-any.whl.metadata (3.8 kB)
Collecting numpy<=1.26.0 (from pandas->tushare)
  Downloading numpy-2.2.4-cp312-cp312-win_amd64.whl.metadata (60 kB)
Collecting python-dateutil<=2.8.2 (from pandas->tushare)
  Downloading python_dateutil-2.9.0.post0-py2.py3-none-any.whl.metadata (8.4 kB)
Collecting pytz<=2020.1 (from pandas->tushare)
  Downloading pytz-2025.1-py2.py3-none-any.whl.metadata (22 kB)
Collecting tzdata<=2022.7 (from pandas->tushare)
  Downloading tzdata-2025.1-py2.py3-none-any.whl.metadata (1.4 kB)
Requirement already satisfied: charset-normalizer<4.0.0 in d:\anaconda\envs\prj1\lib\site-packages (from requests->tushare) (3.3.2)
Requirement already satisfied: idna<4.0.0 in d:\anaconda\envs\prj1\lib\site-packages (from requests->tushare) (3.7)
Requirement already satisfied: urllib3<3.0.0 in d:\anaconda\envs\prj1\lib\site-packages (from requests->tushare) (2.3.0)
Requirement already satisfied: certifi<=2017.4.17 in d:\anaconda\envs\prj1\lib\site-packages (from requests->tushare) (2025.1.31)
Requirement already satisfied: colorama in d:\anaconda\envs\prj1\lib\site-packages (from tqdm->tushare) (0.4.6)
Requirement already satisfied: six<=1.5 in d:\anaconda\envs\prj1\lib\site-packages (from python-dateutil->2.8.2->pandas->tushare) (1.16.0)
Collecting soupsieve>=1.2 (from beautifulsoup4->bs4->tushare)
  Downloading soupsieve-2.6-py3-none-any.whl.metadata (4.6 kB)
Collecting typing-extensions>=4.0.0 (from beautifulsoup4->bs4->tushare)
  Downloading typing_extensions-4.12.2-py3-none-any.whl.metadata (3.0 kB)
Downloading tushare-1.4.19-py3-none-any.whl (142 kB)
Downloading websocket-client-1.8.0-py3-none-any.whl (58 kB)
Downloading bs4-0.0.2-py2.py3-none-any.whl (1.2 kB)
Downloading lxml-5.3.1-cp312-cp312-win_amd64.whl (3.8 MB)
3.8/3.8 MB 5.7 MB/s eta 0:00:00
Downloading pandas-2.2.3-cp312-cp312-win_amd64.whl (11.5 MB)
11.5/11.5 MB 3.9 MB/s eta 0:00:00
Downloading simplejson-3.20.1-cp312-cp312-win_amd64.whl (75 kB)
Downloading tqdm-4.67.1-py3-none-any.whl (78 kB)
Downloading numpy-2.2.4-cp312-cp312-win_amd64.whl (12.6 MB)
12.6/12.6 MB 2.5 MB/s eta 0:00:00
```

```
tk 8.6.14 h0416ees_0 https://repo.anaconda.com/pkgs/main
tqdm 4.67.1 pypi_0 pypi
traitlets 5.14.3 py312haa95532_0 https://repo.anaconda.com/pkgs/main
tushare 1.4.19 pypi_0 pypi
```

```
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ python
Python 3.12.9 | packaged by Anaconda, Inc. | (main, Feb 6 2025, 18:49:16) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import tushare
>>> tushare.__version__
'1.4.19'
>>>
```

```
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~
$ conda env export -f environment.yml
(prj1)
```



## conda deactivate

激活环境：当你使用 `conda activate <环境名称>` 时，会切换到指定的 Conda 环境；停用环境：当你不需要使用当前环境时，可以运行 `conda deactivate`，这会退



```
(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo
$ ls -l
total 9
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 22:52 mywork/
drwxr-xr-x 1 LENOVO 197121 0 Mar 19 23:41 prj1/
-rw-r--r-- 1 LENOVO 197121 316 Mar 11 15:47 script1.py
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 23:22 week01/
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 23:22 week02/

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo
$ mkdir myproject

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo
$ ls -l
total 9
drwxr-xr-x 1 LENOVO 197121 0 Mar 20 21:35 myproject/
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 22:52 mywork/
drwxr-xr-x 1 LENOVO 197121 0 Mar 19 23:41 prj1/
-rw-r--r-- 1 LENOVO 197121 316 Mar 11 15:47 script1.py
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 23:22 week01/
drwxr-xr-x 1 LENOVO 197121 0 Mar 16 23:22 week02/

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo
$ cd mypro
bash: cd: mypro: No such file or directory

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo
$ cd myproject/

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo/myproject
$ ls -l
total 1
-rw-r--r-- 1 LENOVO 197121 75 Mar 20 21:39 environment.yml

(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo/myproject
$ cat environment.yml
name: myproject
channels:
  - conda-forge
dependencies:
  - python=3.12
```

```
(base) LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo/myproject
$ conda env list
# conda environments:
#
base                * D:\anaconda
myproject           D:\anaconda\envs\myproject
prj1                D:\anaconda\envs\prj1
prj2                D:\anaconda\envs\prj2
```

```
mk1                2024.2.2            h66d3029_15    conda-forge
numpy              2.2.4              py312h3150e54_0    conda-forge
openSSL            3.4.1              ha4e3fda_0        conda-forge
pandas             2.2.3              py312h72972c8_1    conda-forge
pip               25.0.1             pyh8b19718_0       conda-forge
python            3.12.9             h3f84c4b_1_cppython    conda-forge
python-dateutil    2.9.0.post0        pyhff2d567_1       conda-forge
python-tzdata      2025.1             pyhd8ed1ab_0        conda-forge
python_abi         3.12               5_cp312            conda-forge
pytz              2024.1             pyhd8ed1ab_0        conda-forge
setuptools         75.8.2             pyhff2d567_0        conda-forge
six               1.17.0             pyhd8ed1ab_0        conda-forge
tbb               2021.13.0          h62715c5_1         conda-forge
tk                8.6.13             h5226925_1         conda-forge
tzdata            2025a              h78e105d_0         conda-forge
ucrt              10.0.22621.0       h57928b3_1         conda-forge
vc               14.3               hbf610ac_24        conda-forge
vc14_runtime      14.42.34438        hfd919c2_24        conda-forge
wheel             0.45.1             pyhd8ed1ab_1        conda-forge
(myproject)
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
(myproject)
LENOVO@LAPTOP-STLH7AK0 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
2.2.3
D:\anaconda\envs\myproject\Lib\site-packages\pandas\__init__.py
(myproject)
```



