```
$ .bash_profile ×

$ .bash_profile
1
2    # >>> conda initialize >>>
3    # !! Contents within this block are managed by 'conda init' !!
4    if [ -f '/d/Anaconda/Scripts/conda.exe' ]; then
5        eval "$('/d/Anaconda/Scripts/conda.exe' 'shell.bash' 'hook')"
6    fi
7    # <<< conda initialize <<<
8
9
```

命令提示符    ×    MINGW64:/c/Users/DELL    ×

```
(base)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$
```

命令提示符    ×    MINGW64:/c/Users/DELL    ×

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$
```

命令提示符    ×    MINGW64:/c/Users/DELL    ×    +

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$
```

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda info

           active environment : base
          active env location : D:\Anaconda
                  shell level : 1
             user config file : C:\Users\DELL\.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=icelake
                                __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
```

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env list
# conda environments:
#
base                  *  D:\Anaconda
```

```
(base) DELL@DESKTOP-8NOG9O4 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
```

```
(base) DELL@DESKTOP-8NOG9O4 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
```

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env list
# conda environments:
#
base                   *   D:\Anaconda
prj1                       D:\Anaconda\envs\prj1
prj2                       D:\Anaconda\envs\prj2
```

```
(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda activate prj1
(prj1)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ which python
/d/Anaconda/envs/prj1/python
(prj1)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ python --version
Python 3.12.9
(prj1)
DELL@DESKTOP-8NOG9O4 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.
>>>
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda activate prj2
(prj2)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ which python
/d/Anaconda/envs/prj2/python
(prj2)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ python __version
D:\Anaconda\envs\prj2\python.exe: can't open file 'C:\Users\DELL\__version': [Err
(prj2)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ python --version
Python 3.9.21
(prj2)
DELL@DESKTOP-8NOG9O4 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 pandas
>>> pandas.__file__
'D:\\Anaconda\\envs\\prj2\\lib\\site-packages\\pandas\\__init__.py'
>>> pandas.__version__
'2.2.3'
>>> import statsmodels
>>> statsmodels.__file__
'D:\\Anaconda\\envs\\prj2\\lib\\site-packages\\statsmodels\\__init__.py'
>>>
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda list
# packages in environment at D:\Anaconda\envs\prj2:
#
# Name                    Version                   Build  Char
blas                      1.0                         mkl
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
mkl                       2023.1.0         h6b88ed4_46358
mkl-service               2.4.0           py39h827c3e9_2
mkl_fft                   1.3.11          py39h827c3e9_0
mkl_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
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda install ipython
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:
    - ipython
```

```
luna                      3.7                 py312haa95532_0
ipython                   8.30.0              py312haa95532_0
jedi                      0.19.2              py312haa95532_0
```

```
! .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     - ... 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
13
```

```
DELL@DESKTOP-8NOG9O4 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)
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ python -m pip install --upgrade pip
Requirement already satisfied: pip in d:\anaconda\envs\prj1\lib\site-packages (
Collecting pip
  Downloading pip-25.0.1-py3-none-any.whl.metadata (3.7 kB)
Downloading pip-25.0.1-py3-none-any.whl (1.8 MB)
   ──────────────────────────────────── 1.8/1.8 MB 5.3 MB/s eta 0:00:00
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 25.0
    Uninstalling pip-25.0:
      Successfully uninstalled pip-25.0
Successfully installed pip-25.0.1
```

```
DELL@DESKTOP-8NOG9O4 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'
>>> tushare.__file__
'D:\\Anaconda\\envs\\prj1\\Lib\\site-packages\\tushare\\__init__.py'
>>>
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env export
name: prj1
channels:
  - conda-forge
  - https://repo.anaconda.com/pkgs/main
  - https://repo.anaconda.com/pkgs/r
  - https://repo.anaconda.com/pkgs/msys2
dependencies:
  - asttokens=2.0.5=pyhd3eb1b0_0
  - brotli-python=1.0.9=py312h5da7b33_9
```

```
! environment.yml
≡ ntuser-OP1703776109886.dat.LOG1
≡ ntuser-OP1703776109886.dat.LOG2
≡ ntuser-OP1703776109886.dat{93f28dd3-e7f...
≡ ntuser-OP1703776109886.dat{93f28dd3-e7f...
≡ ntuser-OP1703776109886.dat{93f28dd3-e7f...
≡ NTUSER.DAT
≡ ntuser.dat.LOG1
≡ ntuser.dat.LOG2
```

```
      - tzdata==2025.2
      - websocket-client==1.8.0
prefix: D:\Anaconda\envs\prj1
(prj1)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ pwd
/c/Users/DELL
(prj1)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env export -f environment.yml
(prj1)
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda deactivate
(base)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env list
# conda environments:
#
base                  *  D:\Anaconda
prj1                     D:\Anaconda\envs\prj1
prj2                     D:\Anaconda\envs\prj2

(base)
DELL@DESKTOP-8NOG9O4 MINGW64 ~
$ conda env remove -n prj1
```

如何删除

```
            ∨ repo                          DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo
               > mywork                     $ mkdir prj1
               ∨ prj1                       (base)
                 ! environment.yml          DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo
               > week01                     $ cd prj1
               > week02                     (base)
               🐍 script1.py                DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/prj1
               > Saved Games                $ ls -l
               > Searches                   total 0
               > SendTo                     (base)
                                            DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/prj1
                                            $ mv ~/environment.yml ./
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/prj1
$ conda env create
D:\Anaconda\Lib\argparse.py:2006: FutureWarning: `remo
da env create --file=URL` instead.
  action(self, namespace, argument_values, option_stri
Warning: you have pip-installed dependencies in your e
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/prj1
$ conda env create
D:\Anaconda\Lib\argparse.py:2006: FutureWarning: `remote_definition` is deprecated and will be removed in 25.9. Use `con
da env create --file=URL` instead.
  action(self, namespace, argument_values, option_string)
Warning: you have pip-installed dependencies in your environment file, but you do not list pip itself as one of your con
da dependencies.  Conda may not use the correct pip to install your packages, and they may end up in the wrong place.  P
lease add an explicit pip dependency.  I'm adding one for you, but still nagging you.
Channels:
 - conda-forge
```

```
Collecting package metadata (repodata.json): done
Solving environment: failed
Channels:
 - conda-forge
 - 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
```

出现问题 1：显示 warning，并且
安装不成功。在文件里添加了单独
的 pip 后，环境依赖依旧不成功，
但是安装成功了，很神奇。

```
        - https://repo
dependencies:
  - pip
    cattakns 2
```

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


(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/prj1
$ conda env list
# conda environments:
#
base                  *  D:\Anaconda
prj1                     D:\Anaconda\envs\prj1
prj2                     D:\Anaconda\envs\prj2
```

```
repo > myproject > ! environment.yml
 1   name: myproject
 2   channels:
 3     - conda-forge
 4   dependencies:
 5     - python=3.12
```

```
Error: Cannot find module 'D:\Anaconda\Library\d\Microsoft VS
    at Module._resolveFilename (node:internal/modules/cjs/load
    at Module._load (node:internal/modules/cjs/loader:1058:27)
    at c._load (node:electron/js2c/node_init:2:16955)
    at Function.executeUserEntryPoint [as runMain] (node:inte
    at node:internal/main/run_main_module:28:49 {
  code: 'MODULE_NOT_FOUND',
  requireStack: []
}

Node.js v20.18.2

(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo
$ cd myproject/

(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ ls -l
total 1
-rw-r--r-- 1 DELL 197121 75  3月 24 21:36 environment.yml

(base) DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ cat environment.yml
name: myproject
channels:
  - conda-forge
dependencies:
  - python=3.12
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
(myproject)
```



```
repo > myproject > main.py > ...
 1   import pandas as pd
 2
 3   print(pd.__version__)
 4
 5
 6   def main():
 7       print("Hello, conda!"
 8
 9
10   if __name__ == "__main__
11       main()
12
```

```
pytz                2024.1        pyho
setuptools          75.8.2        pyhf
six                 1.17.0        pyho
tbb                 2021.13.0     h6
tk                  8.6.13        h5
tzdata              2025b         h7
ucrt                10.0.22621.0  h5
vc                  14.3
vc14_runtime        14.42.34438   h5
wheel               0.45.1        h5
(myproject)
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
(myproject)
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ python main.py
2.2.3
Hello, conda!
(myproject)
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$
```

出现问题 2：单独输入第一行时，pd 报错无法保存。后在网站复制粘贴过来两段代码，成功运行。



```
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ curl -O https://edg.epa.gov/EPADataCommons/public/OA/EPA_SmartLocationDatabase_V3_Jan_2021_Final.csv
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  1  192M    1 3056k    0     0   7028      0  7:58:00  0:07:25  7:50:35  7427
```

```
DELL@DESKTOP-8NOG9O4 MINGW64 ~/repo/myproject
$ python main.py
7.82% of U.S. residents live in highlywalkable neighborhoods.
(myproject)
```

遇见问题 3：下载数据太大，时间太长，ctrl+c 停止下载。