Python 环境搭建

修订版本

Lennon2024.06.19

适用范围

采购中心：爬虫、查重

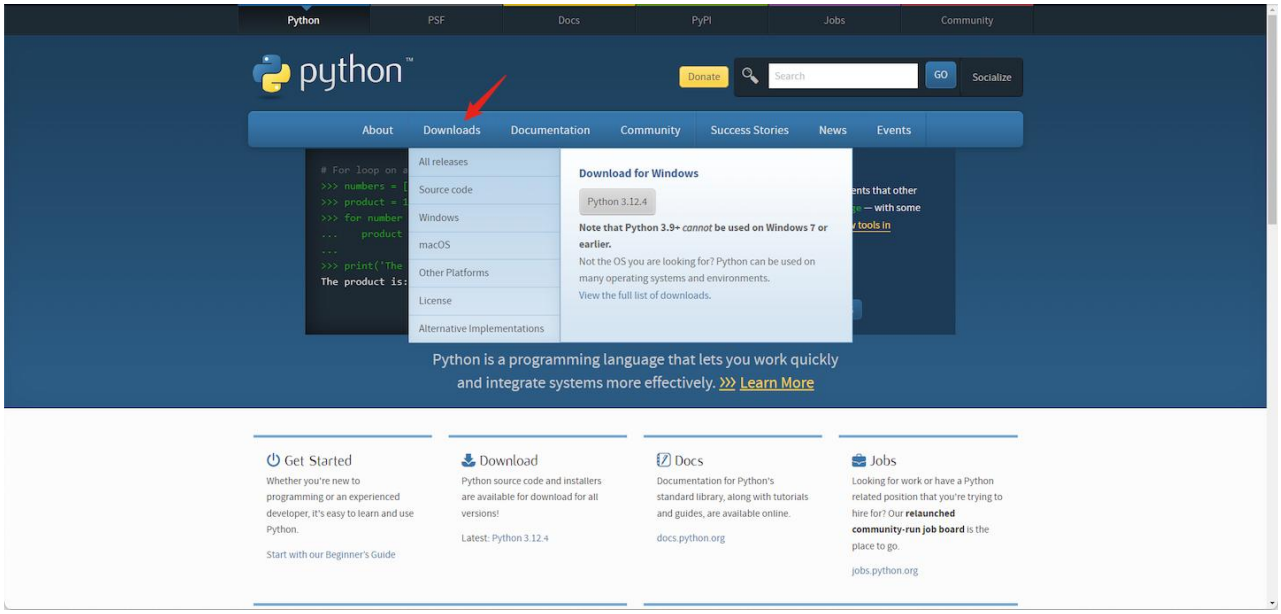
营销一部 - Ebay 组：断货

目录

1. Python 下载和安装 2
2. 虚拟环境 4
3. Jupyter Notebook 6
4. 每次使用 7

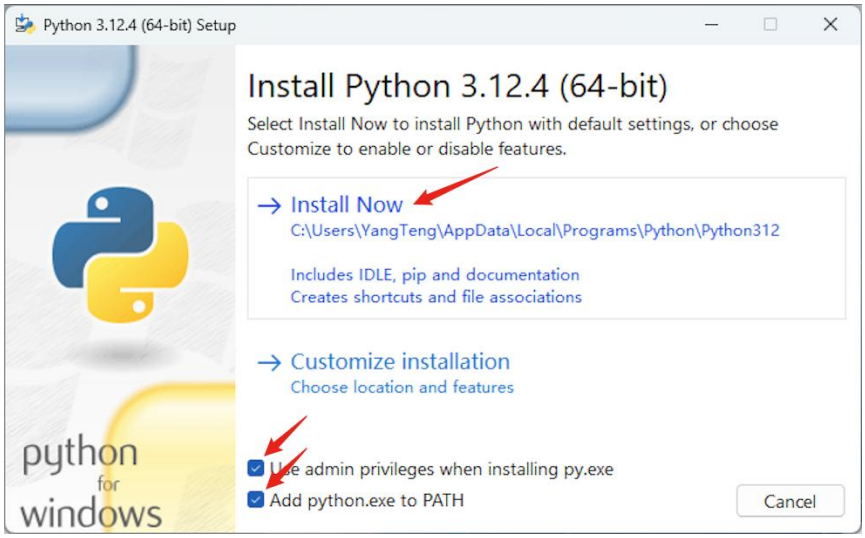
1. Python 下载和安装

1.1. 打开 Python 的官方网址 Welcome to Python.org

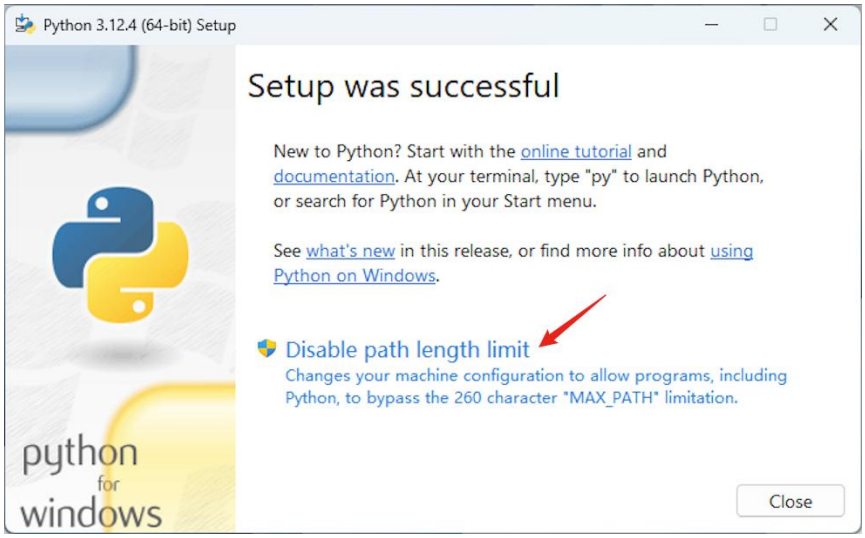


1.2. 根据实际需要下载相应的“安装程序” （一般选择 Windows installer (64-bit)）

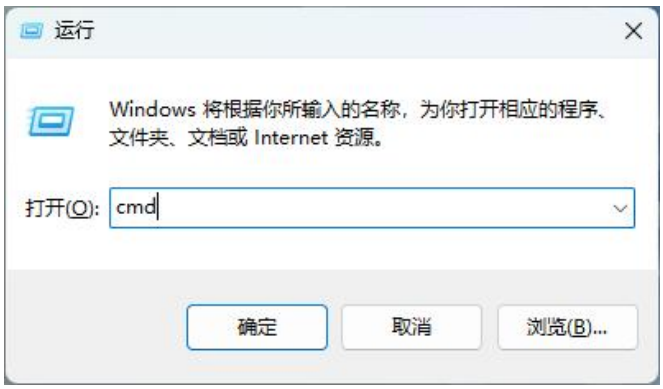
1.3. 运行下载好的“安装程序”， 确认选中下方的复选框，然后点击“Install Now”



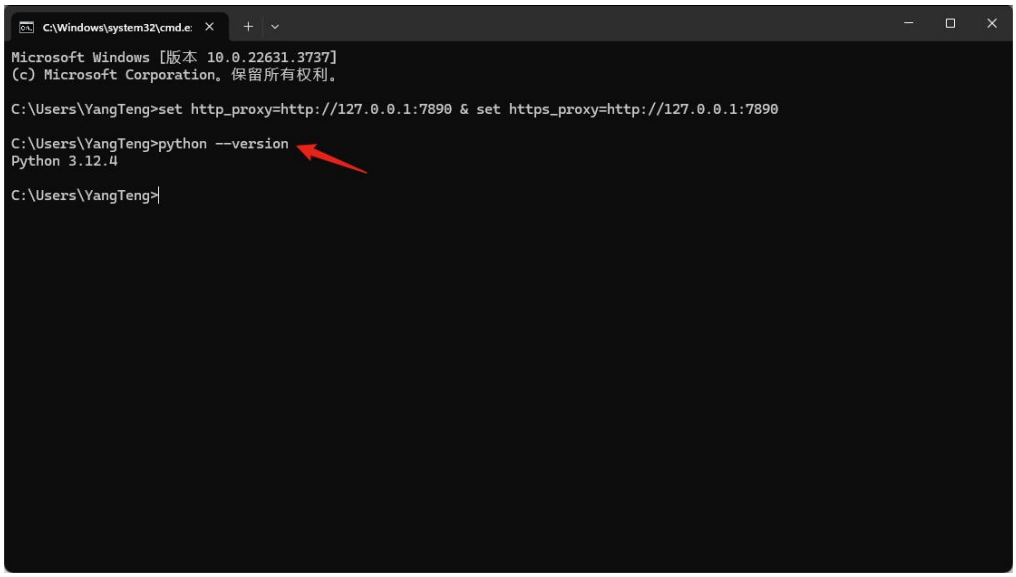
1.4. 点击“Disable path length limit”取消路径长度限制



1.5. 快捷键“WIN+R”打开系统的“运行”窗口，输入“cmd”打开“命令提示符”窗口

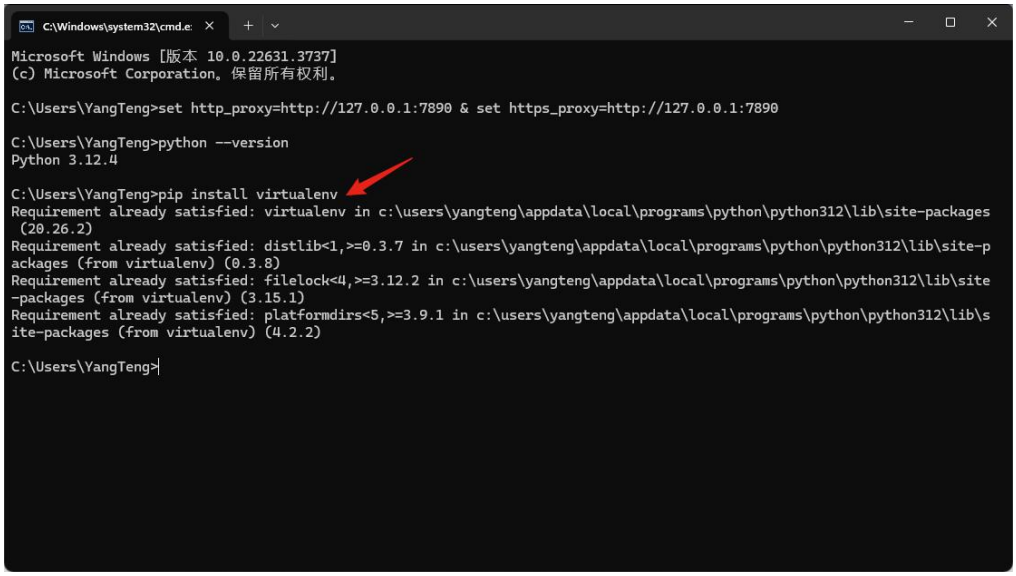


1.6. 输入“python --version”查看是否安装成功

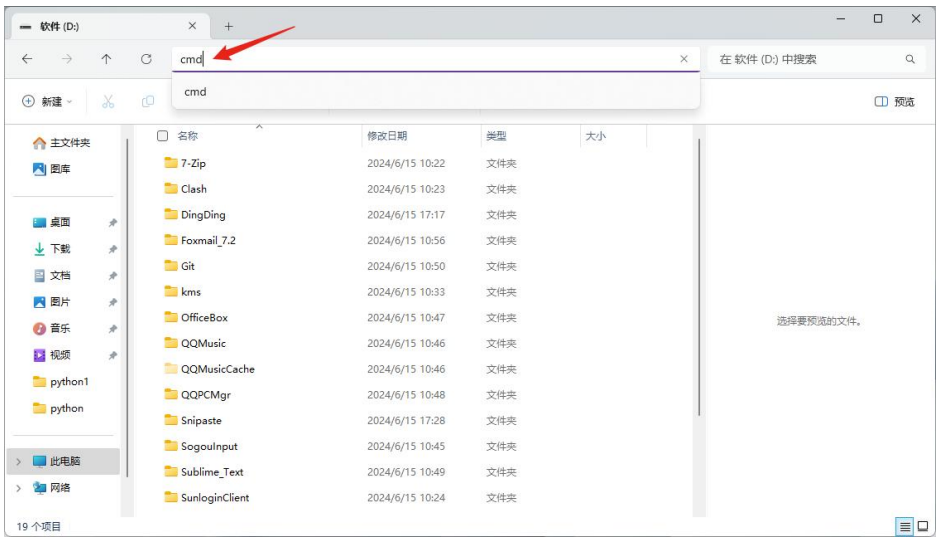


2. 虚拟环境

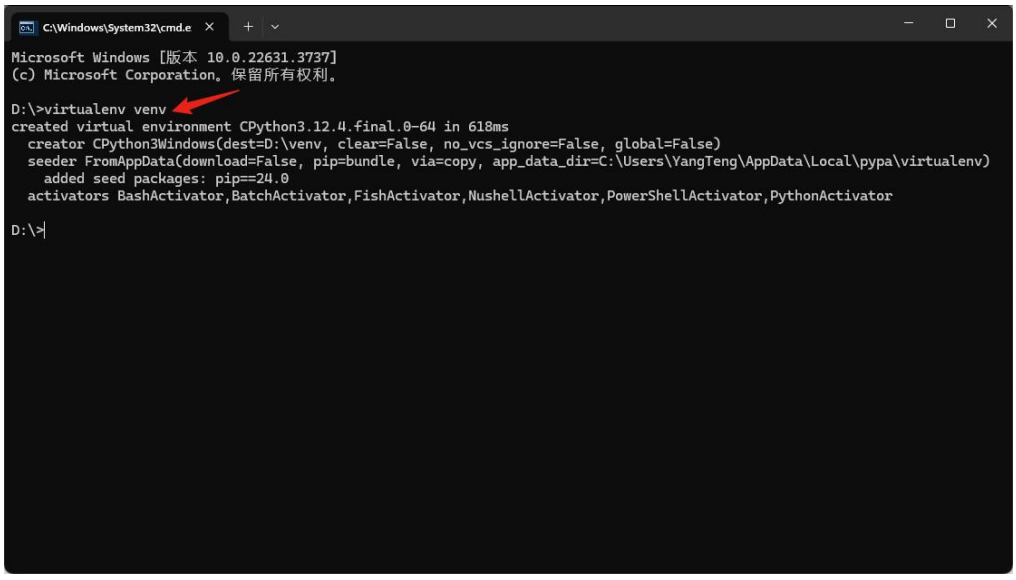
2.1. 输入“pip install virtualenv”下载安装“虚拟环境包”

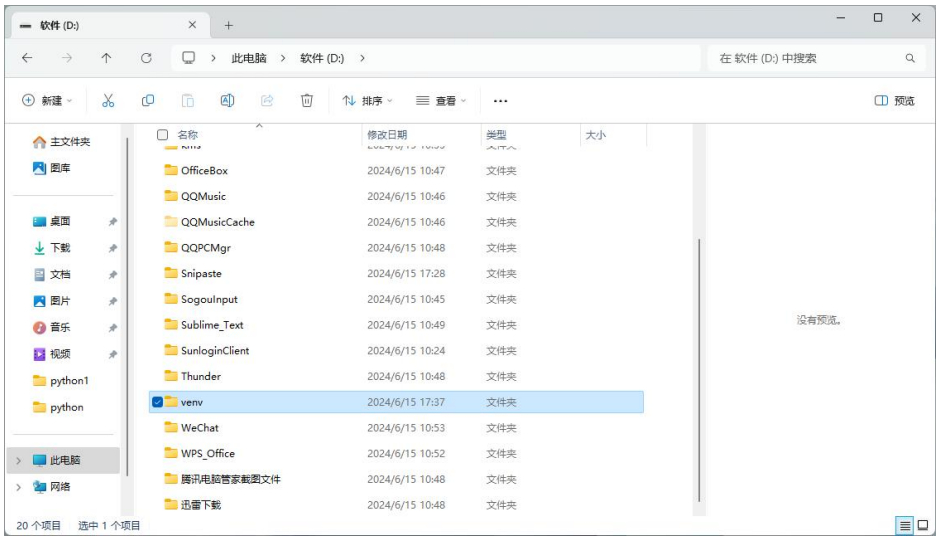


2.2. 选定一个路径，然后打开“命令提示符”窗口

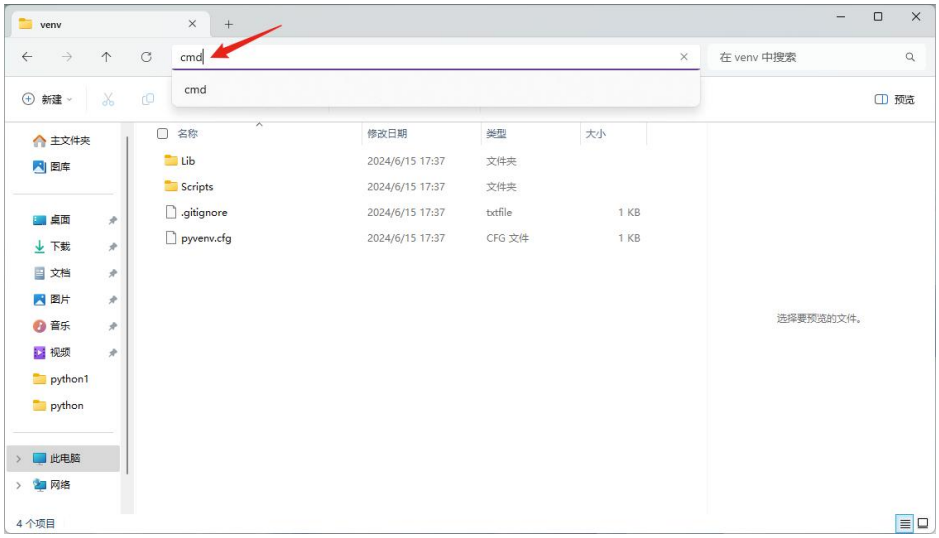


2.3. 输入“virtualenv venv”创建一个名为“venv”的虚拟环境

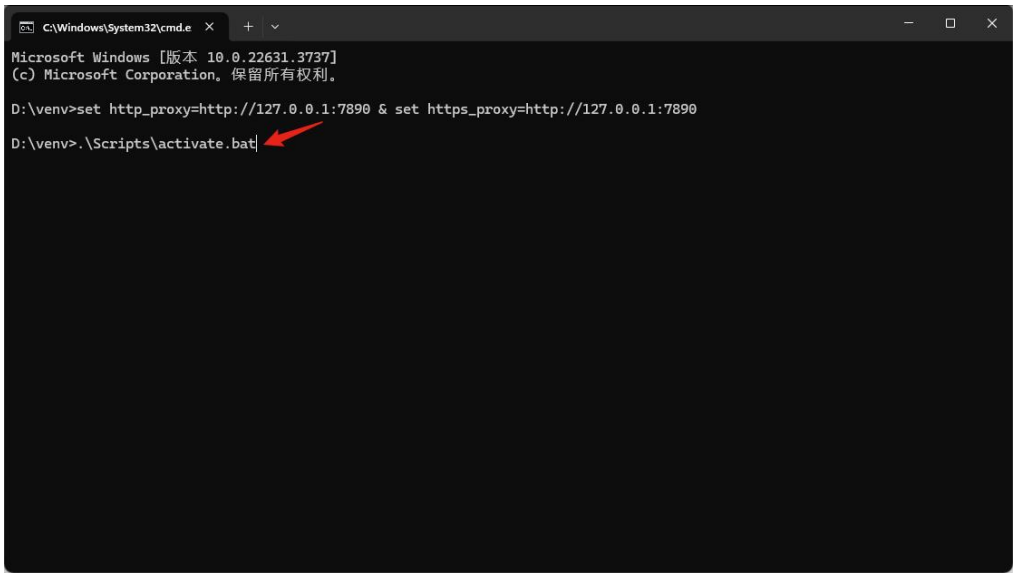




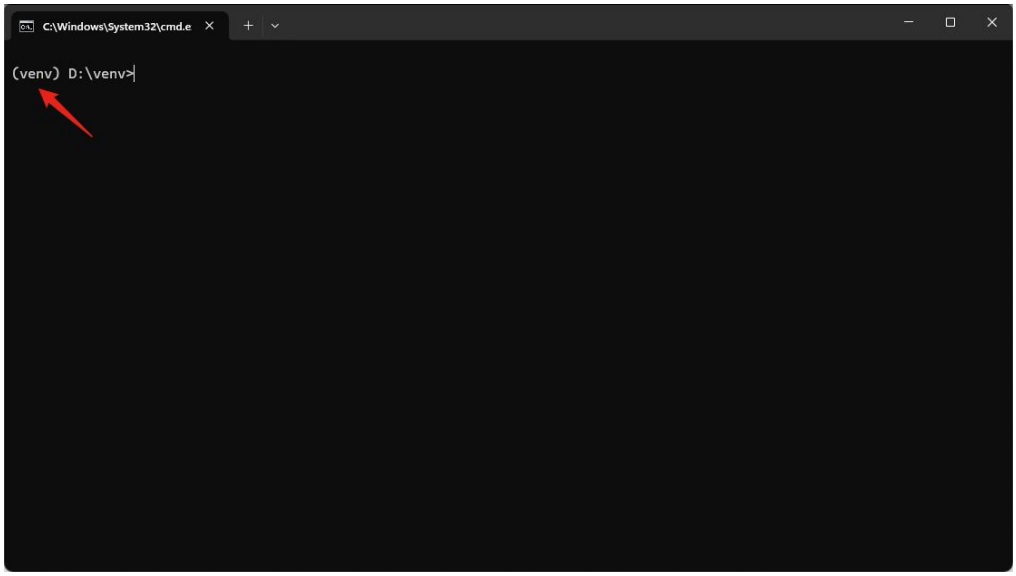
2.4. 进入虚拟环境的路径，然后打开“命令提示符”窗口



2.5. 输入“.\Scripts\activate.bat”激活虚拟环境

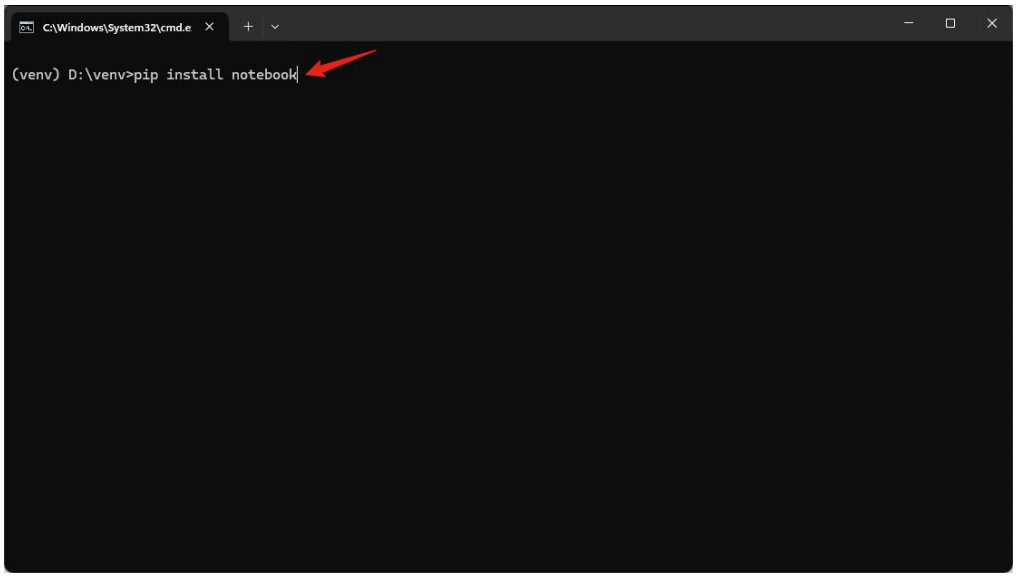


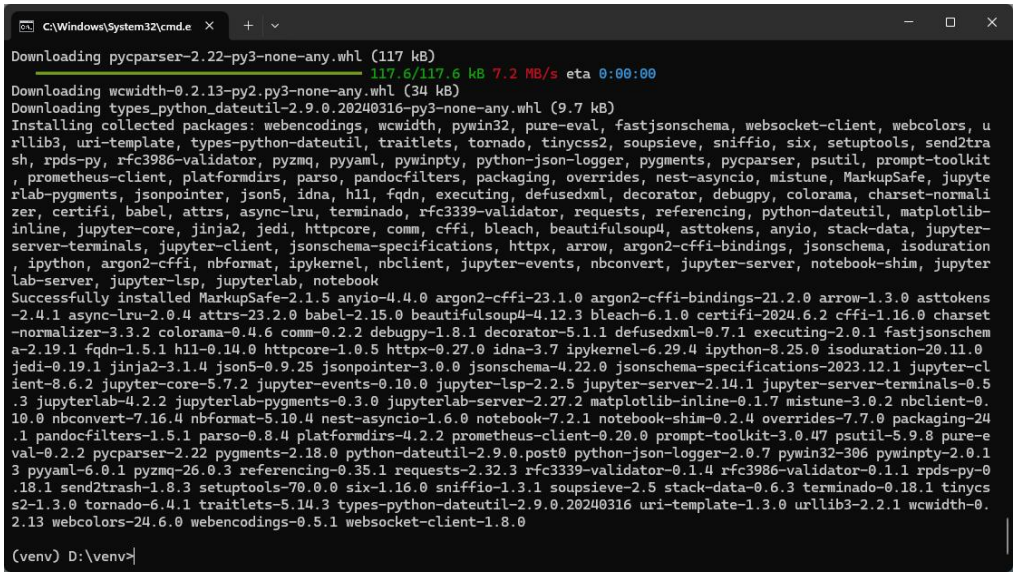
2.6. “命令提示符”窗口增加了“venv”前缀，表示当前处于名为“venv”的 Python 环境，即虚拟环境激活成功



3. Jupyter Notebook

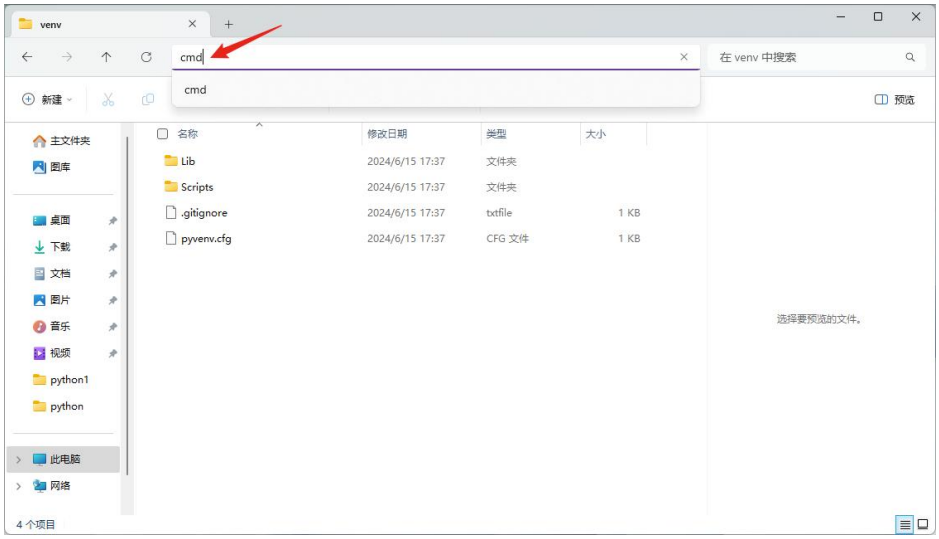
3.1. 在虚拟环境中输入“pip install notebook”下载安装“Jupyter Notebook 包”

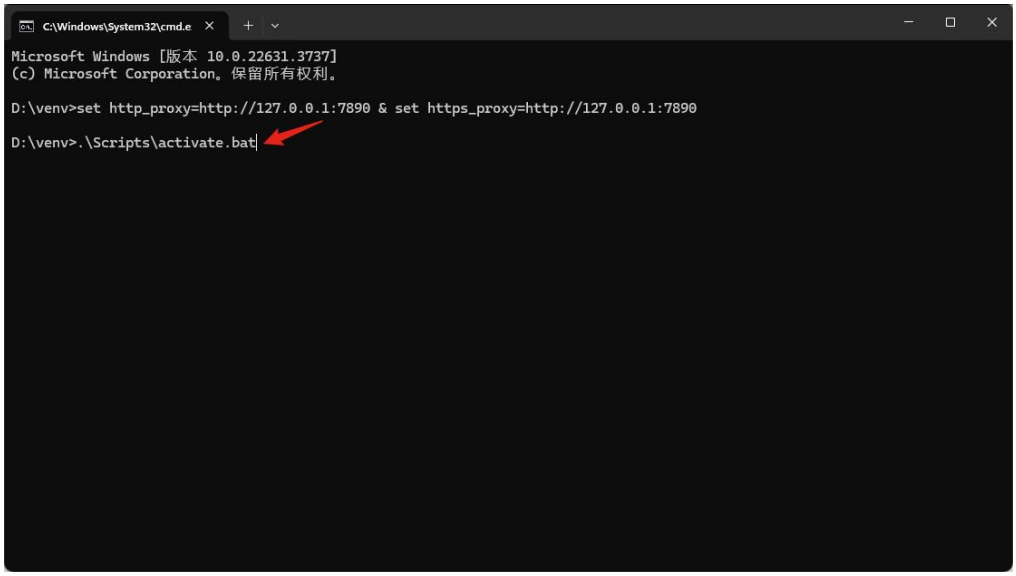




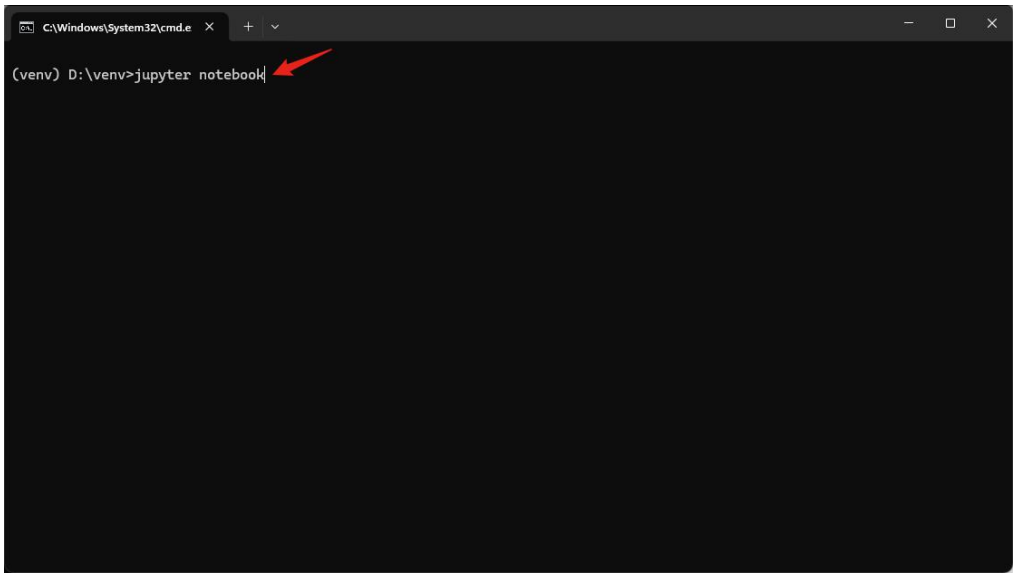
4. 每次使用

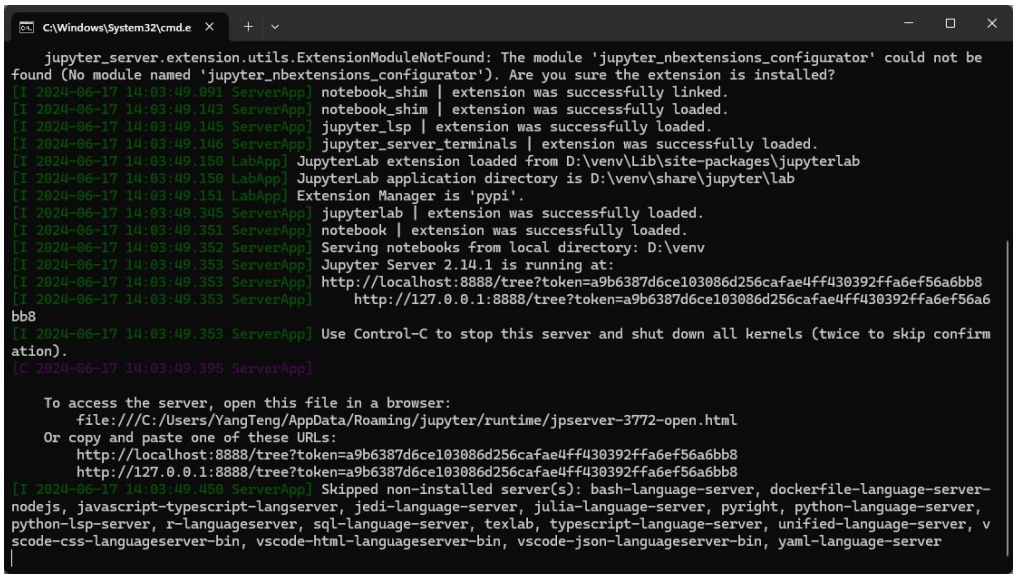
4.1. 激活虚拟环境

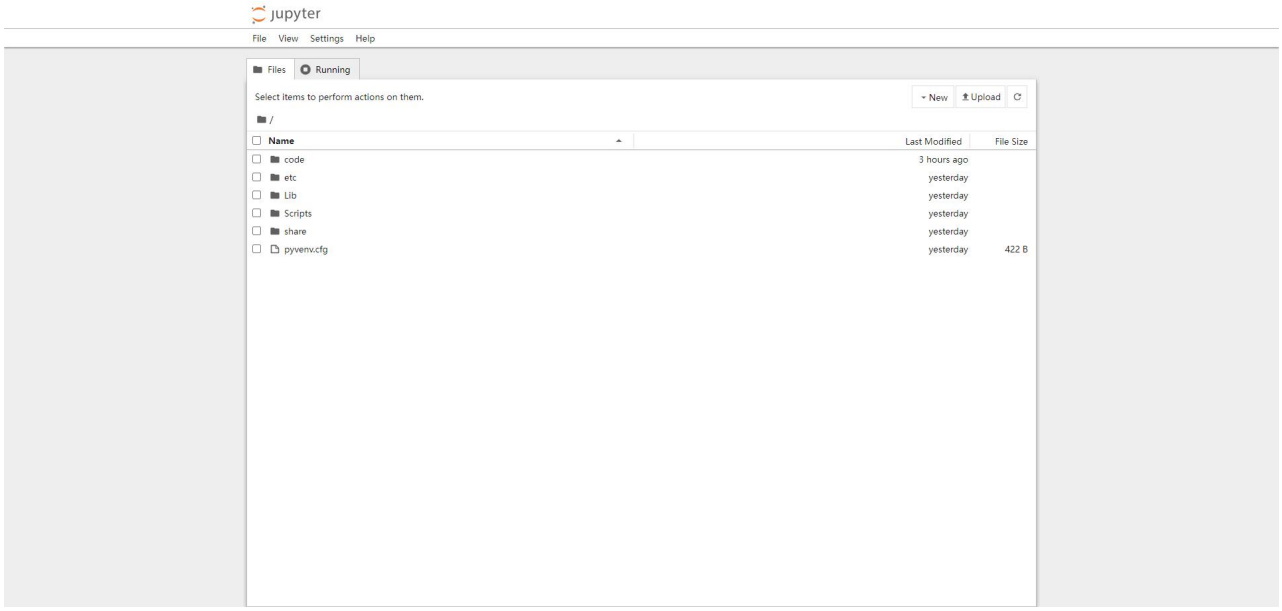




4.2. 输入“jupyter notebook”打开 Jupyter Notebook




C:\Windows\System32\cmd.e
jupyter_server.extension.utils.ExtensionModuleNotFound: The module 'jupyter_nbextensions_configurator' could not be found (No module named 'jupyter_nbextensions_configurator'). Are you sure the extension is installed?
[I 2024-06-17 14:03:49.091 ServerApp] notebook_shim | extension was successfully linked.
[I 2024-06-17 14:03:49.143 ServerApp] notebook_shim | extension was successfully loaded.
[I 2024-06-17 14:03:49.145 ServerApp] jupyter_lsp | extension was successfully loaded.
[I 2024-06-17 14:03:49.146 ServerApp] jupyter_server_terminals | extension was successfully loaded.
[I 2024-06-17 14:03:49.150 LabApp] JupyterLab extension loaded from D:\venv\Lib\site-packages\jupyterlab
[I 2024-06-17 14:03:49.150 LabApp] JupyterLab application directory is D:\venv\share\jupyter\lab
[I 2024-06-17 14:03:49.151 LabApp] Extension Manager is 'pypi'.
[I 2024-06-17 14:03:49.345 ServerApp] jupyterlab | extension was successfully loaded.
[I 2024-06-17 14:03:49.351 ServerApp] notebook | extension was successfully loaded.
[I 2024-06-17 14:03:49.352 ServerApp] Serving notebooks from local directory: D:\venv
[I 2024-06-17 14:03:49.353 ServerApp] Jupyter Server 2.14.1 is running at:
[I 2024-06-17 14:03:49.353 ServerApp] http://localhost:8888/tree?token=a9b6387d6ce103086d256cafae4ff430392ffa6ef56a6bb8
[I 2024-06-17 14:03:49.353 ServerApp] http://127.0.0.1:8888/tree?token=a9b6387d6ce103086d256cafae4ff430392ffa6ef56a6bb8
[I 2024-06-17 14:03:49.353 ServerApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 2024-06-17 14:03:49.395 ServerApp]
To access the server, open this file in a browser:
file:///C:/Users/YangTeng/AppData/Roaming/jupyter/runtime/jpserver-3772-open.html
Or copy and paste one of these URLs:
http://localhost:8888/tree?token=a9b6387d6ce103086d256cafae4ff430392ffa6ef56a6bb8
http://127.0.0.1:8888/tree?token=a9b6387d6ce103086d256cafae4ff430392ffa6ef56a6bb8
[I 2024-06-17 14:03:49.450 ServerApp] Skipped non-installed server(s): bash-language-server, dockerfile-language-server-nodejs, javascript-typescript-langserver, jedi-language-server, julia-language-server, pyright, python-language-server, python-lsp-server, r-languageserver, sql-language-server, texlab, typescript-language-server, unified-language-server, vscode-css-languageserver-bin, vscode-html-languageserver-bin, vscode-json-languageserver-bin, yaml-language-server


jupyter
File View Settings Help
Files
Running
Select items to perform actions on them.
New
Upload
/
Name
Last Modified
File Size
code
3 hours ago
etc
yesterday
Lib
yesterday
Scripts
yesterday
share
yesterday
pyvenv.cfg
yesterday
422 B