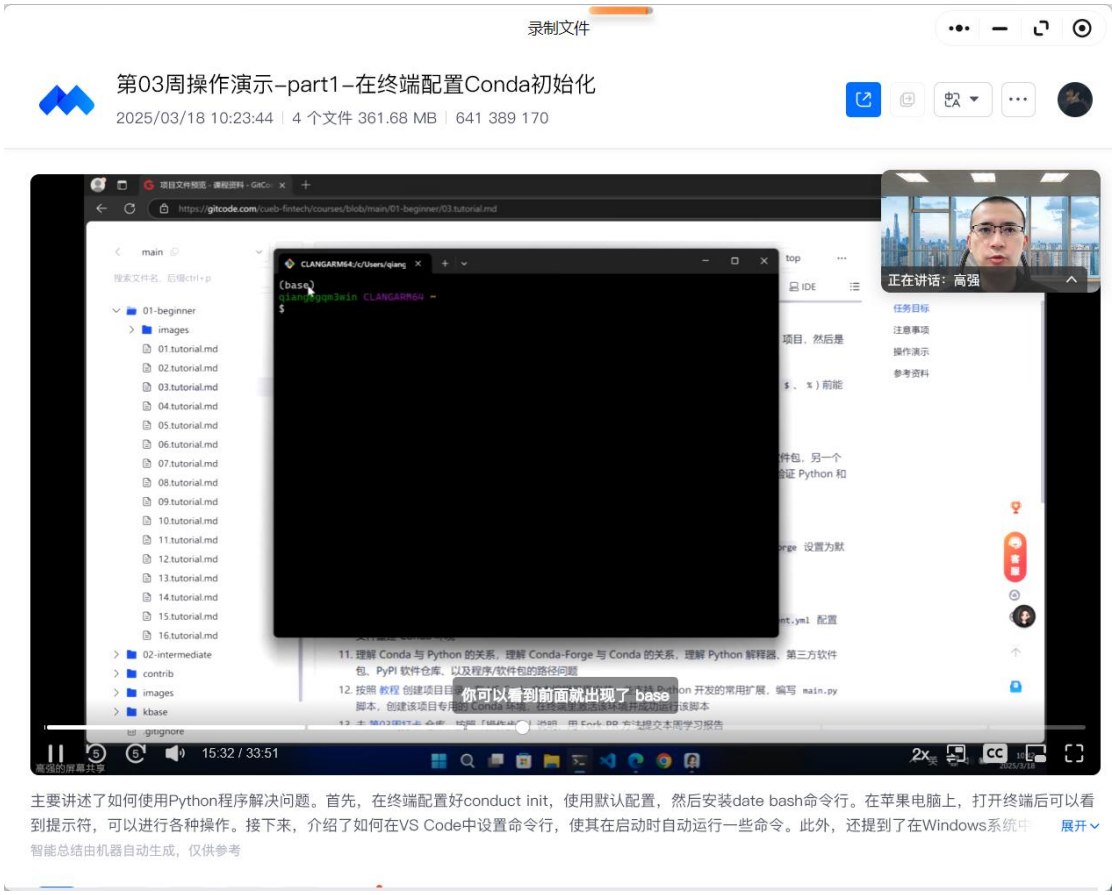
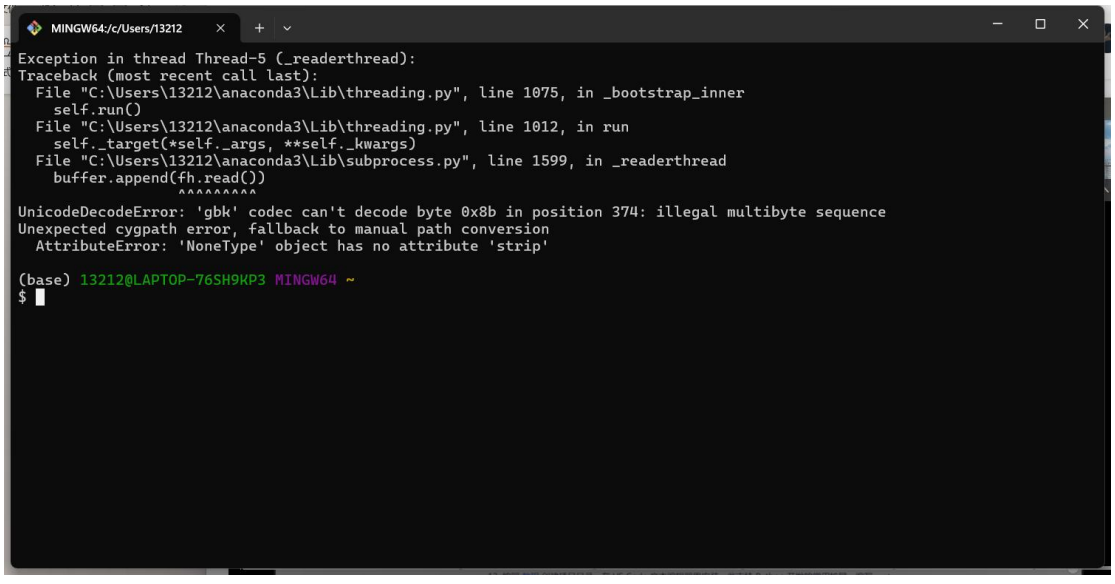
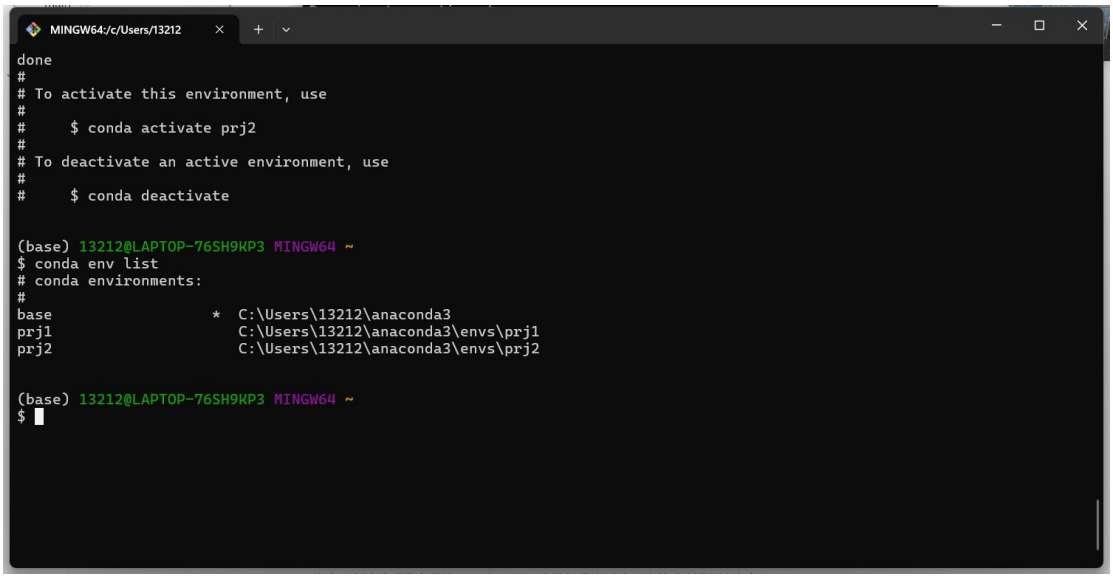
任务 1


录制文件
第03周操作演示-part1-在终端配置Conda初始化
2025/03/18 10:23:44 | 4 个文件 361.68 MB | 641 389 170
正在讲话：高强
你可以看到前面就出现了 base
15:32 / 33:51
主要讲述了如何使用Python程序解决问题。首先，在终端配置好conduct init，使用默认配置，然后安装date bash命令行。在苹果电脑上，打开终端后可以看到提示符，可以进行各种操作。接下来，介绍了如何在VS Code中设置命令行，使其在启动时自动运行一些命令。此外，还提到了在Windows系统中
展开
智能总结由机器自动生成，仅供参考

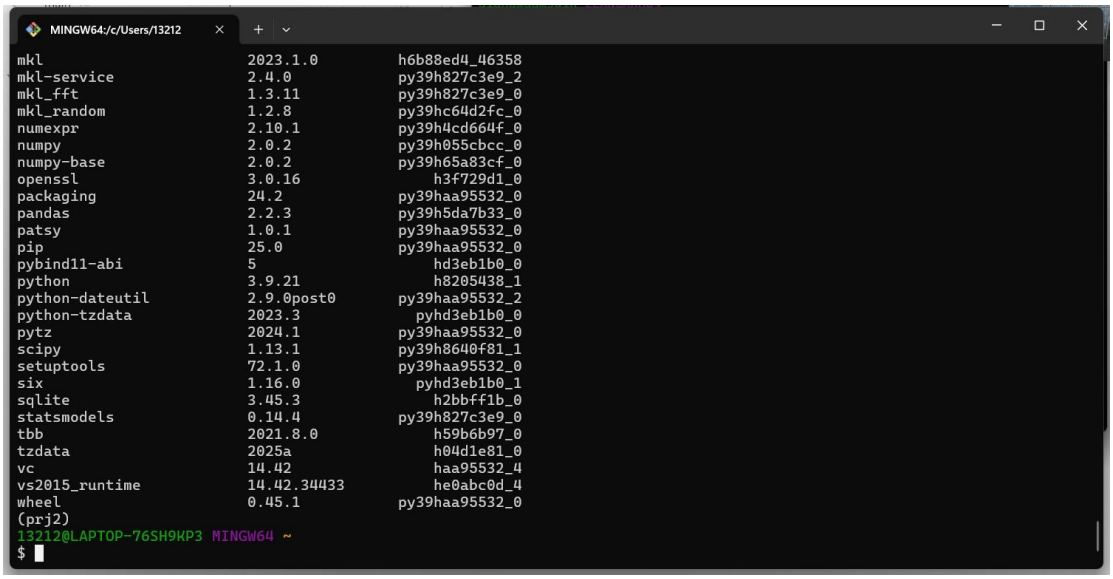

MINGW64:/c/Users/13212
Exception in thread Thread-5 (_readerthread):
Traceback (most recent call last):
File "C:\Users\13212\anaconda3\Lib\threading.py", line 1075, in _bootstrap_inner
self.run()
File "C:\Users\13212\anaconda3\Lib\threading.py", line 1012, in run
self._target(*self._args, **self._kwargs)
File "C:\Users\13212\anaconda3\Lib\subprocess.py", line 1599, in _readerthread
buffer.append(fh.read())
UnicodeDecodeError: 'gbk' codec can't decode byte 0x8b in position 374: illegal multibyte sequence
Unexpected cygpath error, fallback to manual path conversion
AttributeError: 'NoneType' object has no attribute 'strip'
(base) 13212@LAPTOP-76SH9KP3 MINGW64 ~
$

成功完成初始化

任务 2

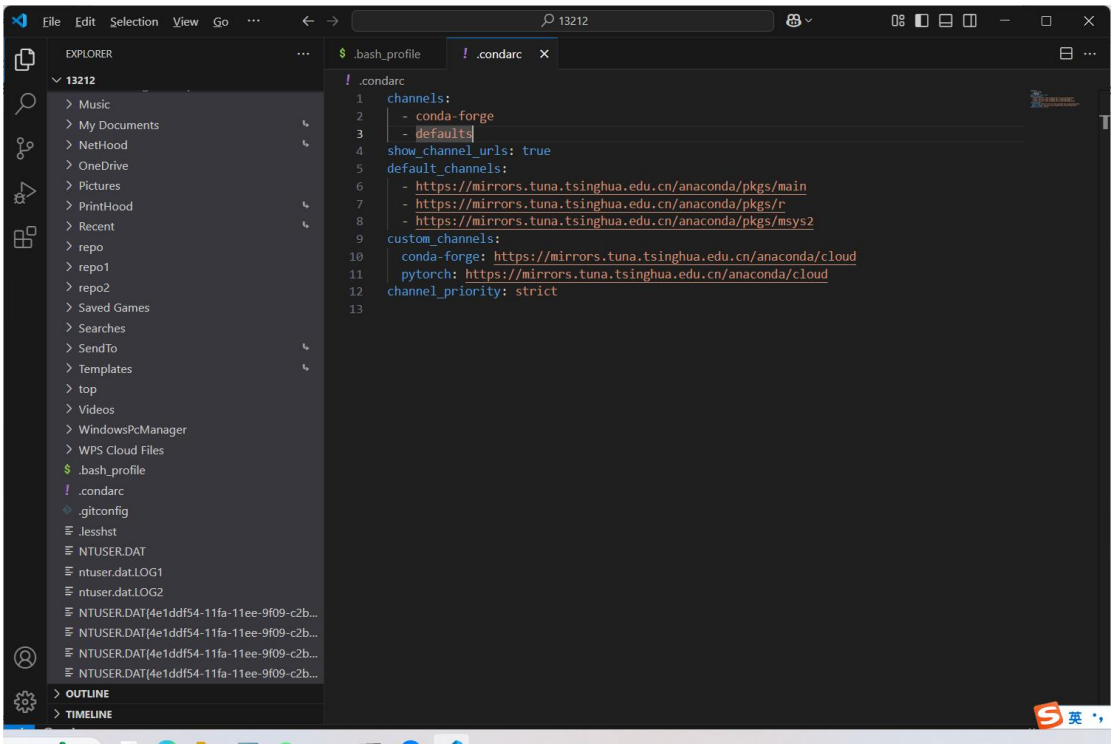


安装 python3.12 与 python3.9 查看

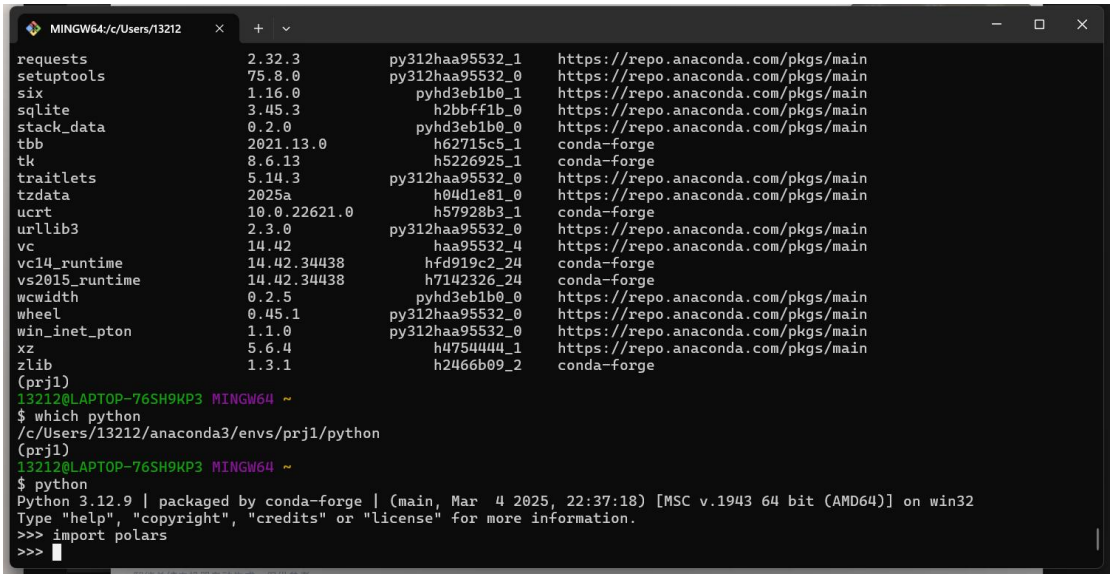


查看 conda 的软件包

任务 3

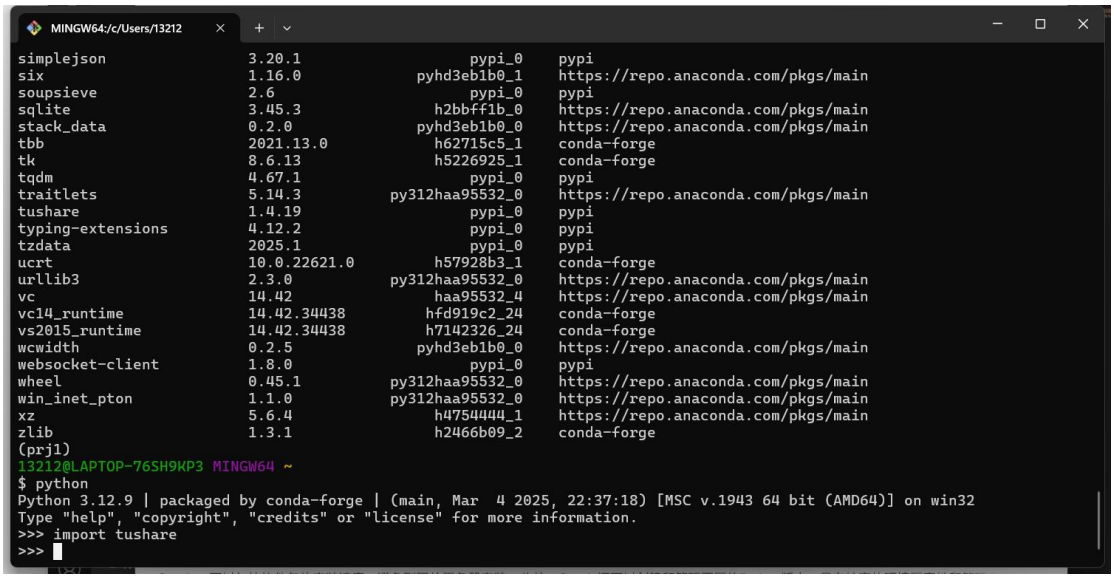


配置清华园镜像



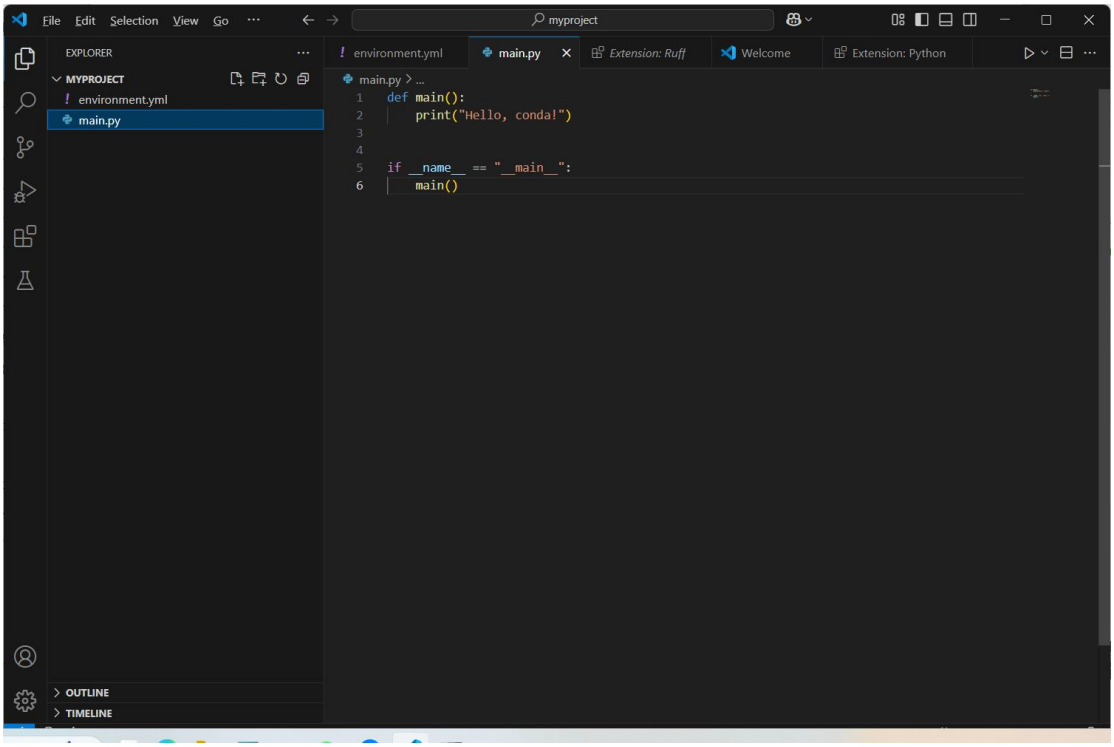
安装 polars 软件包

任务 4

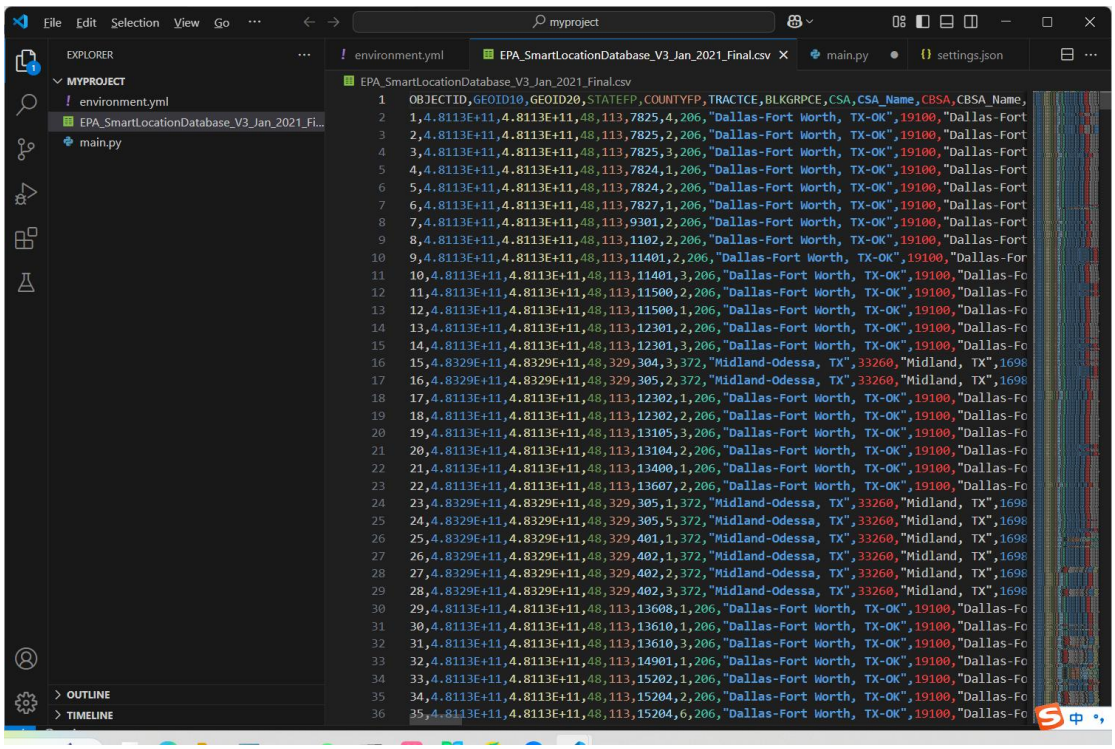


利用清华镜像源安装 tushare

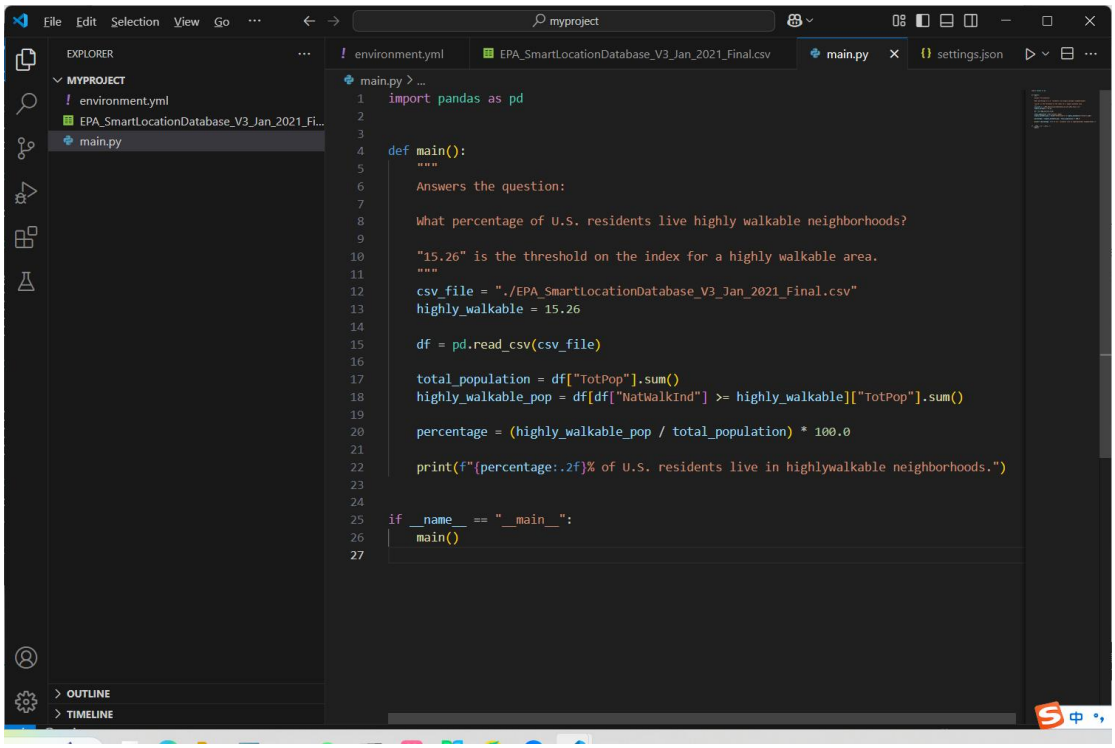
任务 5



编写 python 程序


File Edit Selection View Go
myproject
EXPLORER
MYPROJECT
environment.yml
EPA_SmartLocationDatabase_V3_Jan_2021_Fi...
main.py
environment.yml
EPA_SmartLocationDatabase_V3_Jan_2021_Final.csv
main.py
settings.json
OUTLINE
TIMELINE

成功运行脚本


File Edit Selection View Go
myproject
EXPLORER
MYPROJECT
environment.yml
EPA_SmartLocationDatabase_V3_Jan_2021_Fi...
main.py
environment.yml
EPA_SmartLocationDatabase_V3_Jan_2021_Final.csv
main.py
settings.json
main.py > ...
import pandas as pd
def main():
"""
Answers the question:
What percentage of U.S. residents live highly walkable neighborhoods?
"15.26" is the threshold on the index for a highly walkable area.
"""
csv_file = "./EPA_SmartLocationDatabase_V3_Jan_2021_Final.csv"
highly_walkable = 15.26
df = pd.read_csv(csv_file)
total_population = df["TotPop"].sum()
highly_walkable_pop = df[df["NatWalkInd"] >= highly_walkable]["TotPop"].sum()
percentage = (highly_walkable_pop / total_population) * 100.0
print(f"{percentage:.2f}% of U.S. residents live in highlywalkable neighborhoods.")
if __name__ == "__main__":
main()
OUTLINE
TIMELINE