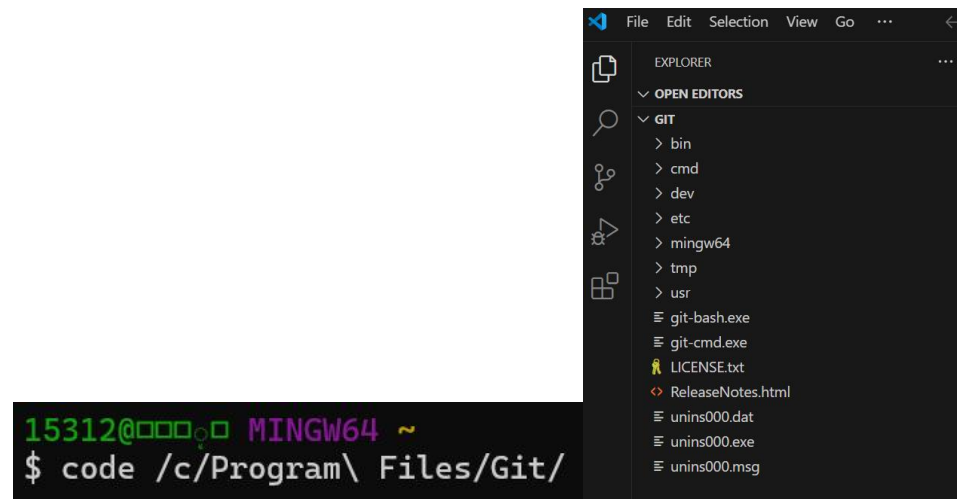


一、终端 Conda 初始化



Conda init bash 指令运行后

```
(base)
15312@MINGW64 ~
$
```

调整相关代码后结果

```
(base) 15312@MINGW64 ~
$ pwd
/c/Users/15312
```

二、Conda 环境配置（路径：F:\Anconda\envs）

环境 1 名称 py12

安装内容 python3.12; requests

```
(base) 15312@MINGW64 ~
$ conda create -n py12 python=3.12 requests
```

环境 2 名称 py9

安装内容 python3.9; pandas; statsmodels

```
(base) 15312@MINGW64 ~
$ conda create -n py9 python=3.9 pandas statsmodels
```

如何进入环境的 python

```
(base) 15312@MINGW64 ~
$ conda activate py12
```

如何退出：quit（）

版本相关：

```
>>> pandas.__version__
'2.2.3'
>>> statsmodels.__version__
'0.14.4'
```

如何在环境内安装其他软件包：conda install ""

回到 base 环境

```
15312@MINGW64 ~  
$ conda deactivate
```

三、Conda 环境配置的导出与重建

environment.yml 配置文件重建 Conda 环境出现严重错误，目前没有任何解决办法，第四周解决后继续后续工作。

经周一与老师探讨，由于数据包下载源问题导致重建 conda 环境出现报错，调整代码后已可以重建，继续后续操作。

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

```
settings.json  main.py  X  
main.py > ...  
1  import pandas as pd  
2  
3  
4  def main():  
5      """  
6      Answers the question:  
7  
8      What percentage of U.S. residents live highly walkable neighborhoods?  
9  
10     "15.26" is the threshold on the index for a highly walkable area.  
11     """  
12     csv_file = "../EPA_SmartLocationDatabase_V3_Jan_2021_Final.csv"  
13     highly_walkable = 15.26  
14  
15     df = pd.read_csv(csv_file)  
16  
17     total_population = df["TotPop"].sum()  
18     highly_walkable_pop = df[df["NatWalkInd"] >= highly_walkable]["TotPop"].sum()  
19  
20     percentage = (highly_walkable_pop / total_population) * 100.0  
21  
22     print(f"{percentage:.2f}% of U.S. residents live in highlywalkable neighborhoods.")  
23  
24  
25 if __name__ == "__main__":  
26     main()  
27
```

```
15312@MINGW64 ~/repo/myproject  
$ python main.py  
10.69% of U.S. residents live in highlywalkable neighborhoods.  
(myproject)
```