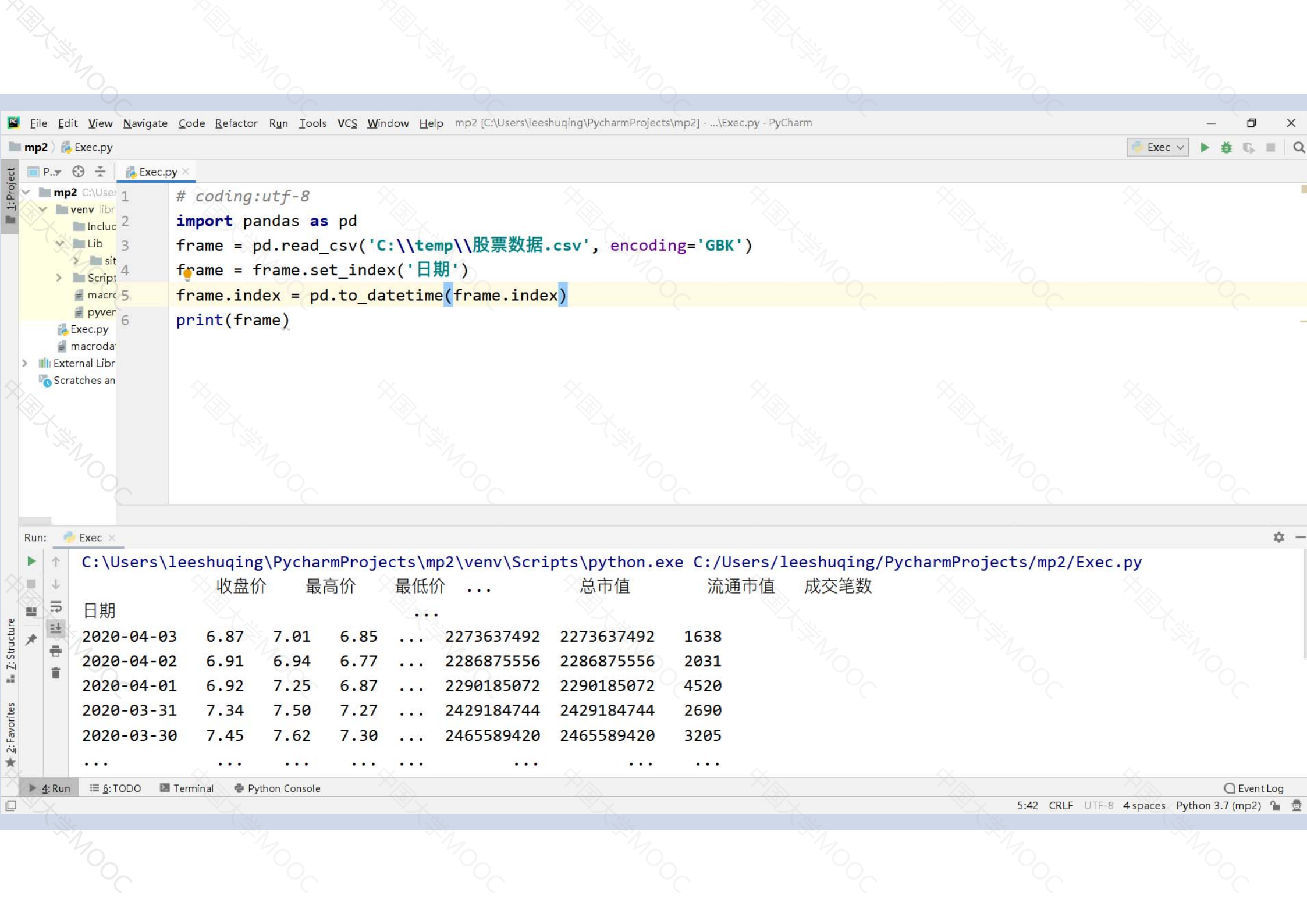


Python大数据分析

一、数据可视化基本方法



```
# coding:utf-8
import pandas as pd
frame = pd.read_csv('C:\\temp\\股票数据.csv', encoding='GBK')
frame = frame.set_index('日期')
frame.index = pd.to_datetime(frame.index)
print(frame)
```

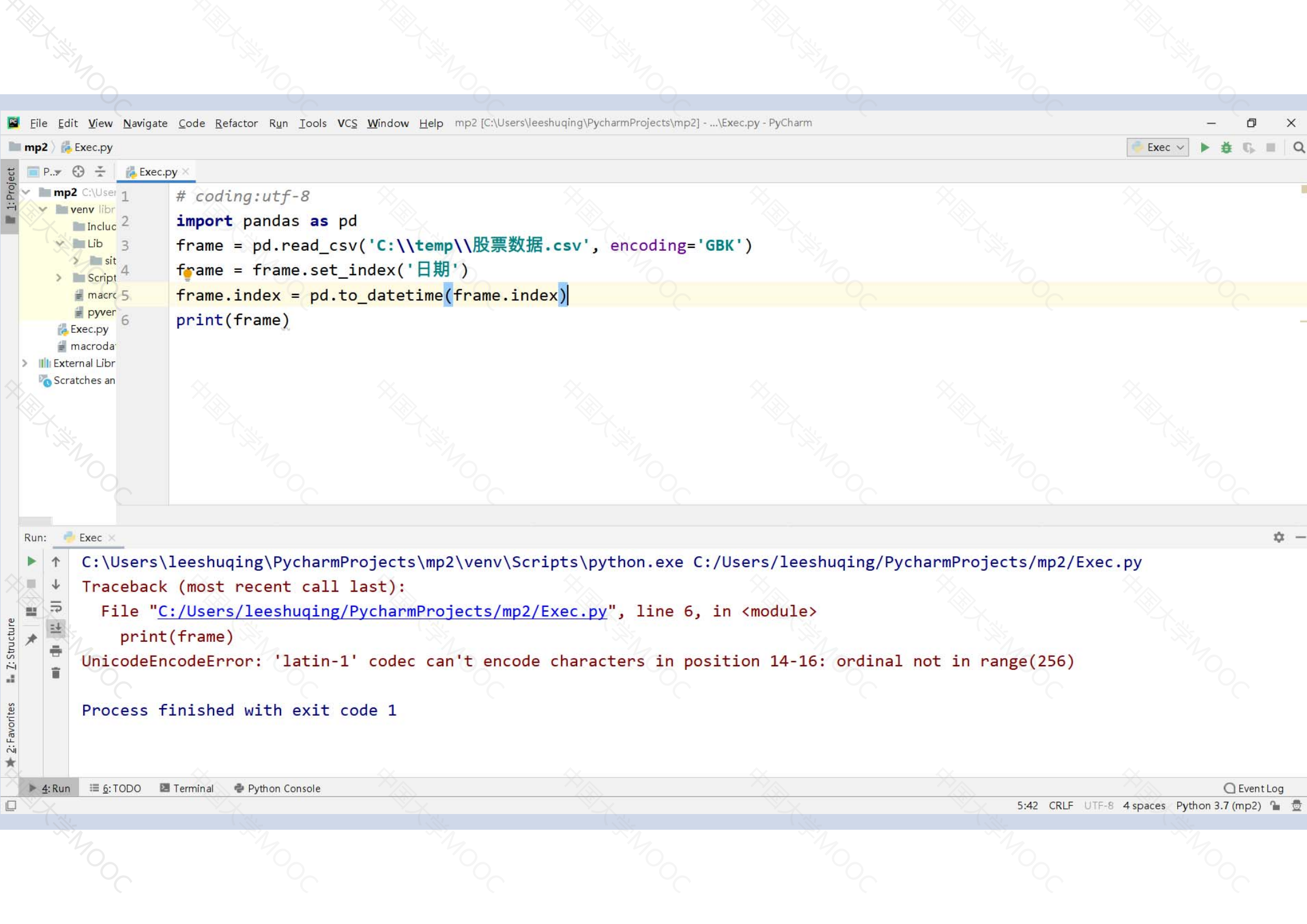
Run: Exec

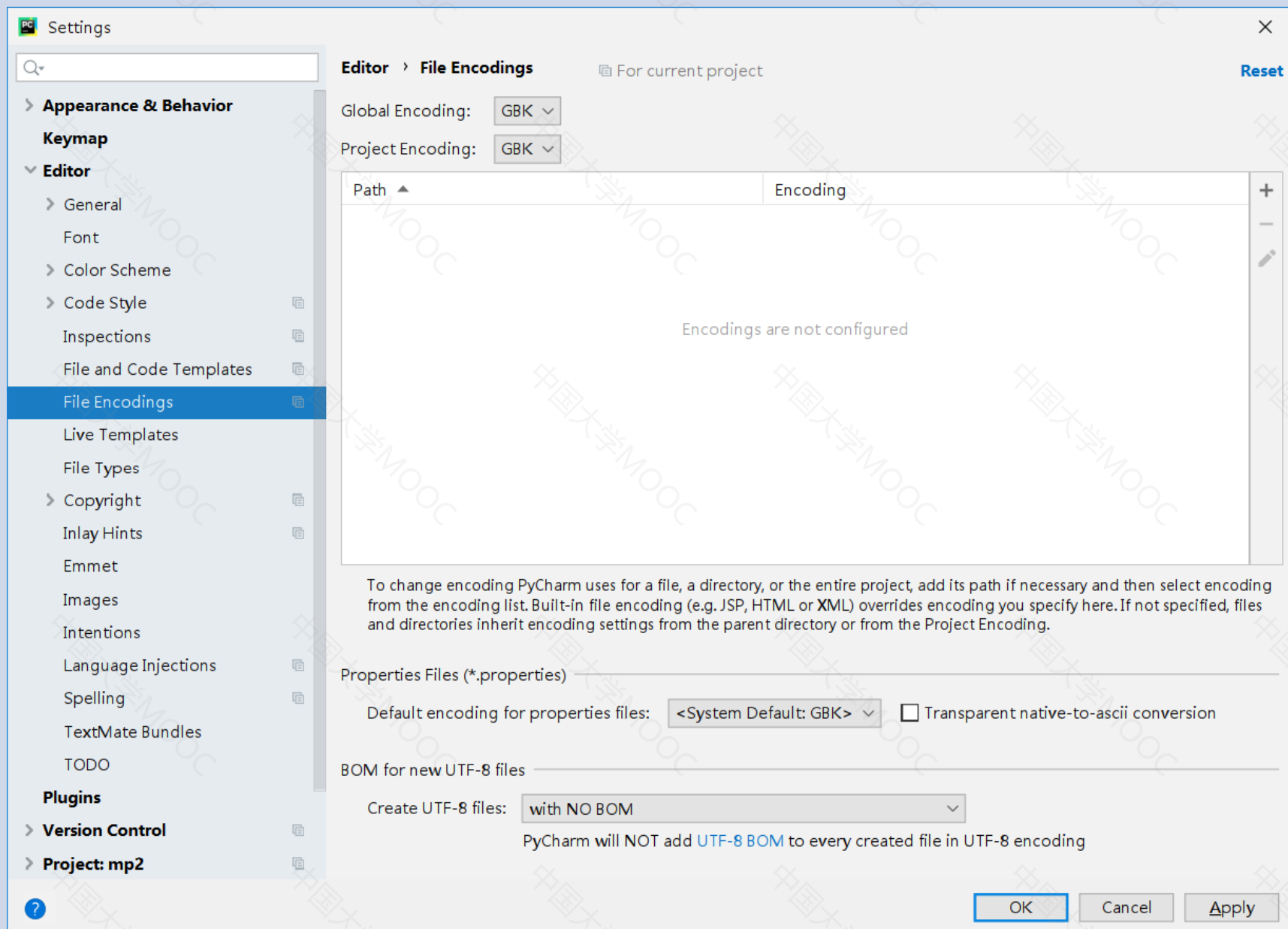
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py

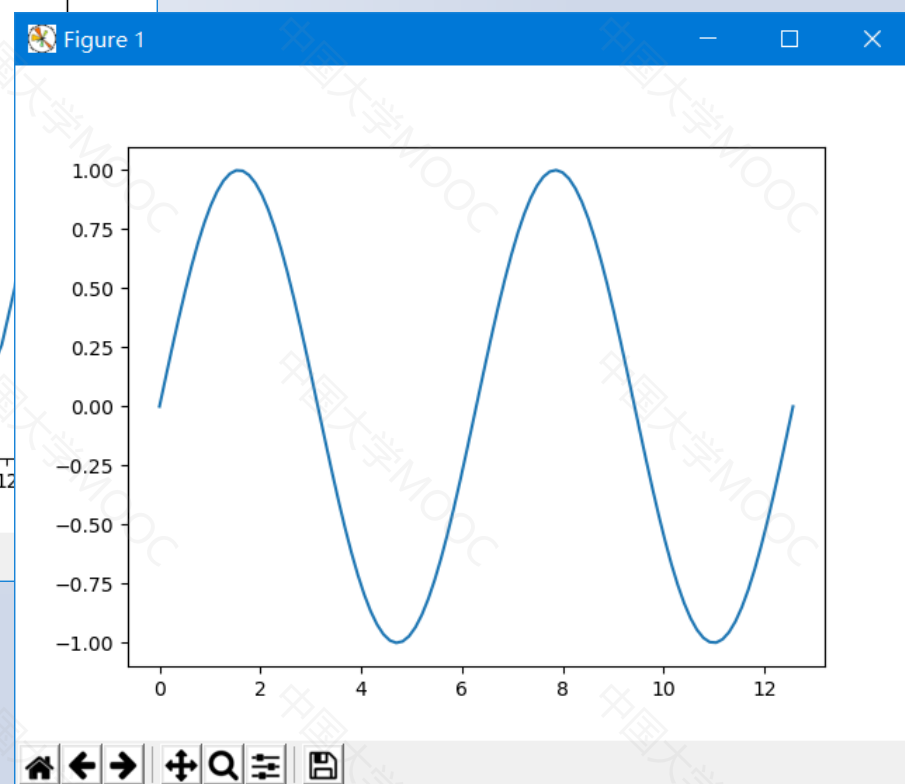
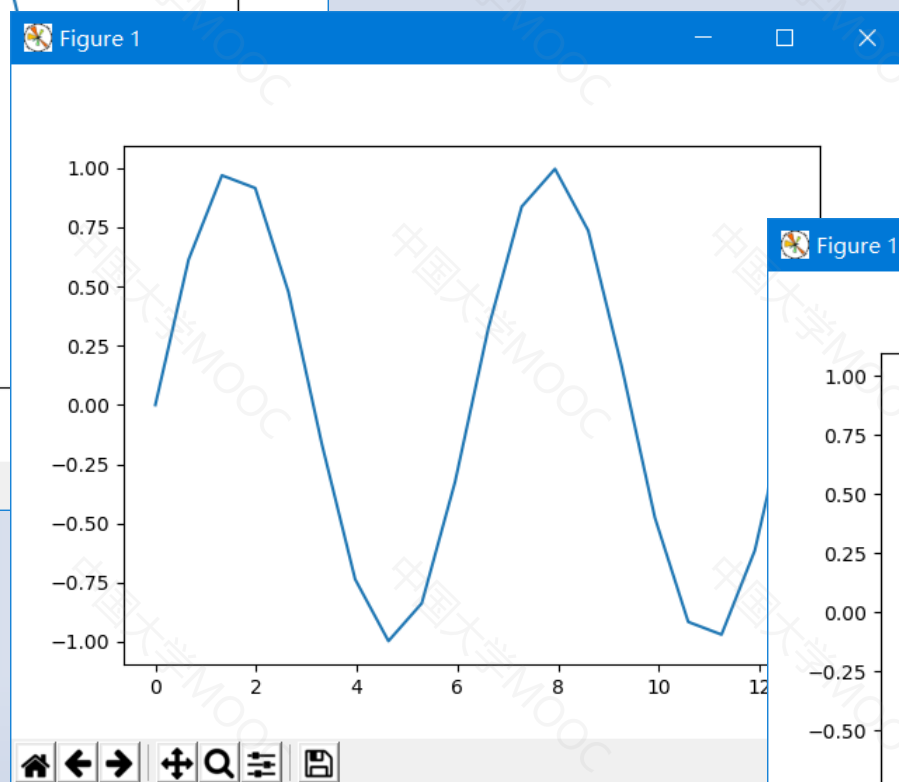
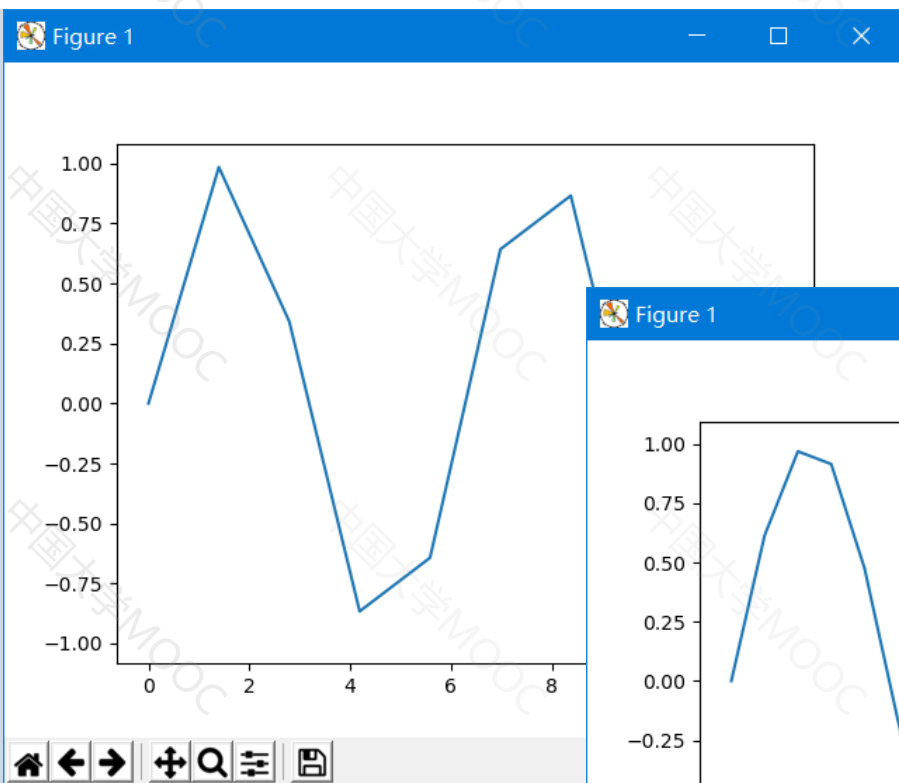
	收盘价	最高价	最低价	...	总市值	流通市值	成交笔数
日期				...			
2020-04-03	6.87	7.01	6.85	...	2273637492	2273637492	1638
2020-04-02	6.91	6.94	6.77	...	2286875556	2286875556	2031
2020-04-01	6.92	7.25	6.87	...	2290185072	2290185072	4520
2020-03-31	7.34	7.50	7.27	...	2429184744	2429184744	2690
2020-03-30	7.45	7.62	7.30	...	2465589420	2465589420	3205
...

4: Run | TODO | Terminal | Python Console

5:42 CRLF UTF-8 4 spaces Python 3.7 (mp2) | Event Log







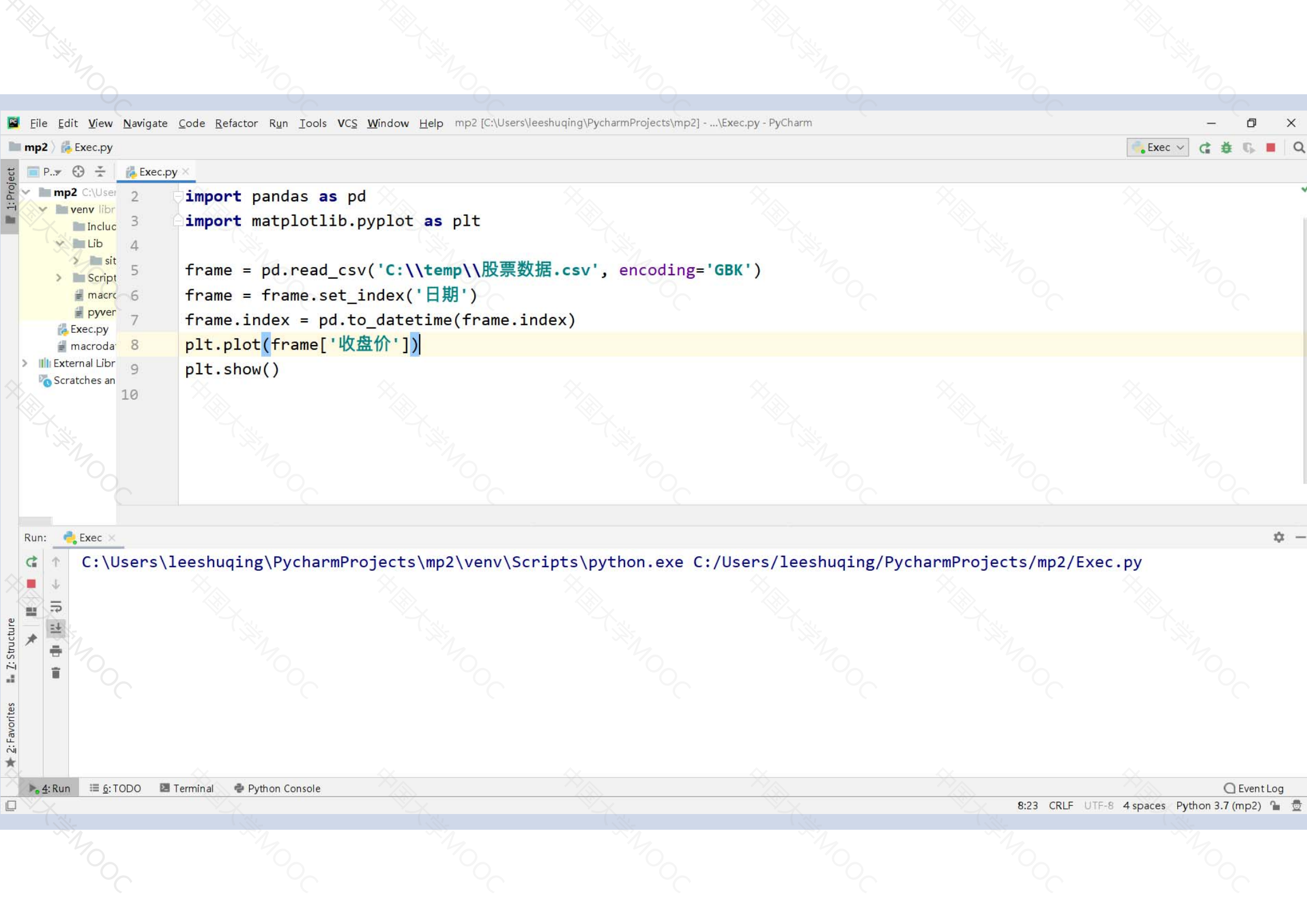
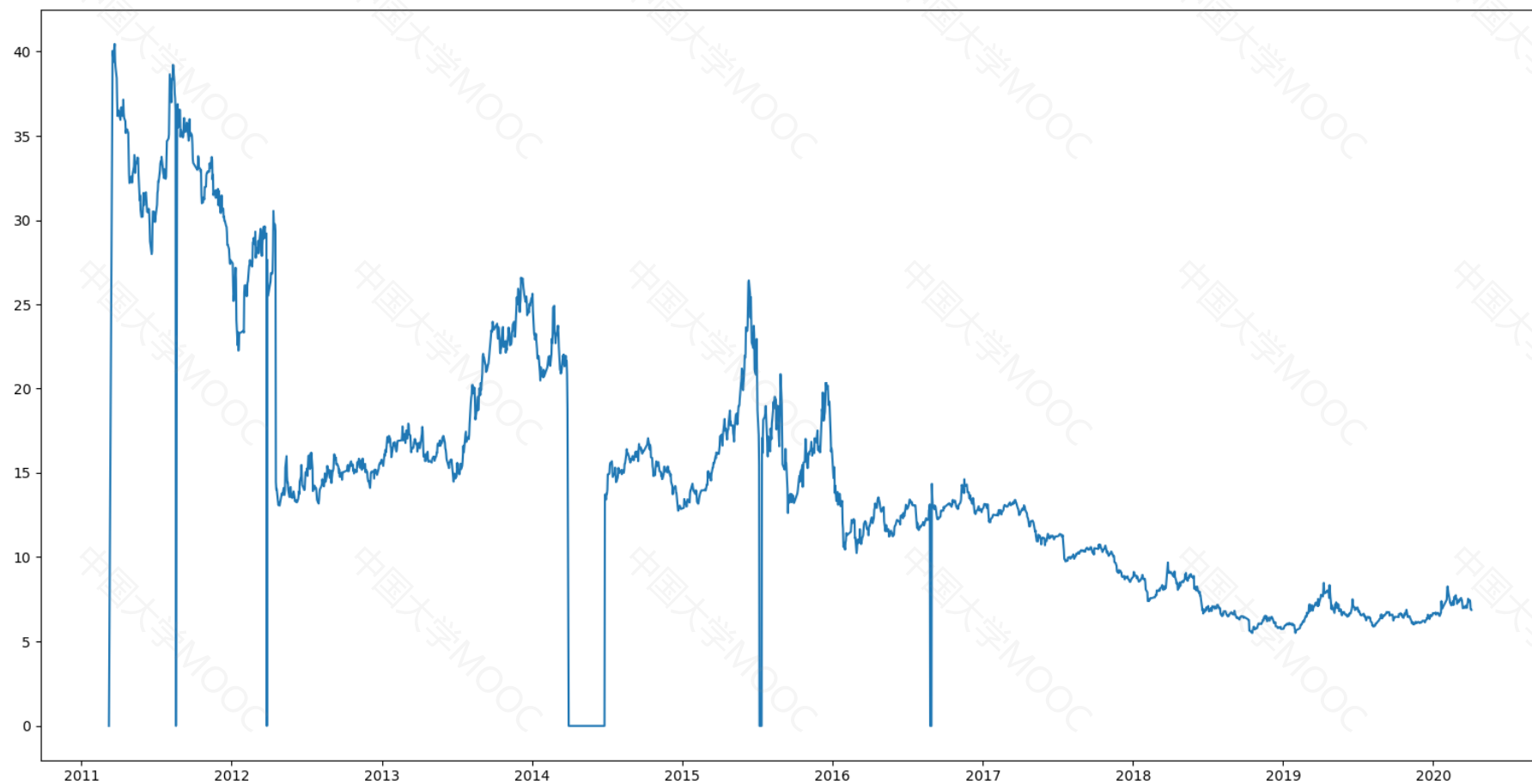
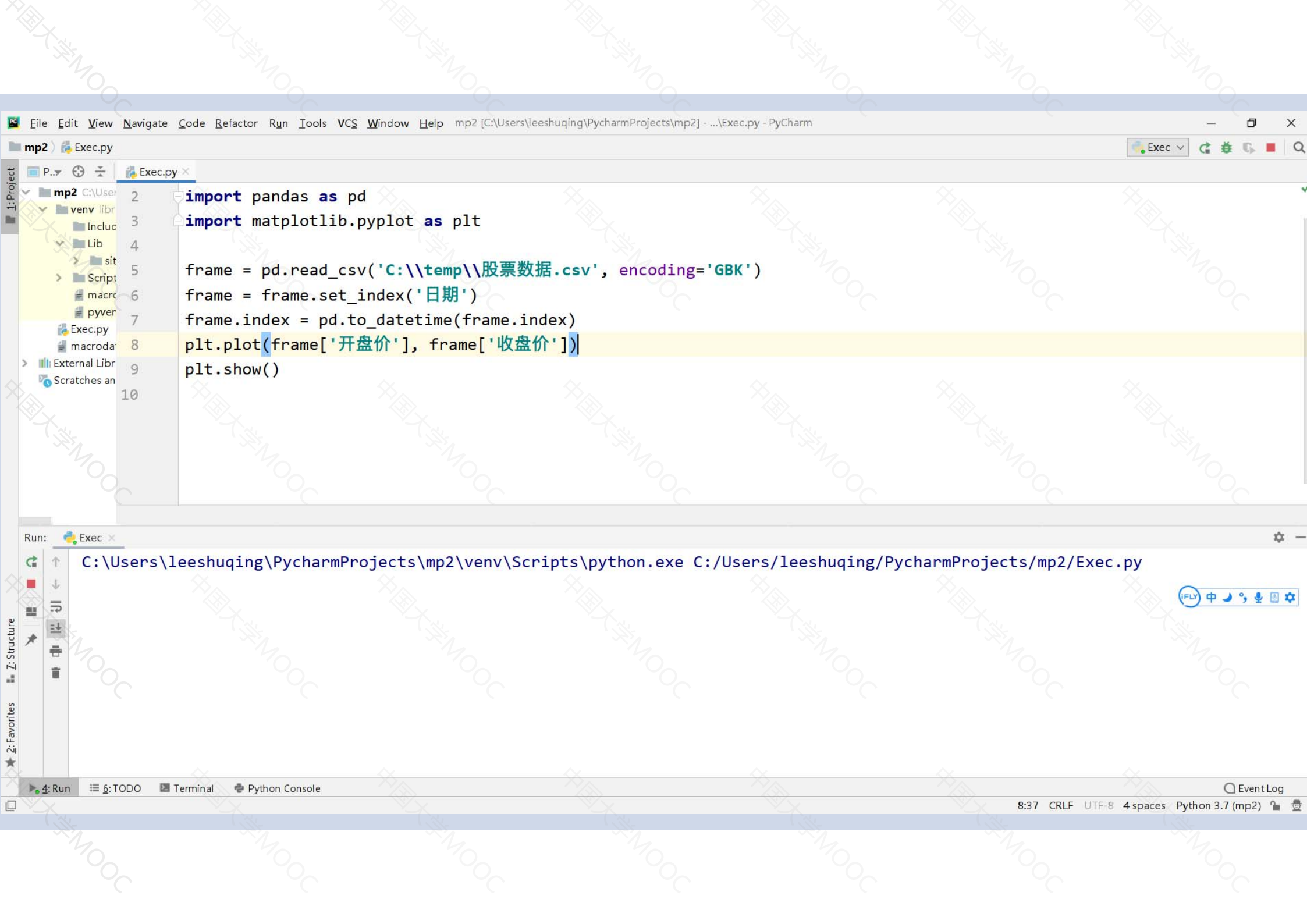


Figure 1





File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm

mp2 Exec.py Exec

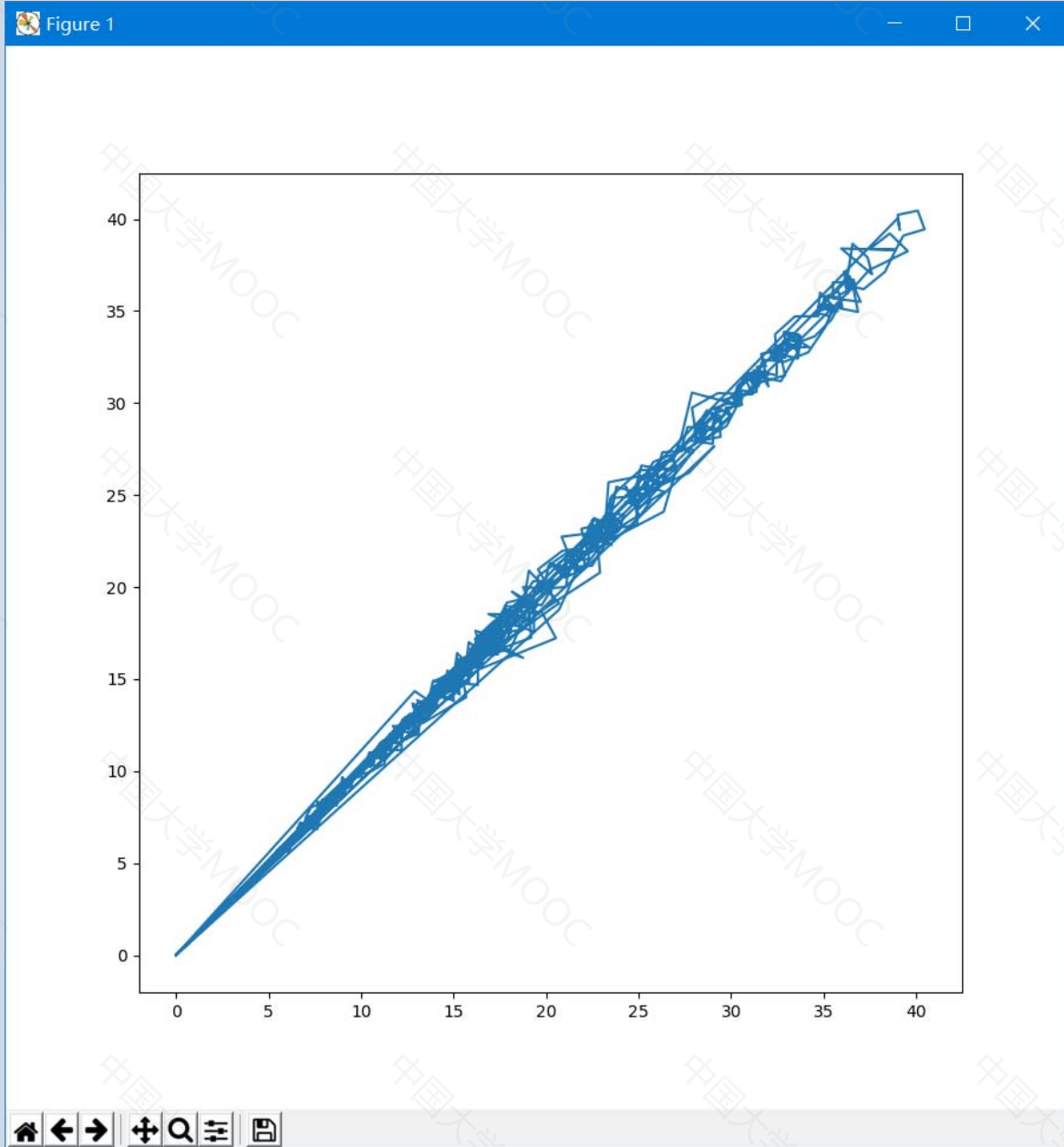
```
1: Project
2: import pandas as pd
3: import matplotlib.pyplot as plt
4:
5: frame = pd.read_csv('C:\\temp\\股票数据.csv', encoding='GBK')
6: frame = frame.set_index('日期')
7: frame.index = pd.to_datetime(frame.index)
8: plt.plot(frame['开盘价'], frame['收盘价'])
9: plt.show()
10:
```

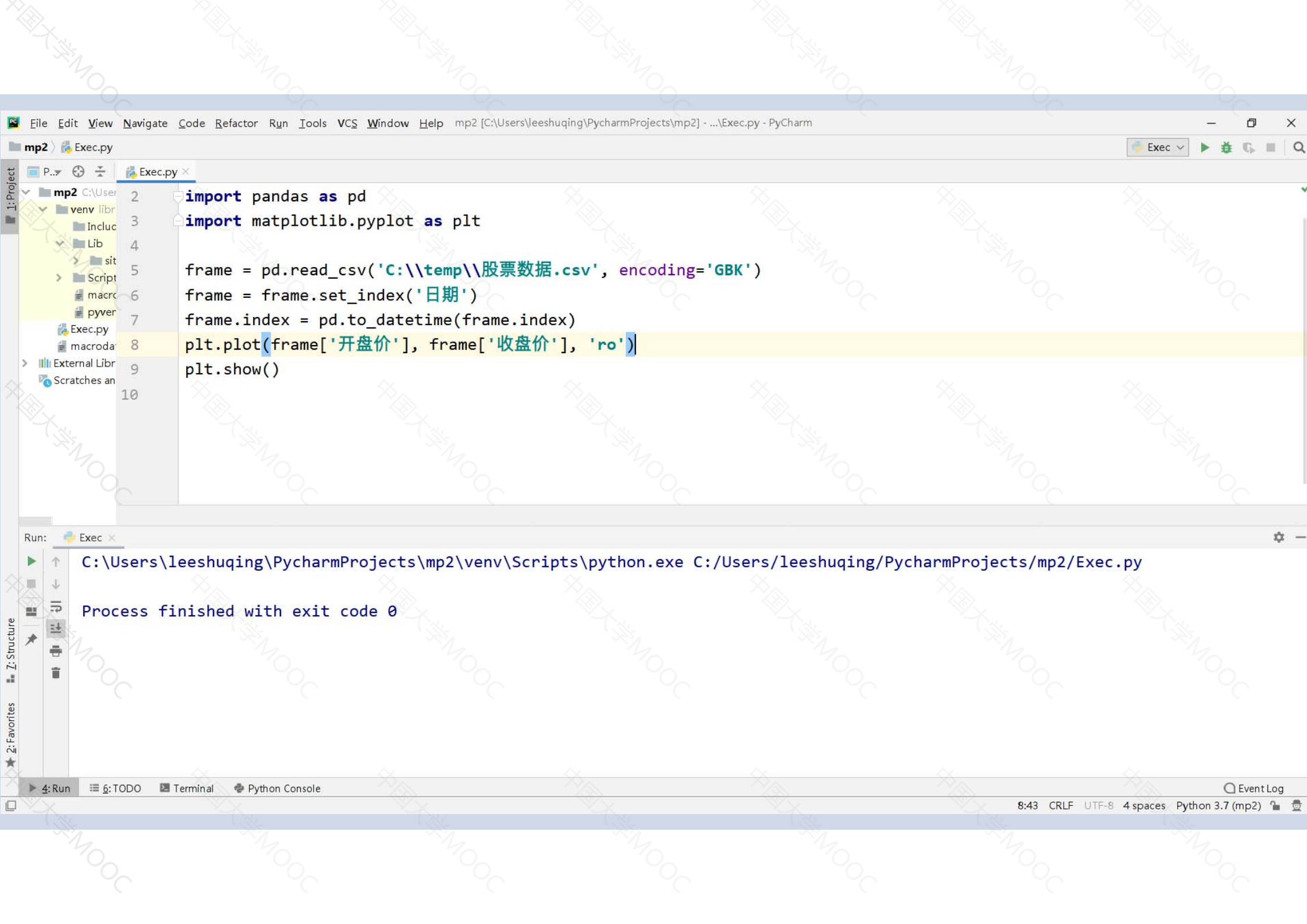
Run: Exec

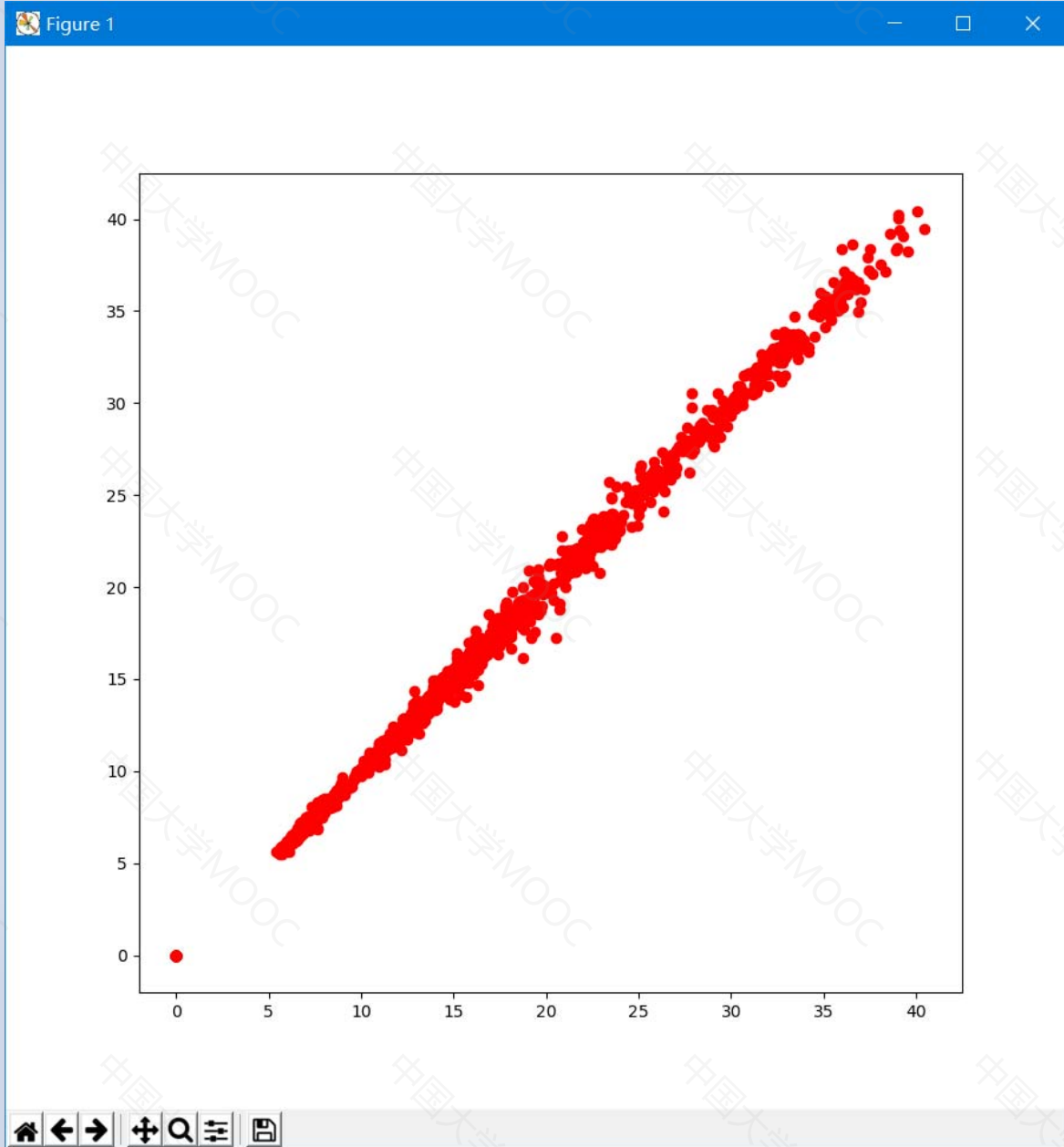
C:/Users/leeshuqing/PycharmProjects/mp2/venv/Scripts/python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py

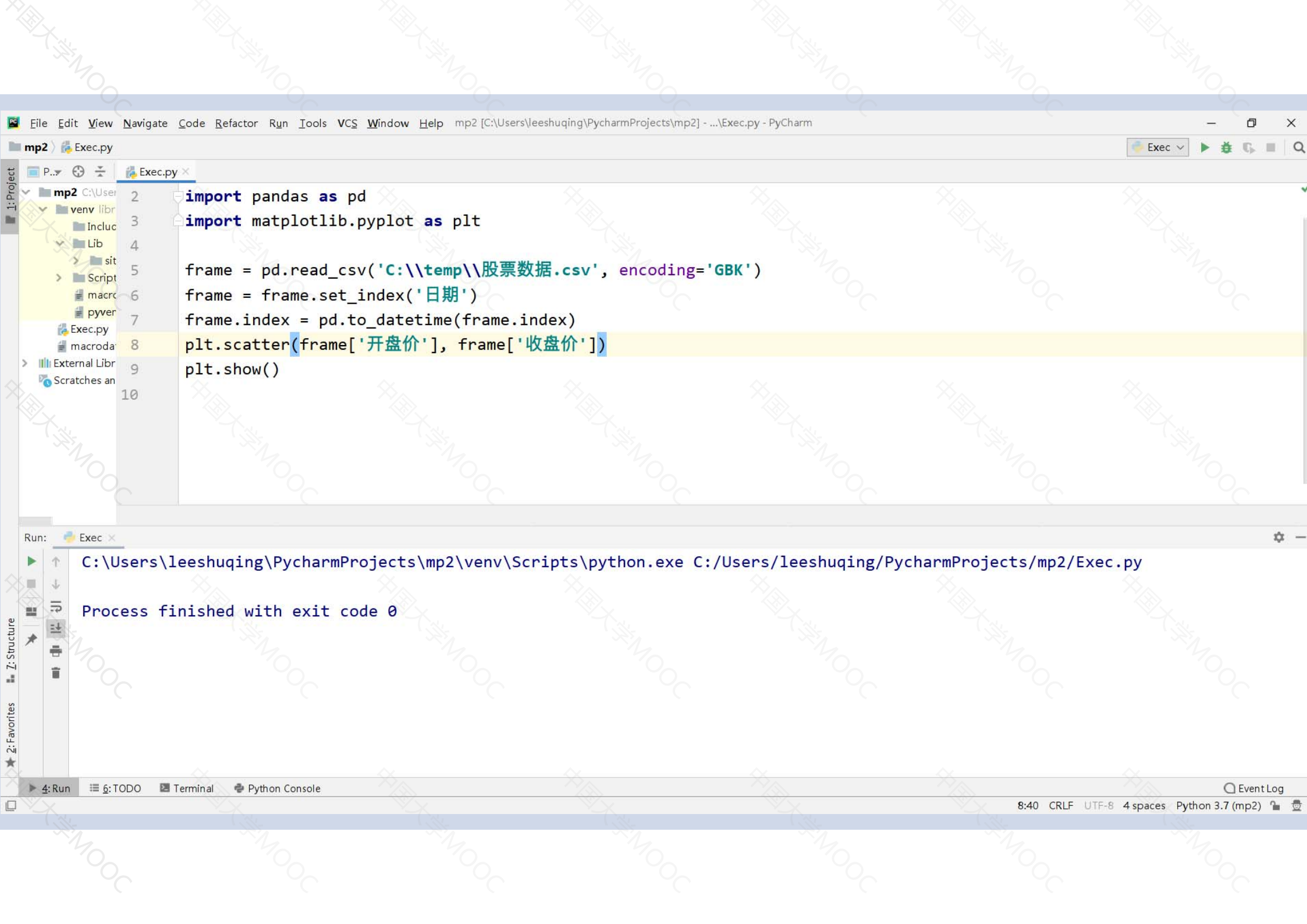
4: Run 6: TODO Terminal Python Console

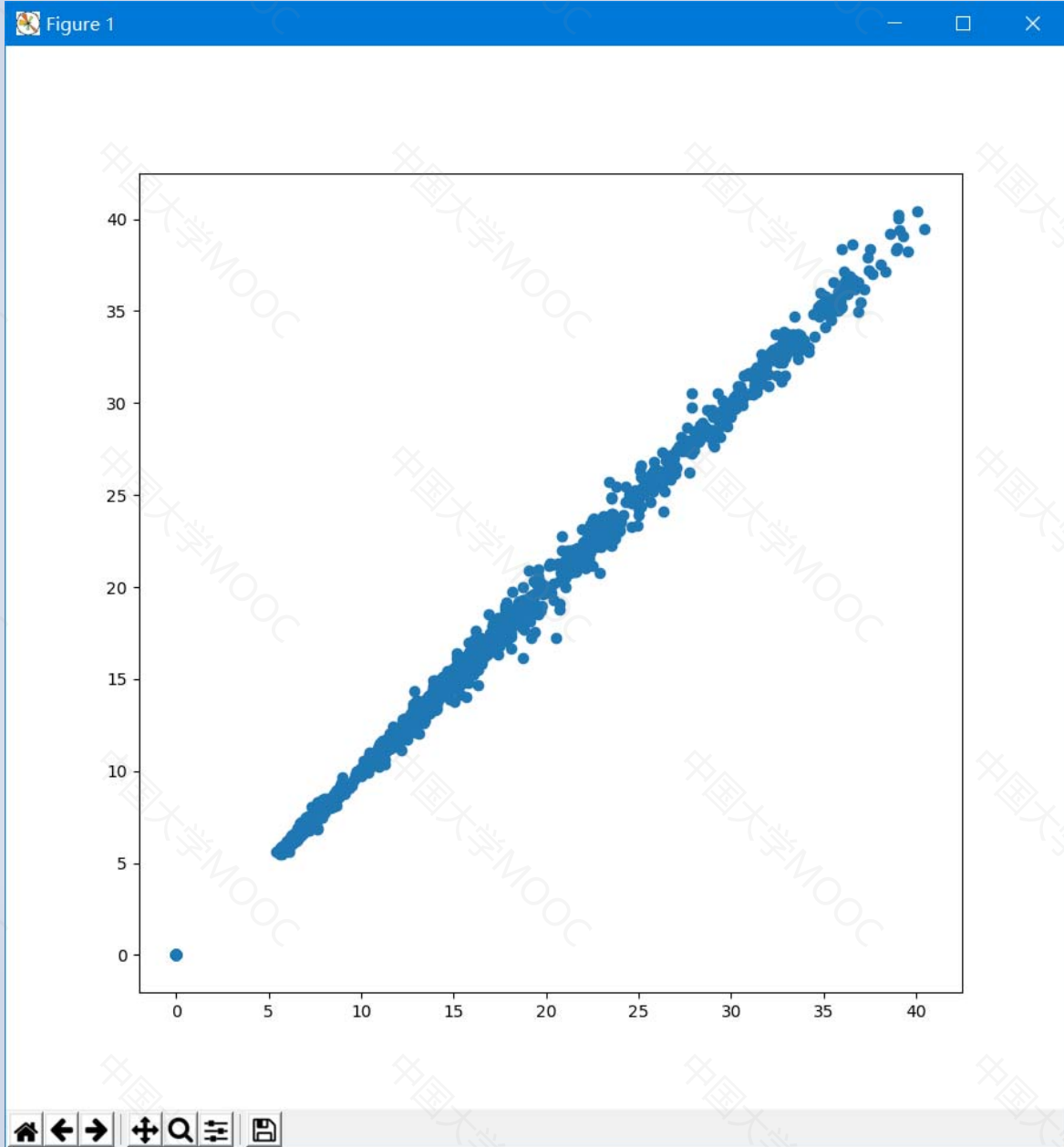
8:37 CRLF UTF-8 4 spaces Python 3.7 (mp2)



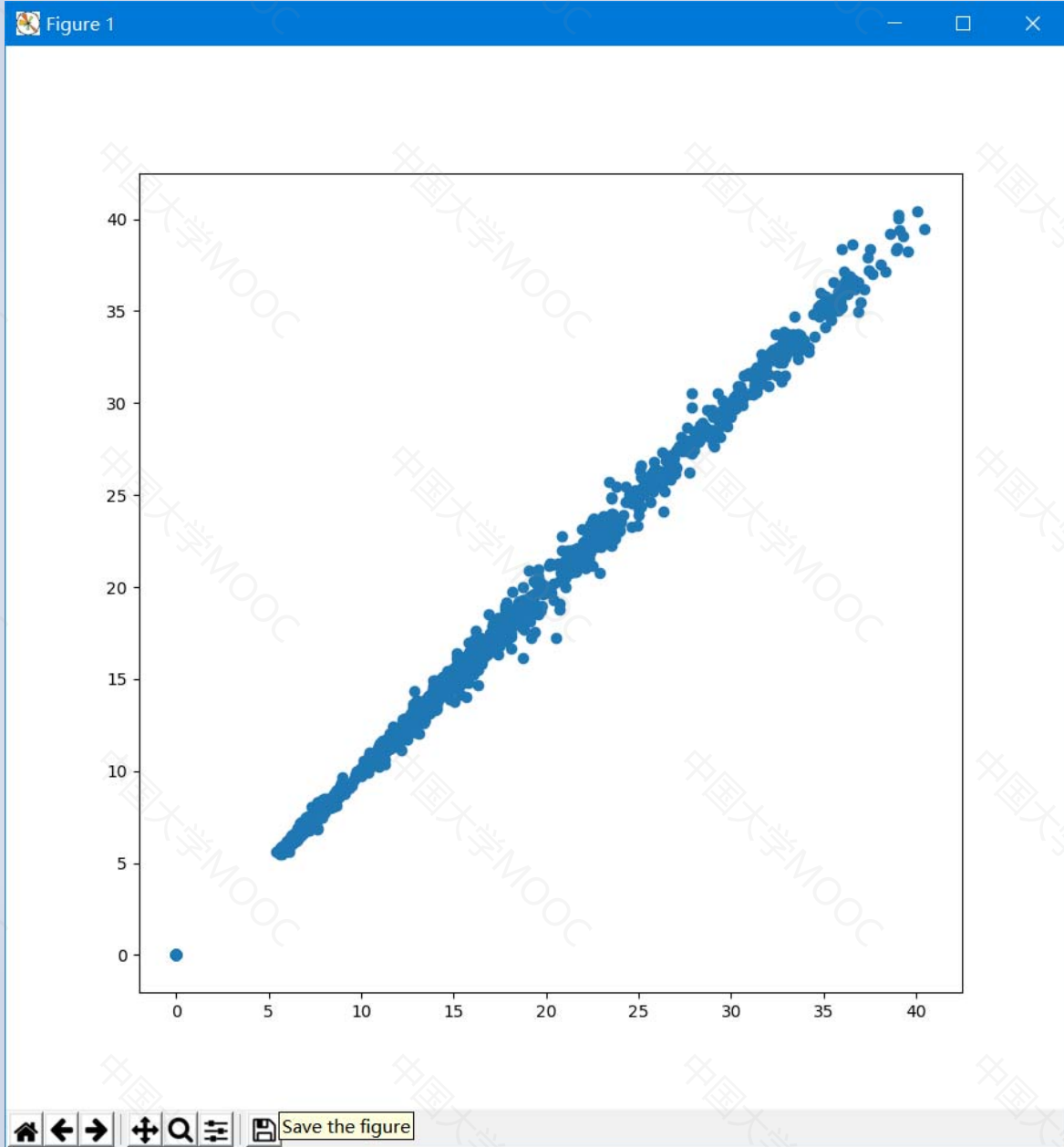


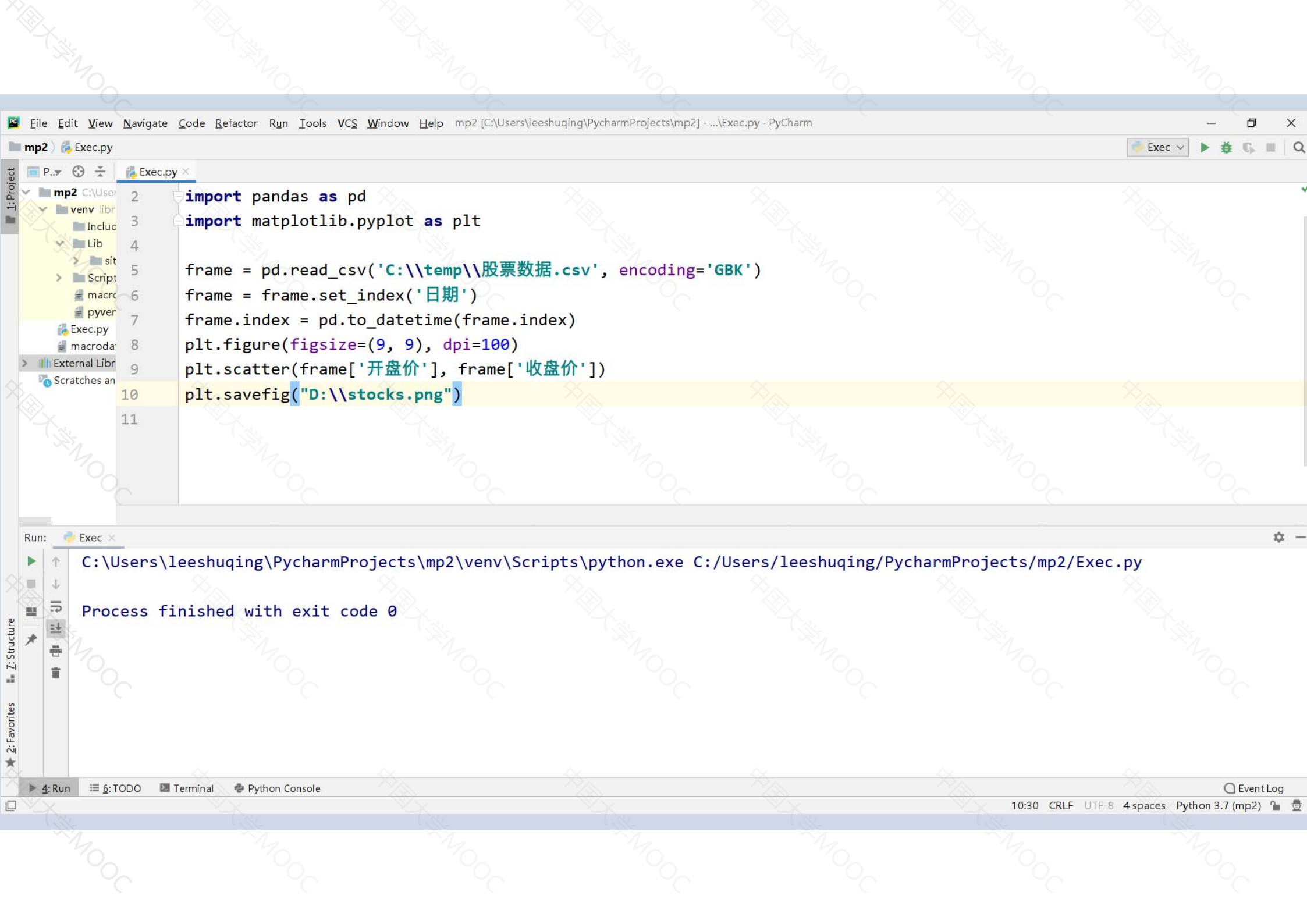












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