■■輸入个股代码查询数据

由于今年1月份新浪接口做了更新,我们代码也做了

同步改进,红色箭头处为输入股票代码的位置。

Day2:如何获取股票的实时价格

. print("挺接失败", response) time.sleep(sleep\_time)

sh600002 sz000003、傳牌股票: sz300124,除权股票: sh60 <mark>276</mark> 90001', 'sh600356',] #在后面添加,''即可,注意一定要用英文符号 ",".join(stock<mark>y</mark>ode\_list)

本期完整代码

```
运行后会生成Excel文件,可作为打卡作业交给索
普。
         以下为扩展内容
■■取消注释状态,运行扩展代码
红框中灰色代码,每行前面都有个#符号,意味着不
会被运行。
   ■ 获取实时行情数据。py* ×
       邢不行豫信:xbx9585
Day2:如何获取股票的实时价格
       import pandas as pd
import time
       from urllib.request import urlopen # python自带爬虫库
```

# # ====直接通过网址获取数据
# import sys
# import requests
# url = 'https://27.push2his.eastmoney.com/api/qt/stock/kline/get?secid=L
# r = requests.get(url).json()['data']['klines']
# l = [i.split(',') for i in r]
# df = pd.DataFrame(l)
# df = df[[0, 1, 2, 3, 4, 5, 6]]
# df.columns = ['交易日期', '开盘价', '收盘价', '最高价', '最低价', '成交里'

# sys.exit() # # 由于新浪网站接口—月份更新后无法直接从网页抓取,可以通过东财网址进行查看,具

def requestForNew(url, max\_try\_num=10, sleep\_time=5):

print("*链接失败*", response) time.sleep(sleep\_time)

from urllib.request import urlopen # python自带爬虫库

def requestForNew(url, max\_try\_num=10, sleep\_time=5):

for i in range(max\_try\_num):
 response = urlopen(request) response.code == 200:

request = urllib.request.Request(url, headers=headers)

return response.read().decode('gbk')

# #
# import sys
# import requests
# import requests
# url = 'https://27.push2his.eastmoney.com/api/qt/stock/kline/get?secid=1.60
# url = requests.get(url).json()['data']['klines']

# r = requests.get(url).json()['data']['klines'] # l = [i.split(',') for i in r] # df = pd.DataFrame(l) # df = df[[0, 1, 2, 3, 4, 5, 6]] # df.columns = ['交易日期', '开盘价', '收盘价', '最高价', '最低价', '成交里',

# sys.exit() # # 由于新浪网站接口一月份更新后无法直接从网页抓取,可以通过东财网址进行查看,具体

ners – \ 'Referer': '<u>http://finance.sina.com.cn</u>', 'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit

request = urllib.request.Request(url, headers=headers)

turn response.read().decode('gbk')

我们现在来取消注释,运行这段代码。 第1步: 光标框选灰色部分:

i in range(max\_try\_num): response = urlopen(request) if response.code == 200:

import urllib.request

print(df)

□ 获取实时行情数据. py\* ×

那不行-股票量化入门训练营 那不行像信: xbx9585 Day2: 如何获取股票的实时价格

import pandas as pd
import time

import urllib.request

# print(df)

□ 获取实时行情数据. py\*

那不行-股票量化入门训练营 那不行微信:xbx9585 Day2:如何获取股票的实时价格

import pandas as pd

import urllib.request

import sys

24

# =====直接通过网址获取数据

headers = {

24

##====直接通过网址获取数据

```
第2步:按Ctrl + 1
(Pycharm中按Ctrl+/)
```

import time from urllib.request import urlopen # python自带爬虫库

requestForNew(url, max\_try\_num=10, sleep\_time=5):

for i in range(max\_try\_num): response = urlopen(request) if response.code == 200:

request = urllib.request.Request(url, headers=headers)

return response.read().decode('gbk')

类比复制的快捷按键Ctrl + C就很容易做到了

注意:选中红框中代码,再按Ctrl + 1即可回到代码

print("*链接失败*", response) time.sleep(sleep\_time)

import sys
import requests
url = 'https://27.push2his.eastmoney.com/api/qt/stock/kline/get?secid=1.6000
r = requests.get(url).json()['data']['klines']
l = [i.split(',') for i in r]
df = pd.DataFrame(l)
df = df[[0, 1, 2, 3, 4, 5, 6]]
df.columns = ['交易日期', '升盘价', '收盘价', '最高价', '最低价', '成交量', '成

print(df) sys.exit() # 由于新浪网站接口—月份更新后无法直接从网页抓取,可以通过东财网址进行查看,具体可

headers = {
 'Referer': 'http://finance.sina.com.cn',
 'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit

print("*链楼失败*", response) time.sleep(sleep\_time)

的初始状态。 第3步:空白处右击后点Run cell运行 □ 获取实时行情数据. py × 那不行-股票量化入门训练营 那不行微信: xbx9585 Day2: 如何获取股票的实时价格 import pandas as pd import time from urllib.request import urlopen # python自带爬虫库 import urllib.request # ====直接通过网址获取数据 import sys
import requests
url = 'https://27.push2his.eastmoney.com/ap: Run cell and advance
ur = requests.get(url).json()['data']['kline: Re-run last cell Ctrl+Return uri = necps://sepsus/son()['data']['kline: l = [i.split(',') for i in r] df = pd.DataFrame(l) df = df[[0, 1, 2, 3, 4, 5, 6]] df.columns = ['交易日期', '舟盘价', '收盘价', Alt+Return Run selection or current line F9

print(df) sys.exit() # 由于新泉网站接口一月份更新后无法直接从网页抓I C Redo

def requestForNew(url, max\_try\_num=10, sleet headers = {
 'Referer': 'http://finance.sina.com.
 'User-Agent': 'Mozilla/5.0 (Windows
 ''Select

print("*链接失败*", response) time.sleep(sleep\_time)

9.24

8.67

8.59

8.53

运行后的代码展示

2021-08-24

2021-08-25

2022-02-18

2022-02-21

2022-02-22

2022-02-23

[120 rows x 7 columns]

118

8.55

8.57

8.67

8.58

response = urlopen(request)

if response.code == 200: turn response.read().decode('¿

Go to definition

Select All

324189

408160

324972

Comment/Uncomment

299502496.00 376573360.00

313176528.00 269637952.

208998930.00

278140368.00

180918625.00

Ctrl+G

Ctrl+A

Ctrl+0

Ctrl+1

```
■■通过神奇网址获取个股数据
在第15行代码中url后面的部分,找到东方财富的神
奇网址:
https://27.push2his.eastmoney.com/api/qt/stock/kli
ne/get?
secid=1.600000&fields1=f1%2Cf2%2Cf3%2Cf4%
2Cf5%2Cf6&fields2=f51%2Cf52%2Cf53%2Cf54%
```

2Cf55%2Cf56%2Cf57%2Cf58%2Cf59%2Cf60%2

Cf61&klt=101&fqt=0&end=20500101&lmt=120

复制到浏览器中打开,会是这样一页字母和数据

我们细看能发现,1.600000的小数部分——600000

{"rc":0, "rt":17, "svr":182482649, "lt":1, "full":0, "data":{"code":"600000", "market":1, "name":"浦发银行", "decima 24, 9. 22, 9. 21, 9. 30, 9. 17, 408160, 376573360. 00, 1. 41, 0. 11, 0. 01, 0. 14 , 2021-08-25, 9. 23, 9. 19, 9. 24, 9. 16, 340640, 31317 27, 9. 16, 9. 17, 9. 22, 9. 14, 276188, 253490156. 00, 0. 88, 0. 33, 0. 03, 0. 09", "2021-08-30, 9. 05, 8. 96, 9. 08, 8. 92, 804103, 72195

比如近期大热的宁波建工(601789),我们改动后

修改这段数字,就可以获取其他股的最新行情。

恰好是浦发银行的A股市场代码。

https://27.push2his.eastmone ×

如下图。

都是8.34)。

■■更多市场个股数据查询 上面我们查询的都是6开头的上交所个股,如果想查 看深圳以0、3开头,北交所8开头的个股,需要进一 步修改。 我们将蓝框中小数点前的1改为0,即可查看深圳和 北交所的个股。

最后一行即为今天的开高低收(由于是一字板,所以

27.push2his.eastmoney.com/api/qt/stock/kline/get?sec = 0.3000158/ields1=f1%2Cf2 爱尔眼科(300015) 27.push2his.eastmoney.com/api/qt/stock/kline/get?secid=0.0026218/ields1=f19 ← → C ∆ {"rc":0,"rt":17,"svr":182481597,"lt":1,"full":0,"data":{"code":"002621","market" 0,"name"("美吉姆")d24,4.69,4.56,4.70,4.55,53564,24683047.00,3.23,-1.94,-0.09,0.67","2021-08-25,4.59,4.83,4.99,4.56,1394227,4.80,4.69,4.94,4.60,92983,43749311.00,6.98,-3.70,-0.18,1.17","2021-08-30,4.65,4.79,4.85,4.55,9524101,4.55,4.50,4.60,4.45,49638,22413070.00,3.30,-0.88,-0.04,0.62","2021-09-02,4.49,4.45,4.53,4.43,38633 美吉姆(002621)

← → C 🛕 🔒 27.push2his.eastmoney.com/api/qt/stock/kline/get?secid 0.8380308 elds1=f1%2Cf2

{"rc":0,"rt":17,"svr":182482648,"1t":1,"full":0,"data":{"code":"838030","market" 0,"name": 德众汽车" decir 24,3.66,3.72,3.72,3.66,566,209045.00,1.62,0.54,0.02,0.06","2021-08-25,3.65,3.69,3.72,3.64,1285,472595.00,2.27,3.58,3.41,3.58,3.41,9570,3299673.00,4.86,-2.57,-0.09,1.10","2021-08-30,3.41,3.46,3.46,3.40,1445,493449.01,3.48,3.52,3.57,3.48,2993,1050901.00,2.56,0.28,0.01,0.34","2021-09-02,3.50,3.64,3.65,3.50,4264,1524299.01

德众汽车(838030)