

다음 주식 정보 가져오기

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In [1]: !pip install fake-useragent
```

Requirement already satisfied: fake-useragent in c:\programdata\anaconda3\lib\site-packages (2.2.0)

```
In [2]: import json
import urllib.request as req
from fake_useragent import UserAgent
```

```
In [3]: # Fake Header 정보(가상으로 User-Agent 생성)
ua = UserAgent()
```

```
In [4]: # 헤더 선언
headers = {
    'User-Agent': ua.chrome,
    'referer': 'https://finance.daum.net/'
}
```

```
In [5]: # 다음 주식 요청 URL
url = "https://finance.daum.net/api/search/ranks?limit=10"
```

```
In [6]: # 요청
res = req.urlopen(req.Request(url, headers=headers)).read().decode('utf-8')
```

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In [7]: # 응답 데이터 확인(Json Data)
# print('res', res)
```

```
In [8]: # 응답 데이터 str -> json 변환 및 data 값 저장
rank_json = json.loads(res)['data']
```

```
In [9]: # 중간 확인
print('중간 확인 : ', rank_json, '\n')
```

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중간 확인 : [{ 'rank': 1, 'rankChange': 0, 'symbolCode': 'A005930', 'shortCode': 'A005930', 'code': 'KR7005930003', 'name': '삼성전자', 'isNew': False, 'tradePrice': 99700, 'change': 'RISE', 'changePrice': 400, 'changeRate': 0.0040281974, 'signedChangeRate': 0.0040281974, 'accTradeVolume': 4224392, 'accTradePrice': 422262054900, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A005930#talks'}, { 'rank': 2, 'rankChange': 0, 'symbolCode': 'A000660', 'shortCode': 'A000660', 'code': 'KR7000660001', 'name': 'SK하이닉스', 'isNew': False, 'tradePrice': 505500, 'change': 'FALL', 'changePrice': -13500, 'changeRate': -0.0260115607, 'signedChangeRate': -0.0260115607, 'accTradeVolume': 1327388, 'accTradePrice': 674307384500, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A000660#talks'}, { 'rank': 3, 'rankChange': 1, 'symbolCode': 'A034020', 'shortCode': 'A034020', 'code': 'KR7034020008', 'name': '두산에너빌리티', 'isNew': False, 'tradePrice': 77100, 'change': 'RISE', 'changePrice': 3600, 'changeRate': 0.0489795918, 'signedChangeRate': 0.0489795918, 'accTradeVolume': 1816853, 'accTradePrice': 138574711600, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A034020#talks'}, { 'rank': 4, 'rankChange': 5, 'symbolCode': 'A012620', 'shortCode': 'A012620', 'code': 'KR7012620002', 'name': '삼성에프스홀딩스', 'isNew': False, 'tradePrice': 357000, 'change': 'RISE', 'changePrice': 21500, 'changeRate': 0.0640834575, 'signedChangeRate': 0.0640834575, 'accTradeVolume': 504846, 'accTradePrice': 176147683250, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A012620#talks'}, { 'rank': 5, 'rankChange': 3, 'symbolCode': 'A015760', 'shortCode': 'A015760', 'code': 'KR7015760002', 'name': '한국전력', 'isNew': False, 'tradePrice': 53500, 'change': 'RISE', 'changePrice': 2000, 'changeRate': 0.0388349515, 'signedChangeRate': 0.0388349515, 'accTradeVolume': 2784217, 'accTradePrice': 146813369550, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A015760#talks'}, { 'rank': 6, 'rankChange': 0, 'symbolCode': 'A042660', 'shortCode': 'A042660', 'code': 'KR7042660001', 'name': '한화오션', 'isNew': False, 'tradePrice': 113100, 'change': 'RISE', 'changePrice': 100, 'changeRate': 0.0008849558, 'signedChangeRate': 0.0008849558, 'accTradeVolume': 424873, 'accTradePrice': 47749117650, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A042660#talks'}, { 'rank': 7, 'rankChange': -2, 'symbolCode': 'A068270', 'shortCode': 'A068270', 'code': 'KR7068270008', 'name': '셀트리온', 'isNew': False, 'tradePrice': 188200, 'change': 'RISE', 'changePrice': 5700, 'changeRate': 0.0312328767, 'signedChangeRate': 0.0312328767, 'accTradeVolume': 228785, 'accTradePrice': 42792241700, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A068270#talks'}, { 'rank': 8, 'rankChange': 0, 'symbolCode': 'A035720', 'shortCode': 'A035720', 'code': 'KR7035720002', 'name': '카카오', 'isNew': True, 'tradePrice': 59400, 'change': 'RISE', 'changePrice': 1400, 'changeRate': 0.024137931, 'signedChangeRate': 0.024137931, 'accTradeVolume': 628426, 'accTradePrice': 37113267400, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A035720#talks'}, { 'rank': 9, 'rankChange': 0, 'symbolCode': 'A005935', 'shortCode': 'A005935', 'code': 'KR7005931001', 'name': '삼성전자우', 'isNew': True, 'tradePrice': 75900, 'change': 'RISE', 'changePrice': 1000, 'changeRate': 0.0133511348, 'signedChangeRate': 0.0133511348, 'accTradeVolume': 674769, 'accTradePrice': 51179696100, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A005935#talks'}, { 'rank': 10, 'rankChange': 0, 'symbolCode': 'A0120G0', 'shortCode': 'A0120G0', 'code': 'KR70120G0001', 'name': '삼양바이오팜', 'isNew': True, 'tradePrice': 49700, 'change': 'RISE', 'changePrice': 10450, 'changeRate': 0.2662420382, 'signedChangeRate': 0.2662420382, 'accTradeVolume': 2501449, 'accTradePrice': 121412432400, 'chartSlideImage': None, 'boardUrl': 'https://finance.daum.net/quotes/A0120G0#talks'}]

```

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In [10]: for elm in rank_json:
          # print(type(elm)) #Type 확인
          print('순위 : {}, 금액 : {}, 회사명 : {}'.format(elm['rank'], elm['tradePrice'], elm['name']), )

```

순위 : 1, 금액 : 99700, 회사명 : 삼성전자
순위 : 2, 금액 : 505500, 회사명 : SK하이닉스
순위 : 3, 금액 : 77100, 회사명 : 두산에너빌리티
순위 : 4, 금액 : 357000, 회사명 : 삼성에피소홀딩스
순위 : 5, 금액 : 53500, 회사명 : 한국전력
순위 : 6, 금액 : 113100, 회사명 : 한화오션
순위 : 7, 금액 : 188200, 회사명 : 셀트리온
순위 : 8, 금액 : 59400, 회사명 : 카카오
순위 : 9, 금액 : 75900, 회사명 : 삼성전자우
순위 : 10, 금액 : 49700, 회사명 : 삼양바이오팜

In []:

In []: