

FinalProject/algo.py

Extracted top fifty market cap coins from CoinGeckoAPI

Top Fifty Market Cap Cryptocurrencies

```
['BTCUSD', 'ETHUSD', 'BNBUSD', 'USDTUSD', 'ADAUSD', 'USDCUSD', 'SOLUSD', 'XRPUSD', 'LUNAUSD',
 'DOTUSD', 'DOGEUSD', 'AVAXUSD', 'SHIBUSD', 'MATICUSD', 'BUSDUSD', 'WBTCUSD', 'CROUSD', 'ATOM
 USD', 'NEARUSD', 'USTUSD', 'LINKUSD', 'LTCUSD', 'DAIUSD', 'ALGOUSD', 'FTMUSD', 'UNIUSD', 'BCH
 USD', 'TRXUSD', 'OKBUSD', 'XLMUSD', 'FTTUSD', 'ICPUSD', 'STETHUSD', 'AXSUSD', 'VETUSD', 'HBAR
 USD', 'MIMUSD', 'ETCUSD', 'THETAUSD', 'FILUSD', 'CETHUSD', 'SANDUSD', 'MANAUSD', 'XMRUSD', 'O
 NEUSD', 'EGLDUSD', 'KLAYUSD', 'XTZUSD', 'LEOUSD', 'CDAIUSD']
```

Extracting analyst recommendations (buys and strong buys)

USDTUSD not listed on Binance, checking Coinbase

USDCUSD not listed on Binance, checking Coinbase

SHIBUSD not listed on Binance, checking Coinbase

BUSDUSD not listed on Binance, checking Coinbase

CROUSD not listed on Binance, checking Coinbase

DAIUSD not listed on Binance, checking Coinbase

OKBUSD not listed on Binance, checking Coinbase

STETHUSD not listed on Binance, checking Coinbase

MIMUSD not listed on Binance, checking Coinbase

CETHUSD not listed on Binance, checking Coinbase

LEOUSD not listed on Binance, checking Coinbase

CDAIUSD not listed on Binance, checking Coinbase

finished extracting analyst recommendations..

```
['USDTUSD', 'ADAUSD', 'XRPUSD', 'ATOMUSD', 'DAIUSD', 'ETCUSD', 'LUNAUSD', 'NEARUSD', 'FTMUSD',
 'FTTUSD', 'THETAUSD', 'ONEUSD', 'KLAYUSD']
```

DevTools listening on ws://127.0.0.1:50889/devtools/browser/a3582597-a5dd-4b19-abfa-b8f3b21b7f30

Message: element not interactable

(Session info: headless chrome=97.0.4692.71)

Stacktrace:

Backtrace:

```
Ordinal0 [0x00460613+2557459]
Ordinal0 [0x003F79D1+2128337]
Ordinal0 [0x002F2CC0+1060032]
Ordinal0 [0x0031F30E+1241870]
Ordinal0 [0x00314F83+1200003]
Ordinal0 [0x00337A5C+1342044]
Ordinal0 [0x00314954+1198420]
Ordinal0 [0x00337B64+1342308]
Ordinal0 [0x0034753A+1406266]
Ordinal0 [0x003378C6+1341638]
Ordinal0 [0x00313686+1193606]
Ordinal0 [0x00314516+1197334]
GetHandleVerifier [0x005FA922+1624850]
GetHandleVerifier [0x006A85FC+2336748]
GetHandleVerifier [0x004F4041+549425]
GetHandleVerifier [0x004F3143+545587]
Ordinal0 [0x003FD34E+2151246]
Ordinal0 [0x00401918+2169112]
Ordinal0 [0x0040B650+2209360]
BaseThreadInitThunk [0x75D86739+25]
RtlGetFullPathName_UEx [0x779D8AFF+1215]
RtlGetFullPathName_UEx [0x779D8ACD+1165]
```

```
, ('element not interactable\n (Session info: headless chrome=97.0.4692.71)', None, ['Backtr
ace:', '\tOrdinal0 [0x00460613+2557459]', '\tOrdinal0 [0x003F79D1+2128337]', '\tOrdinal0 [0x0
02F2CC0+1060032]', '\tOrdinal0 [0x0031F30E+1241870]', '\tOrdinal0 [0x00314F83+1200003]', '\tO
rdinal0 [0x00337A5C+1342044]', '\tOrdinal0 [0x00314954+1198420]', '\tOrdinal0 [0x00337B64+134
2308]', '\tOrdinal0 [0x0034753A+1406266]', '\tOrdinal0 [0x003378C6+1341638]', '\tOrdinal0 [0x
00313686+1193606]', '\tOrdinal0 [0x00314516+1197334]', '\tGetHandleVerifier [0x005FA922+16248
50]', '\tGetHandleVerifier [0x006A85FC+2336748]', '\tGetHandleVerifier [0x004F4041+549425]',
'\tGetHandleVerifier [0x004F3143+545587]', '\tOrdinal0 [0x003FD34E+2151246]', '\tOrdinal0 [0x
00401918+2169112]', '\tOrdinal0 [0x00401A60+2169440]', '\tOrdinal0 [0x0040B650+2209360]', '\t
BaseThreadInitThunk [0x75D86739+25]', '\tRtlGetFullPathName_UEx [0x779D8AFF+1215]', '\tRtlGet
FullPathName_UEx [0x779D8ACD+1165]', ''])
automatic login failed
```

Reinitialize tvdatafeed with auto\_login=False

ERROR:tvDatafeed.main:Connection to remote host was lost.

ERROR:tvDatafeed.main:no data, please check the exchange and symbol

You must have TradingView credentials to extract data via websocket

Extracted prices and calculated oscillator/momentum indicator values

(cryptara)