
Stocksera

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CONTENTS

1	Installation	3
2	Import the package	5
3	Get data from social media	7
3.1	Get total mentions/ mentions of a stock on wallstreetbets	7
3.2	Get total number of puts/calls mentions on wallstreetbets	7
3.3	Get subreddit count on Reddit	7
3.4	Get current trending stocks/ ranking and watchlist count of a stock in stocktwits	8
4	Get stocks related data	9
4.1	Get SEC filings of a stock	9
4.2	Get news sentiment of a stock	9
4.3	Get recent insider trading of all tickers/ insider trading of a stock	9
4.4	Get recent insider trading analysis	10
4.5	Get stocks with high short volume/ short volume of a stock	10
4.6	Get stocks with consistently high FTD/ FTD of a stock	10
4.7	Get number of shares available and borrow fees of a stock	10
5	Get government trades data	11
5.1	Get all senate trades/ trades of a specific person/ trades of a specific ticker	11
5.2	Get all house trades/ trades of a specific person/ trades of a specific ticker	11
6	Get ETF data	13
6.1	Get market indices	13
7	Get economic data	15
7.1	Get reverse repo	15
7.2	Get daily treasury	15
7.3	Get inflation	15
7.4	Get initial jobless claims	15
7.5	Get retail sales	16
8	Get stock related news	17
8.1	Get recent market news	17
8.2	Get trading halts	17
9	Get other interesting data	19
9.1	Get Jim Cramer trades	19
9.2	Get stocks with high short interest	19
9.3	Get stocks with low float	19

9.4	Get upcoming and past IPOs	19
9.5	Get earnings calendar of stocks	19

This is the official API for Stocksera. Visit Stocksera at <https://github.com/guanquann/Stocksera>. Sign up for free Stocksera API at <https://stocksera.pythonanywhere.com/accounts/developers>.

INSTALLATION

The package can easily be installed in your terminal by entering

```
pip install stocksera
```


IMPORT THE PACKAGE

```
import stocksera

# Sign up for free Stocksera API at https://stocksera.pythonanywhere.com/accounts/  
↪ developers/  
client = stocksera.Client(api_key="YOUR API KEY")
```


GET DATA FROM SOCIAL MEDIA

3.1 Get total mentions/ mentions of a stock on wallstreetbets

```
data = client.wsb_mentions(days=1, ticker="AAPL")
```

Params	Required	Default	Description
days	No	1	number days ago
ticker	No		stock symbol

3.2 Get total number of puts/calls mentions on wallstreetbets

```
data = client.wsb_options(days=1)
```

Params	Required	Default	Description
days	No	1	number days ago

3.3 Get subreddit count on Reddit

```
data = client.subreddit(days=50, ticker="GME")
```

Params	Required	Default	Description
days	No	100	number days ago
ticker	Yes	GME	stock symbol

3.4 Get current trending stocks/ ranking and watchlist count of a stock in stocktwits

```
data = client.stocktwits(ticker="AAPL")
```

Params	Required	Default	Description
ticker	No		stock symbol

GET STOCKS RELATED DATA

4.1 Get SEC fillings of a stock

```
data = client.sec_fillings(ticker="AAPL", date_from="2022-01-01", date_to="2022-01-31")
```

Params	Required	Default	Description
ticker	Yes	AAPL	stock symbol
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

4.2 Get news sentiment of a stock

```
data = client.news_sentiment(ticker="AAPL")
```

Params	Required	Default	Description
ticker	Yes	AAPL	stock symbol

4.3 Get recent insider trading of all tickers/ insider trading of a stock

```
data = client.insider_trading(limit=500, ticker="AAPL", date_from="2022-01-01", date_to=↵"2022-01-31")
```

Params	Required	Default	Description
limit	No	500	last n records
ticker	No	AAPL	number days ago
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

4.4 Get recent insider trading analysis

```
data = client.latest_insider_trading_summary()
```

4.5 Get stocks with high short volume/ short volume of a stock

```
data = client.short_volume(ticker="AAPL", date_from="2022-01-01", date_to="2022-01-31")
```

Params	Required	Default	Description
ticker	No		stock symbol
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

4.6 Get stocks with consistently high FTD/ FTD of a stock

```
data = client.ftd(ticker="AAPL", date_from="2022-01-01", date_to="2022-01-31")
```

Params	Required	Default	Description
ticker	No		stock symbol
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

4.7 Get number of shares available and borrow fees of a stock

```
data = client.borrowed_shares(ticker="AAPL")
```

Params	Required	Default	Description
ticker	No	AAPL	stock symbol

GET GOVERNMENT TRADES DATA

5.1 Get all senate trades/ trades of a specific person/ trades of a specific ticker

```
data = client.senate(ticker="AAPL", name="Thomas H Tuberville", date_from="2022-01-01",  
↪ date_to="2022-01-31")
```

Params	Required	Default	Description
ticker	No		stock symbol
name	No		name of person
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

5.2 Get all house trades/ trades of a specific person/ trades of a specific ticker

```
data = client.house(ticker="AAPL", name="Nancy Pelosi", state="CA", date_from="2022-01-01",  
↪ date_to="2022-01-31")
```

Params	Required	Default	Description
ticker	No		stock symbol
name	No		name of person
state	No		2 character district code
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD

GET ETF DATA

```
etf = stocksera.ETF()
```

6.1 Get market indices

```
df = etf.market_summary(market_type="snp500")
```

Params	Required	Default	Description
market_type	Yes	snp500	snp500/nasdaq100/dia/wsb

GET ECONOMIC DATA

```
economy = stocksera.Economy()
```

7.1 Get reverse repo

```
df = economy.reverse_repo(days=100)
```

Params	Required	Default	Description
days	No	100	number days ago

7.2 Get daily treasury

```
df = economy.daily_treasury(days=100)
```

Params	Required	Default	Description
days	No	100	number days ago

7.3 Get inflation

```
df = economy.inflation()
```

7.4 Get initial jobless claims

```
df = economy.jobless_claims(days=100)
```

Params	Required	Default	Description
days	No	100	number days ago

7.5 Get retail sales

```
df = economy.retail_sales(days=100)
```

Params	Required	Default	Description
days	No	100	number days ago

GET STOCK RELATED NEWS

```
news = stocksera.News()
```

8.1 Get recent market news

8.2 Get trading halts

```
df = client.trading_halts()
```


GET OTHER INTERESTING DATA

9.1 Get Jim Cramer trades

```
data = client.jim_cramer(ticker="AAPL", segment="featured", call="buy")
```

Params	Required	Default	Description
ticker	No	all	stock symbol
segment	No	all	featured/discussed/lightning/guest
call	No	all	buy/positive/hold/negative/sell

9.2 Get stocks with high short interest

```
data = client.short_interest()
```

9.3 Get stocks with low float

```
data = client.low_float()
```

9.4 Get upcoming and past IPOs

```
data = client.ipo_calendar()
```

9.5 Get earnings calendar of stocks

```
data = client.earnings_calendar(date_from="2022-01-01", date_to="2022-01-31")
```

Params	Required	Default	Description
date_from	No		YYYY-MM-DD
date_to	No		YYYY-MM-DD