

GameStop Stock Data Using yfinance

May 23, 2025

```
[1]: !pip install yfinance
```

```
Defaulting to user installation because normal site-packages is not writeable
Looking in links: /usr/share/pip-wheels
Requirement already satisfied: yfinance in ~/.local/lib/python3.10/site-packages
(0.2.61)
Requirement already satisfied: pandas>=1.3.0 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (2.1.4)
Requirement already satisfied: numpy>=1.16.5 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (1.26.4)
Requirement already satisfied: requests>=2.31 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (2.31.0)
Requirement already satisfied: multitasking>=0.0.7 in
~/.local/lib/python3.10/site-packages (from yfinance) (0.0.11)
Requirement already satisfied: platformdirs>=2.0.0 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (2.5.2)
Requirement already satisfied: pytz>=2022.5 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (2023.3.post1)
Requirement already satisfied: frozendict>=2.3.4 in
~/.local/lib/python3.10/site-packages (from yfinance) (2.4.6)
Requirement already satisfied: peewee>=3.16.2 in ~/.local/lib/python3.10/site-
packages (from yfinance) (3.18.1)
Requirement already satisfied: beautifulsoup4>=4.11.1 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (4.12.2)
Requirement already satisfied: curl_cffi>=0.7 in ~/.local/lib/python3.10/site-
packages (from yfinance) (0.11.1)
Requirement already satisfied: protobuf>=3.19.0 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
yfinance) (3.20.3)
Requirement already satisfied: websockets>=13.0 in ~/.local/lib/python3.10/site-
packages (from yfinance) (15.0.1)
Requirement already satisfied: soupsieve>1.2 in
```

```

/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
beautifulsoup4>=4.11.1->yfinance) (2.5)
Requirement already satisfied: cffi>=1.12.0 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
curl_cffi>=0.7->yfinance) (1.16.0)
Requirement already satisfied: certifi>=2024.2.2 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
curl_cffi>=0.7->yfinance) (2024.2.2)
Requirement already satisfied: python-dateutil>=2.8.2 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
pandas>=1.3.0->yfinance) (2.8.2)
Requirement already satisfied: tzdata>=2022.1 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
pandas>=1.3.0->yfinance) (2023.3)
Requirement already satisfied: charset-normalizer<4,>=2 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
requests>=2.31->yfinance) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
requests>=2.31->yfinance) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
requests>=2.31->yfinance) (2.0.7)
Requirement already satisfied: pycparser in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
cffi>=1.12.0->curl_cffi>=0.7->yfinance) (2.21)
Requirement already satisfied: six>=1.5 in
/opt/conda/envs/anaconda-2024.02-py310/lib/python3.10/site-packages (from
python-dateutil>=2.8.2->pandas>=1.3.0->yfinance) (1.16.0)

```

```
[2]: import yfinance as yf
```

```
[3]: gamestop=yf.Ticker('GME')
```

```
[4]: gme_data=gamestop.history(period="max")
gme_data.reset_index(inplace=True)
```

```
[5]: gme_data.head()
```

```
[5]:
```

	Date	Open	High	Low	Close	Volume	\
0	2002-02-13 00:00:00-05:00	1.620128	1.693349	1.603295	1.691666	76216000	
1	2002-02-14 00:00:00-05:00	1.712708	1.716074	1.670626	1.683251	11021600	
2	2002-02-15 00:00:00-05:00	1.683250	1.687458	1.658001	1.674834	8389600	
3	2002-02-19 00:00:00-05:00	1.666417	1.666417	1.578047	1.607504	7410400	
4	2002-02-20 00:00:00-05:00	1.615920	1.662209	1.603296	1.662209	6892800	

Dividends Stock Splits

0	0.0	0.0
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	0.0	0.0

[]:

[]:

[]: