Tesla Stocks:

```
[1] !pip install yfinance==0.1.67

Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting yfinance==0.1.67
  Downloading yfinance-0.1.67-py2.py3-none-any.whl (25 kB)
Requirement already satisfied: numpy>=1.15 in /usr/local/lib/python3.7/dist-packages (from yfinance==0.1.67) (1.21.6)
Requirement already satisfied: multitasking>=0.0.7 in /usr/local/lib/python3.7/dist-packages (from yfinance==0.1.67) (0.0.11)
Requirement already satisfied: pandas>=0.24 in /usr/local/lib/python3.7/dist-packages (from yfinance==0.1.67) (1.3.5)
Requirement already satisfied: requests>=2.20 in /usr/local/lib/python3.7/dist-packages (from yfinance==0.1.67) (2.23.0)
Requirement already satisfied: lxml>=4.5.1 in /usr/local/lib/python3.7/dist-packages (from yfinance==0.1.67) (4.9.1)
Requirement already satisfied: pytz>=2017.3 in /usr/local/lib/python3.7/dist-packages (from pandas>=0.24->yfinance==0.1.67) (2022.6)
Requirement already satisfied: python-dateutil>=2.7.3 in /usr/local/lib/python3.7/dist-packages (from pandas>=0.24->yfinance==0.1.67) (2.8.2)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.7/dist-packages (from python-dateutil>=2.7.3->pandas>=0.24->yfinance==0.1.67) (
Requirement already satisfied: urllib3!=1.25.0,!=1.25.1,<1.26,>=1.21.1 in /usr/local/lib/python3.7/dist-packages (from requests>=2.20->yfinance==
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-packages (from requests>=2.20->yfinance==0.1.67) (2022.9.24)
Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages (from requests>=2.20->yfinance==0.1.67) (2.10)
Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-packages (from requests>=2.20->yfinance==0.1.67) (3.0.4)
Installing collected packages: yfinance
Successfully installed yfinance-0.1.67
```

```
[2] import yfinance as yf
    import pandas as pd
```

```
[3] tesla = yf.Ticker("TES")
```

```
[4] tesla_info = tesla.info
    tesla.info
```

```
{'symbol': 'TES',
 'quoteType': 'MUTUALFUND',
 'exchange': 'YHD',
 'exchangeTimezoneName': 'America/New_York',
 'exchangeTimezoneShortName': 'EST',
 'gmtOffSetMilliseconds': '-18000000',
 'market': 'us_market',
 'isEsgPopulated': False,
 'quoteSourceName': 'Delayed Quote',
 'regularMarketOpen': None,
 'averageDailyVolume3Month': 49600,
 'regularMarketTime': 1561759658,
 'volume24Hr': None,
 'regularMarketDayHigh': None,
 'shortName': None,
 'averageDailyVolume10Day': 49600,
 'longName': None,
 'regularMarketChange': None,
 'regularMarketPreviousClose': None,
 'preMarketPrice': None,
 'exchangeDataDelayedBy': 0,
 'toCurrency': None,
 'postMarketChange': None,
 'postMarketPrice': None,
 'exchangeName': 'YHD',
```

```
    'preMarketChange': None,
    'circulatingSupply': None,
    'regularMarketDayLow': None,
    'priceHint': 2,
    'regularMarketPrice': None,
    'regularMarketVolume': None,
    'lastMarket': None,
    'regularMarketSource': 'DELAYED',
    'openInterest': None,
    'marketState': 'PRE',
    'underlyingSymbol': None,
    'marketCap': None,
    'volumeAllCurrencies': None,
    'strikePrice': None,
    'maxAge': 1,
    'fromCurrency': None,
    'logo_url': ''}
```

```
[6] tesla_price_share_data = tesla.history(period = 'max')
```

```
tesla_price_share_data.head()
```

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
1996-08-08	1128.0	1140.0	1080.0	1080.0	60	0	0
1996-08-09	1080.0	1080.0	1080.0	1080.0	20	0	0
1996-08-12	1110.0	1110.0	1080.0	1080.0	10	0	0
1996-08-13	1140.0	1140.0	1080.0	1080.0	10	0	0
1996-08-14	1080.0	1080.0	1080.0	1080.0	20	0	0

GameStop Stocks:

```
[11]  import yfinance as yf
      import pandas as pd
```

```
[12]  GameStop = yf.Ticker("gme")
```

```
GameStop_info = GameStop.info
GameStop_info
```

{'zip': '76051',
 'sector': 'Consumer Cyclical',
 'fullTimeEmployees': 12000,
 'longBusinessSummary': 'GameStop Corp., a specialty retailer, provides games and entertainment products through its e-commerce properties and various stores in the United States, Canada, Australia, and Europe. The company sells new and pre-owned gaming platforms; accessories, such as controllers, gaming headsets, virtual reality products, and memory cards; new and pre-owned gaming software; and in-game digital currency, digital downloadable content, and full-game downloads. It also sells collectibles comprising licensed merchandise primarily related to the gaming, television, and movie industries, as well as pop culture themes. As of January 29, 2022, the company operated 4,573 stores and ecommerce sites under the GameStop, EB Games, and Micromania brands; and 50 pop culture themed stores that sell collectibles, apparel, gadgets, electronics, toys, and other retail products under the Zing Pop Culture brand, as well as offers Game Informer, a print and digital video game publication featuring reviews of new releases, previews of the big titles on the horizon, and coverage of the latest developments in the gaming industry. The company was formerly known as GSC Holdings Corp. GameStop Corp. was founded in 1996 and is headquartered in Grapevine, Texas.',
 'city': 'Grapevine',
```

```
 'phone': '817 424 2000',
 'state': 'TX',
 'country': 'United States',
 'companyOfficers': [],
 'website': 'https://www.gamestop.com',
 'maxAge': 1,
 'address1': '625 Westport Parkway',
 'industry': 'Specialty Retail',
 'ebitdaMargins': -0.0648,
 'profitMargins': -0.08566,
 'grossMargins': 0.21064,
 'operatingCashflow': -811299968,
 'revenueGrowth': -0.04,
 'operatingMargins': -0.07689,
 'ebitda': -393000000,
 'targetLowPrice': 6,
 'recommendationKey': 'underperform',
 'grossProfits': 1347800000,
 'freeCashflow': -666649984,
 'targetMedianPrice': 16,
 'currentPrice': 26.1,
 'earningsGrowth': None,
 'currentRatio': 2.166,
 'returnOnAssets': -0.09186,
 'numberOfAnalystOpinions': 2,
 'targetMeanPrice': 16,
```

```
[14] GameStop_price_share_data = GameStop.history(period = 'max')
```

```
GameStop_price_share_data.head()
```

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
2002-02-13	1.620128	1.693350	1.603296	1.691666	76216000	0.0	0.0
2002-02-14	1.712708	1.716074	1.670626	1.683251	11021600	0.0	0.0
2002-02-15	1.683250	1.687458	1.658002	1.674834	8389600	0.0	0.0
2002-02-19	1.666417	1.666417	1.578047	1.607504	7410400	0.0	0.0
2002-02-20	1.615920	1.662210	1.603296	1.662210	6892800	0.0	0.0