

```
In [26]: !pip install yfinance==0.1.93
```

```
Requirement already satisfied: yfinance==0.1.93 in ./opt/anaconda3/lib/python3.9/site-packages (0.1.93)
Requirement already satisfied: pandas>=1.3.0 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(1.4.2)
Requirement already satisfied: requests>=2.26 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(2.27.1)
Requirement already satisfied: appdirs>=1.4.4 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(1.4.4)
Requirement already satisfied: multitasking>=0.0.7 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(0.0.11)
Requirement already satisfied: lxml>=4.9.1 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(4.9.2)
Requirement already satisfied: cryptography>=3.3.2 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(3.4.8)
Requirement already satisfied: numpy>=1.16.5 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.93)
(1.21.5)
Requirement already satisfied: cffi>=1.12 in ./opt/anaconda3/lib/python3.9/site-packages (from cryptography>=3.3.2->yfinance==0.1.93) (1.15.0)
Requirement already satisfied: pycparser in ./opt/anaconda3/lib/python3.9/site-packages (from cffi>=1.12->cryptography>=3.3.2->yfinance==0.1.93) (2.21)
Requirement already satisfied: python-dateutil>=2.8.1 in ./opt/anaconda3/lib/python3.9/site-packages (from pandas>=1.3.0->yfinance==0.1.93) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in ./opt/anaconda3/lib/python3.9/site-packages (from pandas>=1.3.0->yfinance==0.1.93) (2021.3)
Requirement already satisfied: six>=1.5 in ./opt/anaconda3/lib/python3.9/site-packages (from python-dateutil>=2.8.1->pandas>=1.3.0->yfinance==0.1.93) (1.16.0)
Requirement already satisfied: charset-normalizer~=2.0.0 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.26->yfinance==0.1.93) (2.0.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.26->yfinance==0.1.93) (1.26.9)
Requirement already satisfied: idna<4,>=2.5 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.26->yfinance==0.1.93) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.26->yfinance==0.1.93) (2021.10.8)
```

```
In [88]: import yfinance as yf
import pandas as pd
```

```
In [89]: apple = yf.Ticker("AAPL")
```

```
In [90]: apple_info=apple.info
apple_info
```

```
Out[90]: {'zip': '95014',
'sector': 'Technology',
'fullTimeEmployees': 164000,
'longBusinessSummary': 'Apple Inc. designs, manufactures, and markets smartphones, personal computers, tablets, wearables, and accessories worldwide. It also sells various related services. In addition, the company offers iPhone, a line of smartphones; Mac, a line of personal computers; iPad, a line of multi-purpose tablets; and wearables, home, and accessories comprising AirPods, Apple TV, Apple Watch, Beats products, and HomePod. Further, it provides AppleCare support and cloud services store services; and operates various platforms, including the App Store that allow customers to discover and download applications and digital content, such as books, music, video, games, and podcasts. Additionally, the company offers various services, such as Apple Arcade, a game subscription service; Apple Fitness+, a personalized fitness service; Apple Music, which offers users a curated listening experience with on-demand radio stations; Apple News+, a subscription news and magazine service; Apple TV+, which offers exclusive original content; Apple Card, a co-branded credit card; and Apple Pay, a cashless payment service, as well as licenses its intellectual property. The company serves consumers, and small and mid-sized businesses; and the education, enterprise, and government markets. It distributes third-party applications for its products through the App Store. The company also sells its products through its retail and online stores, and direct sales force; and third-party cellular network carriers, wholesalers, retailers, and resellers. Apple Inc. was incorporated in 1977 and is headquartered in Cupertino, California.',
'city': 'Cupertino',
'country': 'United States'}
```

```
In [91]: apple_info['country']
```

```
Out[91]: 'United States'
```

```
In [92]: apple_share_price = apple.history(period="max")
```

```
In [39]: apple_share_price.head()
```

```
Out[39]:
```

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
1980-12-12 00:00:00-05:00	0.099874	0.100308	0.099874	0.099874	469033600	0.0	0.0
1980-12-15 00:00:00-05:00	0.095098	0.095098	0.094663	0.094663	175884800	0.0	0.0
1980-12-16 00:00:00-05:00	0.088149	0.088149	0.087715	0.087715	105728000	0.0	0.0
1980-12-17 00:00:00-05:00	0.089886	0.090320	0.089886	0.089886	86441600	0.0	0.0
1980-12-18 00:00:00-05:00	0.092492	0.092926	0.092492	0.092492	73449600	0.0	0.0

```
In [40]: apple_share_price.reset_index(inplace=True)
```

```
In [49]: apple_share_price.max()
```

```
Out[49]:
```

Date	2022-12-30 00:00:00-05:00
Open	181.576187
High	181.884396
Low	178.086431
Close	180.959747
Volume	7421640800
Dividends	0.23
Stock Splits	7.0

dtype: object

```
In [56]: apple_share_price.min()
```

```
Out[56]:
```

Date	1980-12-12 00:00:00-05:00
Open	0.038647
High	0.038647
Low	0.038213
Close	0.038213
Volume	0
Dividends	0.0
Stock Splits	0.0

dtype: object

```
In [60]: apple_share_price.mean()
```

```
Out[60]:
```

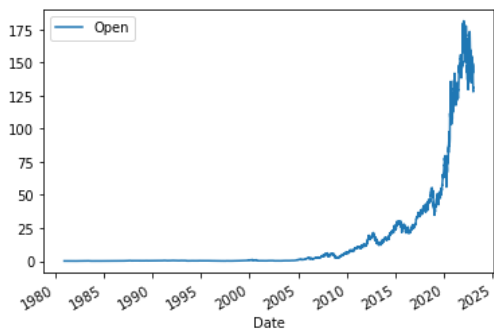
Open	1.579904e+01
High	1.597906e+01
Low	1.562046e+01
Close	1.580601e+01
Volume	3.276672e+08
Dividends	6.444934e-04
Stock Splits	1.603320e-03

dtype: float64

```
In [ ]:
```

```
In [42]: apple_share_price.plot(x="Date", y="Open")
```

```
Out[42]: <AxesSubplot:xlabel='Date'>
```



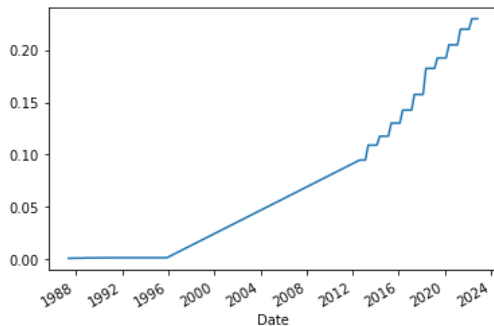
```
In [ ]:
```

```
In [47]: apple.dividends
```

```
Out[47]: Date
1987-05-11 00:00:00-04:00    0.000536
1987-08-10 00:00:00-04:00    0.000536
1987-11-17 00:00:00-05:00    0.000714
1988-02-12 00:00:00-05:00    0.000714
1988-05-16 00:00:00-04:00    0.000714
...
2021-11-05 00:00:00-04:00    0.220000
2022-02-04 00:00:00-05:00    0.220000
2022-05-06 00:00:00-04:00    0.230000
2022-08-05 00:00:00-04:00    0.230000
2022-11-04 00:00:00-04:00    0.230000
Name: Dividends, Length: 77, dtype: float64
```

```
In [48]: apple.dividends.plot()
```

```
Out[48]: <AxesSubplot:xlabel='Date'>
```



```
In [74]: AMDe = yf.Ticker("AMD")
```

```
In [75]: AMD_info=AMDe.info
AMD_info
```

```
Out[75]: {'zip': '95054',
'sector': 'Technology',
'fullTimeEmployees': 15500,
'longBusinessSummary': 'Advanced Micro Devices, Inc. operates as a semiconductor company worldwide. The company operates in two segments, Computing and Graphics; and Enterprise, Embedded and Semi-Custom. Its products include x86 microprocessors as an accelerated processing unit, chipsets, discrete and integrated graphics processing units (GPUs), data center and professional GPUs, and development services; and server and embedded processors, and semi-custom System-on-Chip (SoC) products, development services, and technology for game consoles. The company provides processors for desktop and notebook personal computers under the AMD Ryzen, AMD Ryzen PRO, Ryzen Threadripper, Ryzen Threadripper PRO, AMD Athlon, AMD Athlon PRO, AMD FX, AMD A-Series, and AMD PRO A-Series processors brands; discrete GPUs for desktop and notebook PCs under the AMD Radeon graphics, AMD Embedded Radeon graphics brands; and professional graphics products under the AMD Radeon Pro and AMD FirePro graphics brands. It also offers Radeon Instinct, Radeon PRO V-Series, and AMD Instinct accelerators for servers; chipsets under the AMD trademark; microprocessors for servers under the AMD EPYC; embedded processor solutions under the AMD Athlon, AMD Geode, AMD Ryzen, AMD EPYC, AMD R-Series, and G-Series processors brands; and customer-specific solutions based on AMD CPU, GPU, and multi-media technologies, as well as semi-custom SoC products. It serves original equipment manufacturers, public cloud service providers, original design manufacturers, system integrators, independent distributors, online retailers, and add-in-board manufacturers through its direct sales force, independent distributors, and sales representatives. The company was incorporated in 1969 and is headquartered in Santa Clara, California.',
'country': 'United States',
'sector': 'Technology'}
```

```
In [76]: AMD_info['country']
```

```
Out[76]: 'United States'
```

```
In [77]: AMD_info['sector']
```

```
Out[77]: 'Technology'
```

```
In [78]: AMD_share_price_data = AMDe.history(period="max")
```

```
In [79]: AMD_share_price_data.head()
```

Out[79]:

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
1980-03-17 00:00:00-05:00	0.0	3.302083	3.125000	3.145833	219600	0	0.0
1980-03-18 00:00:00-05:00	0.0	3.125000	2.937500	3.031250	727200	0	0.0
1980-03-19 00:00:00-05:00	0.0	3.083333	3.020833	3.041667	295200	0	0.0
1980-03-20 00:00:00-05:00	0.0	3.062500	3.010417	3.010417	159600	0	0.0
1980-03-21 00:00:00-05:00	0.0	3.020833	2.906250	2.916667	130800	0	0.0

```
In [80]: AMD_Share_price_data.max()
```

```
-----
NameError                                Traceback (most recent call last)
Input In [80], in <cell line: 1>()
----> 1 AMD_Share_price_data.max()

NameError: name 'AMD_Share_price_data' is not defined
```

```
In [81]: !pip install yfinance==0.1.67
!mamba install bs4==4.10.0 -y
!pip install nbformat==4.2.0
```

```
Collecting yfinance==0.1.67
  Downloading yfinance-0.1.67-py2.py3-none-any.whl (25 kB)
Requirement already satisfied: pandas>=0.24 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.67) (1.4.2)
Requirement already satisfied: multitasking>=0.0.7 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.67) (0.0.11)
Requirement already satisfied: lxml>=4.5.1 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.67) (4.9.2)
Requirement already satisfied: numpy>=1.15 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.67) (1.21.5)
Requirement already satisfied: requests>=2.20 in ./opt/anaconda3/lib/python3.9/site-packages (from yfinance==0.1.67) (2.27.1)
Requirement already satisfied: python-dateutil>=2.8.1 in ./opt/anaconda3/lib/python3.9/site-packages (from pandas>=0.24->yfinance==0.1.67) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in ./opt/anaconda3/lib/python3.9/site-packages (from pandas>=0.24->yfinance==0.1.67) (2021.3)
Requirement already satisfied: six>=1.5 in ./opt/anaconda3/lib/python3.9/site-packages (from python-dateutil>=2.8.1->pandas>=0.24->yfinance==0.1.67) (1.16.0)
Requirement already satisfied: charset-normalizer==2.0.0 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.20->yfinance==0.1.67) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.20->yfinance==0.1.67) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.20->yfinance==0.1.67) (2021.10.8)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in ./opt/anaconda3/lib/python3.9/site-packages (from requests>=2.20->yfinance==0.1.67) (1.26.9)
Installing collected packages: yfinance
  Attempting uninstall: yfinance
    Found existing installation: yfinance 0.1.93
    Uninstalling yfinance-0.1.93:
      Successfully uninstalled yfinance-0.1.93
Successfully installed yfinance-0.1.67
zsh:1: command not found: mamba
Collecting nbformat==4.2.0
  Downloading nbformat-4.2.0-py2.py3-none-any.whl (153 kB)
    153 kB 2.0 MB/s eta 0:00:01
Requirement already satisfied: ipython-genutils in ./opt/anaconda3/lib/python3.9/site-packages (from nbformat==4.2.0) (0.2.0)
Requirement already satisfied: traitlets>=4.1 in ./opt/anaconda3/lib/python3.9/site-packages (from nbformat==4.2.0) (5.1.1)
Requirement already satisfied: jupyter-core in ./opt/anaconda3/lib/python3.9/site-packages (from nbformat==4.2.0) (4.9.2)
Requirement already satisfied: jsonschema!=2.5.0,>=2.4 in ./opt/anaconda3/lib/python3.9/site-packages (from nbformat==4.2.0) (4.4.0)
Requirement already satisfied: pyparsing!=0.17.0,!0.17.1,!0.17.2,>=0.14.0 in ./opt/anaconda3/lib/python3.9/site-packages (from jsonschema!=2.5.0,>=2.4->nbformat==4.2.0) (0.18.0)
Requirement already satisfied: attrs>=17.4.0 in ./opt/anaconda3/lib/python3.9/site-packages (from jsonschema!=2.5.0,>=2.4->nbformat==4.2.0) (21.4.0)
Installing collected packages: nbformat
  Attempting uninstall: nbformat
    Found existing installation: nbformat 5.3.0
    Uninstalling nbformat-5.3.0:
      Successfully uninstalled nbformat-5.3.0
ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This behaviour is the source of the following dependency conflicts.
conda-repo-cli 1.0.4 requires pathlib, which is not installed.
nbconvert 6.4.4 requires nbformat>=4.4, but you have nbformat 4.2.0 which is incompatible.
nbclient 0.5.13 requires nbformat>=5.0, but you have nbformat 4.2.0 which is incompatible.
conda-repo-cli 1.0.4 requires nbformat>=4.4.0, but you have nbformat 4.2.0 which is incompatible.
anaconda-client 1.9.0 requires nbformat>=4.4.0, but you have nbformat 4.2.0 which is incompatible.
Successfully installed nbformat-4.2.0
```

```
In [82]: import yfinance as yf
import pandas as pd
import requests
from bs4 import BeautifulSoup
import plotly.graph_objects as go
from plotly.subplots import make_subplots
```

```
In [83]: def make_graph(stock_data, revenue_data, stock):
fig = make_subplots(rows=2, cols=1, shared_xaxes=True, subplot_titles=("Historical Share Price", "Historical Revenue"))
stock_data_specific = stock_data[stock_data.Date <= '2021-06-14']
revenue_data_specific = revenue_data[revenue_data.Date <= '2021-04-30']
fig.add_trace(go.Scatter(x=pd.to_datetime(stock_data_specific.Date, infer_datetime_format=True), y=stock_data_specific.Close,
fig.add_trace(go.Scatter(x=pd.to_datetime(revenue_data_specific.Date, infer_datetime_format=True), y=revenue_data_specific.Revenue,
fig.update_xaxes(title_text="Date", row=1, col=1)
fig.update_xaxes(title_text="Date", row=2, col=1)
fig.update_yaxes(title_text="Price ($US)", row=1, col=1)
fig.update_yaxes(title_text="Revenue ($US Millions)", row=2, col=1)
fig.update_layout(showlegend=False,
height=900,
title=stock,
xaxis_rangeslider_visible=True)
fig.show()
```

```
In [84]: import yfinance as yf
```

```
In [85]: import pandas as pd
```

```
In [86]: tesla = yf.Ticker("TSLA")
```

```
In [93]: tesla_info=tesla.info
tesla_info
```

```
Out[93]: {'zip': '78725',
'sector': 'Consumer Cyclical',
'fullTimeEmployees': 99290,
'longBusinessSummary': 'Tesla, Inc. designs, develops, manufactures, leases, and sells electric vehicles, and energy generation and storage systems in the United States, China, and internationally. The company operates in two segments, Automotive, and Energy Generation and Storage. The Automotive segment offers electric vehicles, as well as sells automotive regulatory credits. It provides sedans and sport utility vehicles through direct and used vehicle sales, a network of Tesla Superchargers, and in-app upgrades; and purchase financing and leasing services. This segment is also involved in the provision of non-warranty after-sales vehicle services, sale of used vehicles, retail merchandise, and vehicle insurance, as well as sale of products to third party customers; services for electric vehicles through its company-owned service locations, and Tesla mobile service technicians; and vehicle limited warranties and extended service plans. The Energy Generation and Storage segment engages in the design, manufacture, installation, sale, and leasing of solar energy generation and energy storage products, and related services to residential, commercial, and industrial customers and utilities through its website, stores, and galleries, as well as through a network of channel partners. This segment also offers service and repairs to its energy product customers, including under warranty; and various financing options to its solar customers. The company was formerly known as Tesla Motors, Inc. and changed its name to Tesla, Inc. in February 2017. Tesla, Inc. was incorporated in 2003 and is headquartered in Austin, Texas.',
'city': 'Austin',
'country': 'United States'}
```

```
In [97]: tesla_info['country']
```

```
Out[97]: 'United States'
```

```
In [98]: tesla_info['sector']
```

```
Out[98]: 'Consumer Cyclical'
```

```
In [103]: tesla_share_price_data = tesla.history(period="max")
```

```
In [104]: tesla_share_price_data.head()
```

```
Out[104]:
```

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
2010-06-29 00:00:00-04:00	1.266667	1.666667	1.169333	1.592667	281494500	0	0.0
2010-06-30 00:00:00-04:00	1.719333	2.028000	1.553333	1.588667	257806500	0	0.0
2010-07-01 00:00:00-04:00	1.666667	1.728000	1.351333	1.464000	123282000	0	0.0
2010-07-02 00:00:00-04:00	1.533333	1.540000	1.247333	1.280000	77097000	0	0.0
2010-07-06 00:00:00-04:00	1.333333	1.333333	1.055333	1.074000	103003500	0	0.0

```
In [105]: tesla_share_price_data.max()
```

```
Out[105]: Open      4.114700e+02
High      4.144967e+02
Low       4.056667e+02
Close     4.099700e+02
Volume    9.140820e+08
Dividends 0.000000e+00
Stock Splits 5.000000e+00
dtype: float64
```

```
In [107]: tesla_share_price_data.min()
```

```
Out[107]: Open          1.076000e+00
High           1.108667e+00
Low            9.986670e-01
Close          1.053333e+00
Volume         1.777500e+06
Dividends      0.000000e+00
Stock Splits   0.000000e+00
dtype: float64
```

```
In [109]: tesla_share_volume_data = tesla.history(period="max")
```

```
In [110]: tesla_share_volume_data.max()
```

```
Out[110]: Open          4.114700e+02
High           4.144967e+02
Low            4.056667e+02
Close          4.099700e+02
Volume         9.140820e+08
Dividends      0.000000e+00
Stock Splits   5.000000e+00
dtype: float64
```

```
In [118]: def make_graph(stock_data, revenue_data, stock):
fig = make_subplots(rows=2, cols=1, shared_xaxes=True, subplot_titles=("Historical Share Price", "Historical Revenue"))
stock_data_specific = stock_data[stock_data.Date <= '2021--06-14']
revenue_data_specific = revenue_data[revenue_data.Date <= '2021-04-30']
fig.add_trace(go.Scatter(x=pd.to_datetime(stock_data_specific.Date, infer_datetime_format=True), y=stock_data_specific.Close,
fig.add_trace(go.Scatter(x=pd.to_datetime(revenue_data_specific.Date, infer_datetime_format=True), y=revenue_data_specific.Revenue,
fig.update_xaxes(title_text="Date", row=1, col=1)
fig.update_xaxes(title_text="Date", row=2, col=1)
fig.update_yaxes(title_text="Price ($US)", row=1, col=1)
fig.update_yaxes(title_text="Revenue ($US Millions)", row=2, col=1)
fig.update_layout(showlegend=False,
height=900,
title=stock,
xaxis_rangeslider_visible=True)
fig.show()
```

```
In [111]: GME=yf.Ticker("GME")
```

```
In [113]: GME_info=GME.info
GME_info
```

```
Out[113]: {'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 e-commerce 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': 'http://www.gamestop.com',
'industry': 'Electronic Gaming & Multimedia',
'business': 'GameStop Corp. is a specialty retailer, providing 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 e-commerce 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.',
'ceo': 'Ryan Cohen',
'employees': 12000,
'founded': 1996,
'headquarters': 'Grapevine, Texas',
'website': 'http://www.gamestop.com',
'industry': 'Electronic Gaming & Multimedia',
'business': 'GameStop Corp. is a specialty retailer, providing 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 e-commerce 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.',
'ceo': 'Ryan Cohen',
'employees': 12000,
'founded': 1996,
'headquarters': 'Grapevine, Texas',
'website': 'http://www.gamestop.com',
'industry': 'Electronic Gaming & Multimedia',
'business': 'GameStop Corp. is a specialty retailer, providing 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 e-commerce 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.'}
```

```
In [114]: GME_share_price_data = GME.history(period="max")
```

```
In [115]: GME_share_price_data.head()
```

```
Out[115]:
```

	Open	High	Low	Close	Volume	Dividends	Stock Splits
Date							
2002-02-13 00:00:00-05:00	1.620128	1.693350	1.603296	1.691667	76216000	0.0	0.0
2002-02-14 00:00:00-05:00	1.712707	1.716073	1.670626	1.683250	11021600	0.0	0.0
2002-02-15 00:00:00-05:00	1.683250	1.687458	1.658002	1.674834	8389600	0.0	0.0
2002-02-19 00:00:00-05:00	1.666418	1.666418	1.578048	1.607504	7410400	0.0	0.0
2002-02-20 00:00:00-05:00	1.615920	1.662210	1.603296	1.662210	6892800	0.0	0.0

```
In [119]: def make_graph(stock_data, revenue_data, stock):
fig = make_subplots(rows=2, cols=1, shared_xaxes=True, subplot_titles=("Historical Share Price", "Historical Revenue"))
stock_data_specific = stock_data[stock_data.Date <= '2021-06-14']
revenue_data_specific = revenue_data[revenue_data.Date <= '2021-04-30']
fig.add_trace(go.Scatter(x=pd.to_datetime(stock_data_specific.Date, infer_datetime_format=True), y=stock_data_specific.Close,
fig.add_trace(go.Scatter(x=pd.to_datetime(revenue_data_specific.Date, infer_datetime_format=True), y=revenue_data_specific.Revenue,
fig.update_xaxes(title_text="Date", row=1, col=1)
fig.update_xaxes(title_text="Date", row=2, col=1)
fig.update_yaxes(title_text="Price ($US)", row=1, col=1)
fig.update_yaxes(title_text="Revenue ($US Millions)", row=2, col=1)
fig.update_layout(showlegend=False,
height=900,
title=stock,
xaxis_rangeslider_visible=True)
fig.show()
```

```
In [ ]:
```