In [10]:
```
pip install yfinance
```

```
Defaulting to user installation because normal site-packages is not
writeable
Requirement already satisfied: yfinance in c:\users\admin\appdata\ro
aming\python\python311\site-packages (0.2.46)
Requirement already satisfied: pandas>=1.3.0 in c:\programdata\anaco
nda3\lib\site-packages (from yfinance) (1.5.3)
Requirement already satisfied: numpy>=1.16.5 in c:\programdata\anaco
nda3\lib\site-packages (from yfinance) (1.24.3)
Requirement already satisfied: requests>=2.31 in c:\users\admin\appd
ata\roaming\python\python311\site-packages (from yfinance) (2.32.3)
Requirement already satisfied: multitasking>=0.0.7 in c:\users\admin
\appdata\roaming\python\python311\site-packages (from yfinance) (0.
0.11)
Requirement already satisfied: lxml>=4.9.1 in c:\programdata\anacond
a3\lib\site-packages (from yfinance) (4.9.2)
Requirement already satisfied: platformdirs>=2.0.0 in c:\programdata
\anaconda3\lib\site-packages (from yfinance) (2.5.2)
Requirement already satisfied: pytz>=2022.5 in c:\programdata\anacon
da3\lib\site-packages (from yfinance) (2022.7)
```

In [2]:
```
!pip install yfinance
```

```
Defaulting to user installation because normal site-packages is not
writeable

  WARNING: The script sample.exe is installed in 'C:\Users\admin\App
Data\Roaming\Python\Python311\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppre
ss this warning, use --no-warn-script-location.
ERROR: pip's dependency resolver does not currently take into accoun
t all the packages that are installed. This behaviour is the source
of the following dependency conflicts.
conda-repo-cli 1.0.41 requires requests_mock, which is not installe
d.
transformers 2.1.1 requires sentencepiece, which is not installed.
conda-repo-cli 1.0.41 requires clyent==1.2.1, but you have clyent 1.
2.2 which is incompatible.
conda-repo-cli 1.0.41 requires nbformat==5.4.0, but you have nbforma
t 5.7.0 which is incompatible.
conda-repo-cli 1.0.41 requires requests==2.28.1, but you have reques
ts 2.32.3 which is incompatible.
```

In [3]:
```
import yfinance as yf

# Download Tesla stock data
tesla_stock = yf.Ticker('TSLA')
tesla_data = tesla_stock.history(period="max")

# Display the first few rows
tesla_data.head()
```

Out[3]:

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

In [4]:
```
!pip install requests beautifulsoup4
```

```
Defaulting to user installation because normal site-packages is not wr
iteable
Requirement already satisfied: requests in c:\users\admin\appdata\roam
ing\python\python311\site-packages (2.32.3)
Requirement already satisfied: beautifulsoup4 in c:\programdata\anacon
da3\lib\site-packages (4.12.2)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\programd
ata\anaconda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\programdata\anaconda
3\lib\site-packages (from requests) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\programdata\an
aconda3\lib\site-packages (from requests) (1.26.16)
Requirement already satisfied: certifi>=2017.4.17 in c:\programdata\an
aconda3\lib\site-packages (from requests) (2023.5.7)
Requirement already satisfied: soupsieve>1.2 in c:\programdata\anacond
a3\lib\site-packages (from beautifulsoup4) (2.4)
```

In [5]:
```
import requests
from bs4 import BeautifulSoup
import pandas as pd

# URL containing Tesla revenue data
url = "https://finance.yahoo.com/quote/TSLA/financials"

response = requests.get(url)
soup = BeautifulSoup(response.text, 'html.parser')

# Extract the required revenue data
# Customize this code based on the structure of the page
# For now, we'll assume you extract revenue data into a table

tables = pd.read_html(response.text)
revenue_data = tables[0]  # Adjust the table index as per need
print(revenue_data.head())
```

```
                                                   0
0  Will be right back...  Thank you for your pati...
```

In [6]:
```
# Download GameStop stock data
gamestop_stock = yf.Ticker('GME')
gamestop_data = gamestop_stock.history(period="max")

# Display the first few rows
gamestop_data.head()
```

Out[6]:

Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
2002-02-13 00:00:00-05:00	1.620129	1.693350	1.603296	1.691667	76216000	0.0	0.0
2002-02-14 00:00:00-05:00	1.712707	1.716074	1.670626	1.683250	11021600	0.0	0.0
2002-02-15 00:00:00-05:00	1.683251	1.687459	1.658002	1.674835	8389600	0.0	0.0
2002-02-19 00:00:00-05:00	1.666418	1.666418	1.578047	1.607504	7410400	0.0	0.0
2002-02-20 00:00:00-05:00	1.615921	1.662210	1.603296	1.662210	6892800	0.0	0.0

In [7]:
```
# URL containing GameStop revenue data
url = "https://finance.yahoo.com/quote/GME/financials"

response = requests.get(url)
soup = BeautifulSoup(response.text, 'html.parser')

# Extract the required revenue data (adjust as needed)
tables = pd.read_html(response.text)
revenue_data_gme = tables[0]
print(revenue_data_gme.head())
```

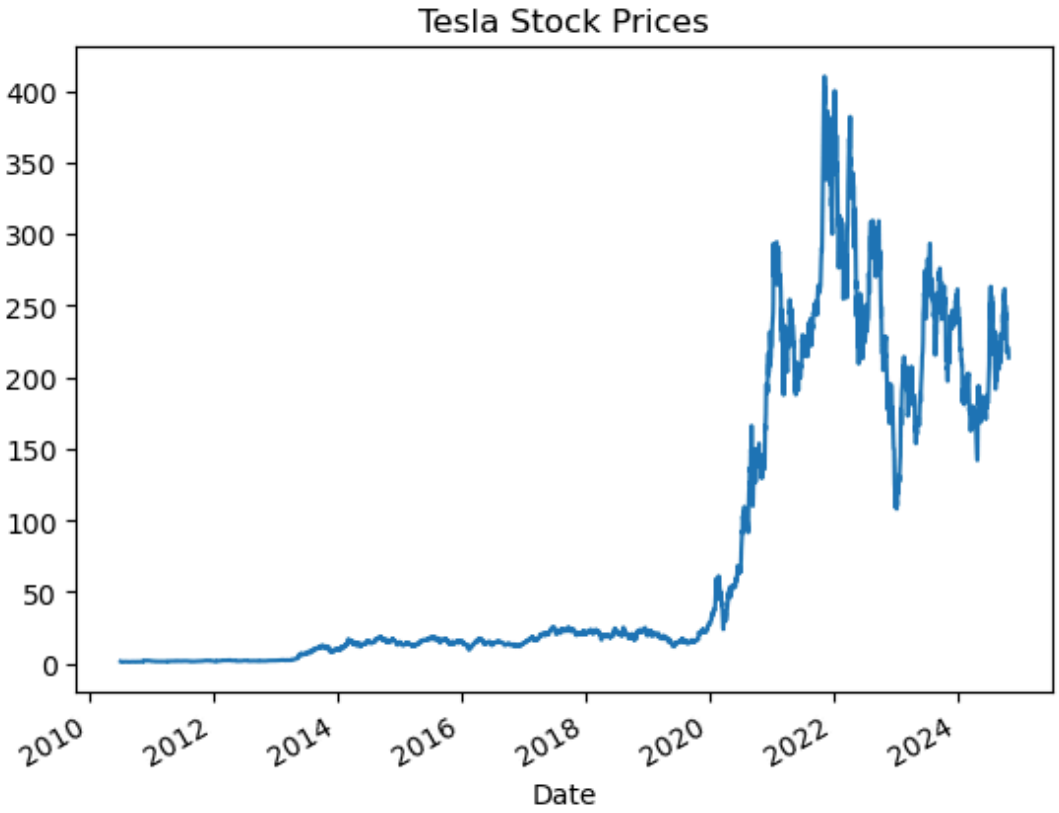
```
                                                   0
0  Will be right back...  Thank you for your pati...
```

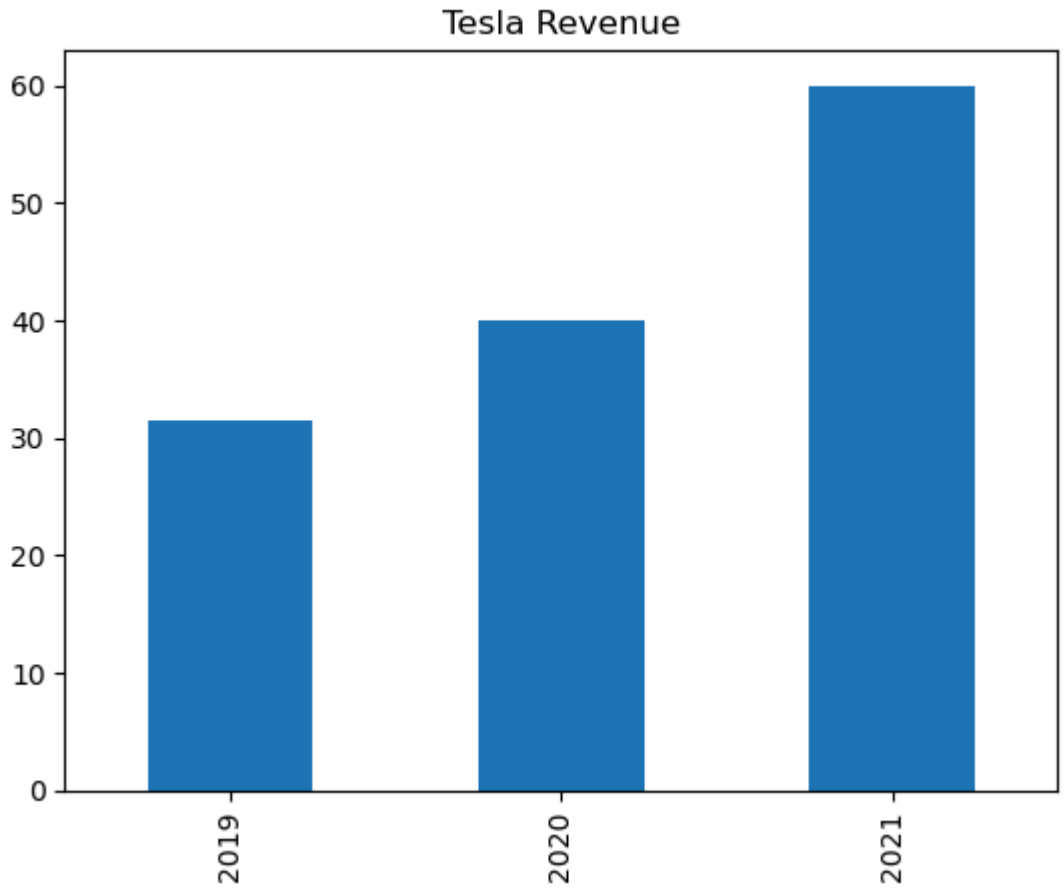
In [8]:

```
import matplotlib.pyplot as plt

# Plot Tesla Stock Data
tesla_data['Close'].plot(title="Tesla Stock Prices")
plt.show()

# Plot Tesla Revenue Data (example with dummy data)
tesla_revenue = pd.Series([31.5, 40.0, 60.0], index=['2019', '2020', '20
tesla_revenue.plot(kind='bar', title="Tesla Revenue")
plt.show()
```

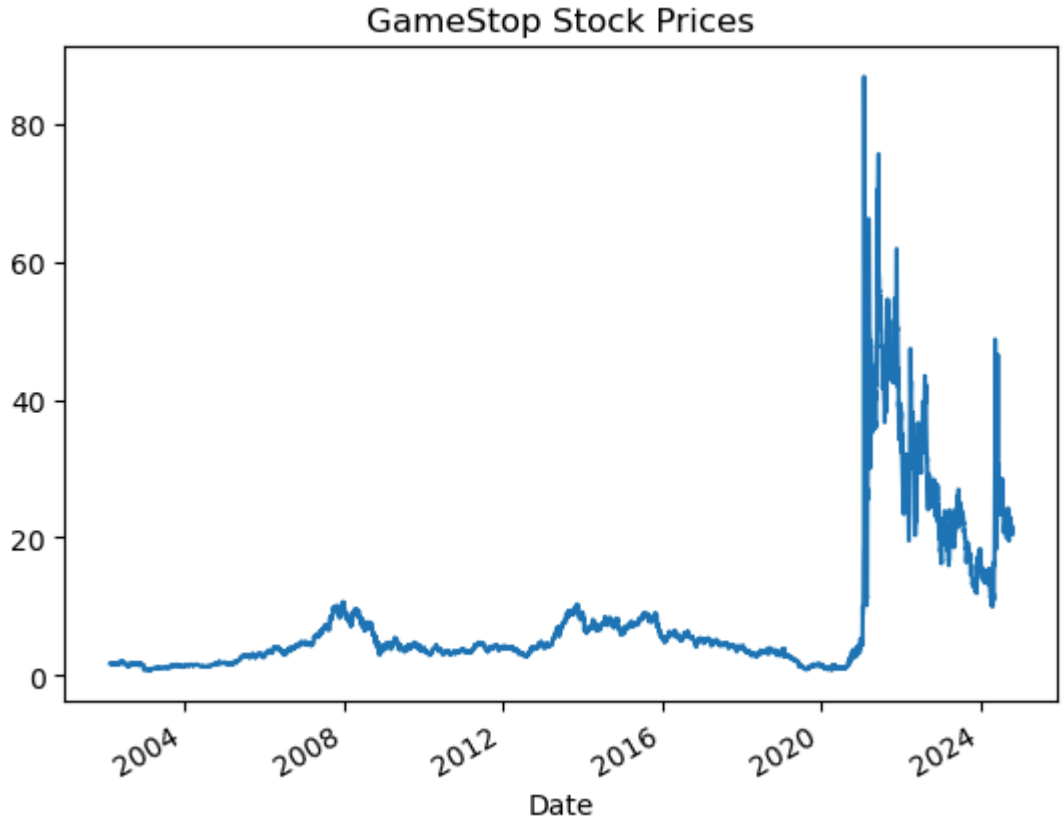


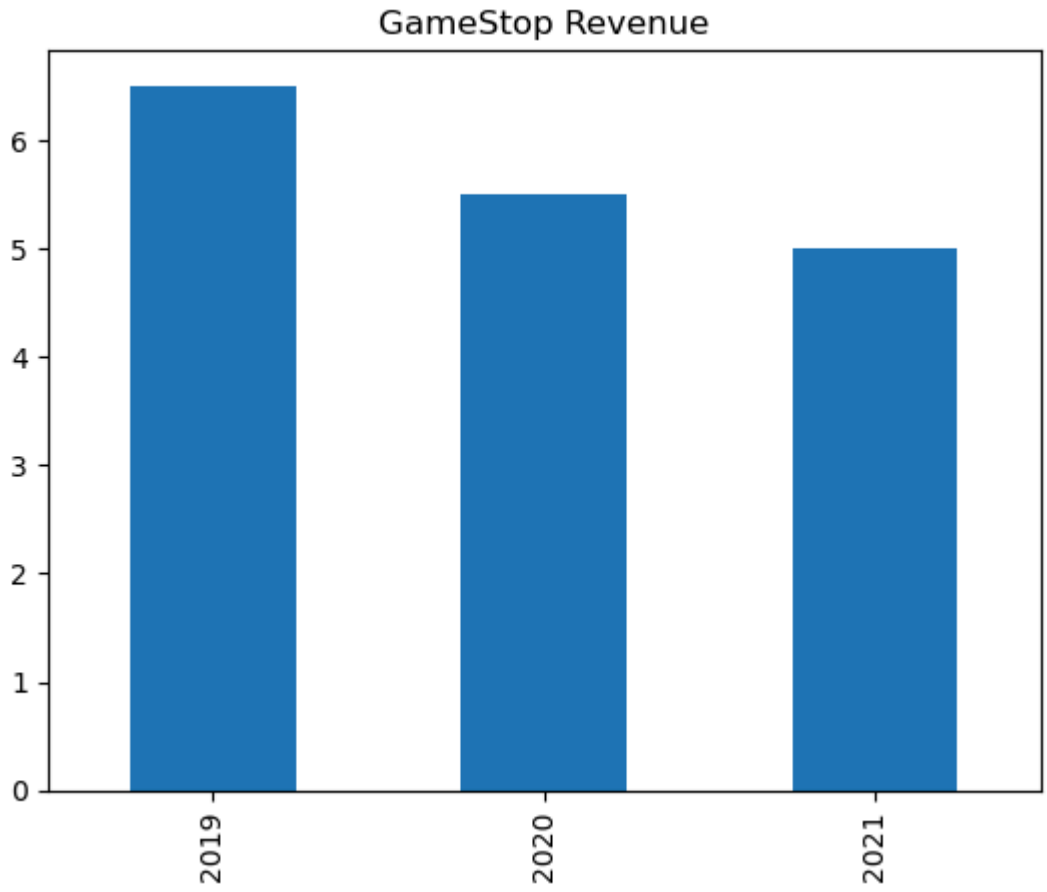

Tesla Revenue
60
50
40
30
20
10
0
2019
2020
2021

In [9]:

```
# Plot GameStop Stock Data
gamestop_data['Close'].plot(title="GameStop Stock Prices")
plt.show()

# Plot GameStop Revenue Data (example with dummy data)
gamestop_revenue = pd.Series([6.5, 5.5, 5.0], index=['2019', '2020', '2(
gamestop_revenue.plot(kind='bar', title="GameStop Revenue")
plt.show()
```





In [ ]: