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In [4]: 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 [14]: url="https://www.macrotrends.net/stocks/charts/GME/gamestop/revenue."
html_data=requests.get(url).text
```

```
In [15]: 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"), vertical_labels=["Share Price", "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, mode='lines'))
    fig.add_trace(go.Scatter(x=pd.to_datetime(revenue_data_specific.Date, infer_datetime_format=True), y=revenue_data_specific.Revenue, mode='lines'))
    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()
```

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In [16]: beautiful_soup=BeautifulSoup(html_data,"lxml")
```

```
In [21]: gmestop=yf.Ticker("GME")
```

```
In [22]: gme_data=gmestop.history(period="max")
```

```
In [23]: gme_data.reset_index(inplace=True)
gme_data.head()
```

Out[23]:

		Date	Open	High	Low	Close	Volume	Dividends	Stock Splits
0	2002-02-13 00:00:00-05:00	1.620129	1.693350	1.603296	1.691667	76216000		0.0	0.0
1	2002-02-14 00:00:00-05:00	1.712707	1.716074	1.670626	1.683250	11021600		0.0	0.0
2	2002-02-15 00:00:00-05:00	1.683250	1.687458	1.658001	1.674833	8389600		0.0	0.0
3	2002-02-19 00:00:00-05:00	1.666418	1.666418	1.578047	1.607504	7410400		0.0	0.0
4	2002-02-20 00:00:00-05:00	1.615920	1.662210	1.603296	1.662210	6892800		0.0	0.0

In [24]:

```

tables=beautiful_soup.find_all("table")
for index,table in enumerate(tables):
    if(str(table)=="GameStop Quarterly Revenue"):
        table_index=index

gme_revenue=pd.DataFrame(columns=["Date", "Revenue"])

for row in tables[table_index].tbody.find_all("tr"):
    col=row.find_all("td")
    if(col!=[]):
        date=col[0].text
        revenue=col[1].text.replace("$", "").replace(", ", "")
        gme_revenue=gme_revenue.append({"Date":date, "Revenue":revenue}, ignore_index=True)
gme_revenue.head()

```

[illegible]

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gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)  
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```

[illegible]

Out[24]:

	Date	Revenue
0	2023-04-30	1237
1	2023-01-31	2226
2	2022-10-31	1186
3	2022-07-31	1136
4	2022-04-30	1378

In [ ]:

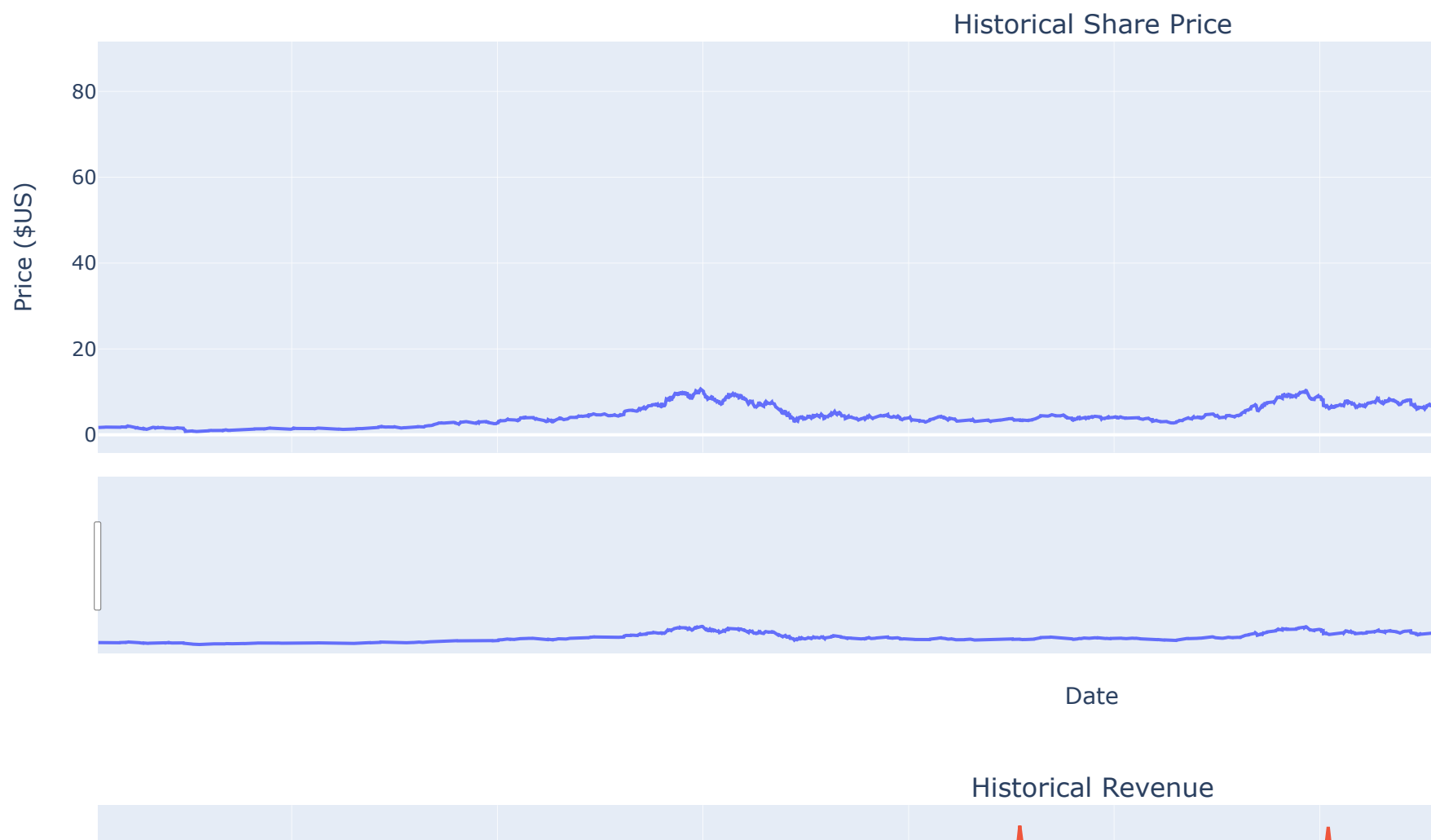
In [19]: `gme_revenue.tail()`

Out[19]:

	Date	Revenue
53	2010-01-31	3524
54	2009-10-31	1835
55	2009-07-31	1739
56	2009-04-30	1981
57	2009-01-31	3492

In [25]: `make_graph(gme_data, gme_revenue, 'GameStop')`

## GameStop





In [ ]: