```python
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
```

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

```python
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"), vert
              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.R
              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()
```

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

```python
In [17]:  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(",","")
```

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

```
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
```

```
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
```

```
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
  gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
```

```
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
C:\Users\karra\AppData\Local\Temp\ipykernel_17856\486489842.py:13: FutureWarning: The frame.append method is deprecated and will
be removed from pandas in a future version. Use pandas.concat instead.
    gme_revenue=gme_revenue.append({"Date":date,"Revenue":revenue},ignore_index=True)
```

Out[17]:

	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 [18]: `gme_revenue.tail()`

Out[18]:

	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