Question 4: Use Webscraping to Extract GME Revenue Data

Use the `requests` library to download the webpage https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNetwork/labs/project/stock.html. Save the text of the response as a variable named `html_data_2`.

[32]:
```
url = "https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNet
response = requests.get(url)
html_data_2 = response.text
```

Parse the html data using `beautiful_soup` using parser i.e `html5lib` or `html.parser`.

[33]:
```
soup = BeautifulSoup(html_data_2, 'html.parser')
```

Using `BeautifulSoup` or the `read_html` function extract the table with `GameStop Revenue` and store it into a dataframe named `gme_revenue`. The dataframe should have columns `Date` and `Revenue`. Make sure the comma and dollar sign is removed from the `Revenue` column.

> **Note: Use the method similar to what you did in question 2.**

▶ Click here if you need help locating the table

[41]:
```
tables = soup.find_all('table')

gme_revenue = None
for table in tables:
    if "GameStop Revenue" in table.text:
        gme_revenue = table
        break
rows = []
for row in gme_revenue.find_all('tr')[1:]:
    cols = row.find_all('td')
    if len(cols) < 2:
        continue
    date = cols[0].text
    revenue = cols[1].text

    revenue = revenue.replace('$', '').replace(',', '')

    rows.append({'Date': date, 'Revenue': revenue})
gme_revenue_df = pd.DataFrame(rows)
```

Display the last five rows of the `gme_revenue` dataframe using the `tail` function. Take a screenshot of the results.

[42]:
```
print(gme_revenue_df.head())
```

```
                                Date Revenue
0  GameStop Revenue 2006-2020 | GME
1                       Macrotrends
2                            Source
```