

Question 4: Use Webscraping to Extract GME Revenue Data

Use the `requests` library to download the webpage <https://www.macrotrends.net/stocks/charts/GME/gamestop/revenue>. Save the text of the response as a variable named `html_data`.

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

Parse the html data using `beautiful_soup`.

```
6]: soup = BeautifulSoup(html_data,"html5lib")
```

Using beautiful soup extract the table with `GameStop Quarterly 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 using a method similar to what you did in Question 2.

```
7]: gme_revenue= pd.read_html(url, match="GameStop Quarterly Revenue", flavor='bs4')[0]
    gme_revenue=gme_revenue.rename(columns = {'GameStop Quarterly Revenue(Millions of US $)': 'Date', 'GameStop Quarterly Revenue(Millions of US $).1': 'R
    gme_revenue["Revenue"] = gme_revenue["Revenue"].str.replace(",","").str.replace("$","")
```

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

```
8]: gme_revenue.dropna(inplace=True)
    gme_revenue.tail()
```

```
8]:
```

	Date	Revenue
59	2006-01-31	1667
60	2005-10-31	534
61	2005-07-31	416
62	2005-04-30	475
63	2005-01-31	709