





https://jupyterlab-1-labs-prod-jupyterlab-us-east-0.labs.cognitiveclass.ai/hub/user-redirect/lab/tree/labs/PY0220EN/Final%20Assignment.ipynb

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labs/PY0220EN/Final Assignment.ipynb

Downloadable link:

<https://jupyterlab-1-labs-prod-jupyterlab-us-east-0.labs.cognitiveclass.ai/user/synhorst93/files/labs/PY0220EN/Final%20Assignment.ipynb?_xsrf=2%7Cb80d55ce%7C38c085a8586dc6a8b52a6ea27976a9be%7C1688754245>

tesla\_revenue['Revenue'].str.replace(',|\$',"")

#tesla\_revenue["Revenue"] = tesla\_revenue["Revenue"].str.replace({'\$': '', ',': ''}, regex=True)

tesla\_data["Revenue"] = tesla\_data['Revenue'].str.replace('[$,]', "", regex=True)

tesla\_revenue["Revenue"]= tesla\_revenue['Revenue'].str.replace("$","").str.replace(",","")

not sure why this was in the GME section under reset the index

!wget https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNetwork/data/tsla.json

import json

with open('tsla.json') as json\_file:

tsla\_info = json.load(json\_file)

# Print the type of data variable

#print("Type:", type(apple\_info))

tsla\_info

I edited the TSLA data

!wget https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0220EN-SkillsNetwork/data/gme.json

import json

with open('gme.json') as json\_file:

gme\_info = json.load(json\_file)

# Print the type of data variable

#print("Type:", type(apple\_info))

gme\_info

soup.find\_all("tbody")

tesla\_revenue=pd.DataFrame(columns=['Date','Revenue'])

for row in beautiful\_soup.find('tbody').find\_all('tr'):

col = row.find\_all("td")

date = col[0].text

revenue = col[1].text

tesla\_revenue = tesla\_data.append({"Date":date, "Revenue":revenue}, ignore\_index=True)

tesla\_revenue.head()

tables=beautiful\_soup.find\_all("table")

for index,table in enumerate(tables):

if("Tesla Quarterly Revenue" in str(table)):

table\_index=index

tesla\_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.strip().replace("$","").replace(",","")

tesla\_revenue=tesla\_revenue.append({"Date":date,"Revenue":revenue},ignore\_index=True)

tesla\_revenue.head()

read\_html\_pandas\_data = pd.read\_html(url)

read\_html\_pandas\_data = pd.read\_html(str(soup))

tesla\_data = read\_html\_pandas\_data[0]

tesla\_data.head()

soup = BeautifulSoup(html\_data, 'html.parser')

tesla\_quarterly\_revenue\_table = soup.find\_all("tbody")[1]

tesla\_quarterly\_revenue\_table=pd.DataFrame(columns=['Date','Revenue'])

for row in tesla\_quarterly\_revenue\_table.find\_all('tr'):

col = row.find\_all("td")

date = col[0].text

revenue = col[1].text

tesla\_quarterly\_revenue\_table = tesla\_data.append({"Date":date, "Revenue":revenue}, ignore\_index=True)

tesla\_quarterly\_revenue\_table.head()

#print(tesla\_revenue.tail())

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tesla\_revenue["Revenue"] = tesla\_revenue['Revenue'].str.replace(',|\$','', **regex=True**) will Solve the Problem