Group members

Anosha Mohsin ite/22

Eisha liaquit 34

Mekhar 68

import requests

from bs4 import BeautifulSoup

import pandas as pd

import lxml

import os

from time import sleep

url ='https://www.coingecko.com'

logo = '---------- Crypto Data Scrapper ----------';

headers = {

'user-agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.0.0 Safari/537.36',

'accept': 'text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,/;q=0.8',

'accept-language': 'en-US,en;q=0.7',

'Connection':'keep-alive',

'upgrade-insecure-requests': '1',

'cache-control': 'max-age=0'

}

tables=[]

os.system('cls')

print(logo)

Pages = int(input("-> How many Pages you want to Extract 1-133: "))

if Pages > 0 or Pages < 133:

for i in range(1,Pages):

print("Scraping Page: {}".format(i))

params={

'page': Pages

}

response = requests.get(url,headers=headers,params=params)

soup= BeautifulSoup(response.content, 'html.parser')

tables.append(pd.read\_html(str(soup))[0])

finalTable = pd.concat(tables)

finalTable = finalTable.loc[:,finalTable.columns[1:-1]]

finalTable.to\_csv("Data.csv",index=False)

else:

print("Pages out of Range.")

sleep(1)

os.system('python3 Crypto.py')