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from selenium import webdriver

from time import sleep

from selenium.webdriver.common.by import By

from selenium.webdriver.chrome.service import Service

from cgitb import html

import pandas as pd

import re

from bs4 import BeautifulSoup

url = 'https://www.cpbl.com.tw/stats/recordall'

s = Service(r'C:\SDK\chromedriver\_win32\chromedriver.exe')

browser = webdriver.Chrome(service=s)

browser.maximize\_window()

browser.get(url)

sleep(1)

\_type = input(r'''Enter the type of image

(A: 野手成績,

B: 投手成績,

-> ''')

if \_type == 'A':

browser.find\_element(by=By.XPATH, value='/html/body/div[2]/div[1]/div/form/div[1]/div/div[4]/select/option[1]').click()

elif \_type == 'B':

browser.find\_element(by=By.XPATH, value='/html/body/div[2]/div[1]/div/form/div[1]/div/div[4]/select/option[2]').click()

year = input(r'Enter the year -> ')

browser.find\_element(by=By.XPATH, value='//\*[contains(text(), "{0}")]'.format(year)).click()

browser.find\_element(by=By.XPATH, value='//\*[@id="bindVue"]/div//input').click() #查詢

sleep(1)

if \_type == 'A':

browser.find\_element(by=By.XPATH, value='/html/body/div[2]/div[1]/div/form/div[2]/div[3]/div[1]/div/table/tbody/tr[1]/th[12]').click()

elif \_type == 'B':

browser.find\_element(by=By.XPATH, value='/html/body/div[2]/div[1]/div/form/div[2]/div[3]/div[1]/div/table/tbody/tr[1]/th[8]').click()

sleep(1)

html = browser.page\_source

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

table = soup.find('table')

columns = [th.text.replace('\n', '') for th in table.find('tr').find\_all('th')]

trs = table.find\_all('tr')[1:6]

rows = []

for tr in trs:

rows.append([td.text.replace('\n', '').replace('\xa0', '') for td in tr.find\_all('td')])

df = pd.DataFrame(data=rows, columns=columns)

for i in range(5):

df.iloc[i, 0] = trs[i].find(class\_='name').text

if \_type == 'A':

df = df.iloc[0:5, [0, 11]]

elif \_type == 'B':

df = df.iloc[0:5, [0, 7]]

df

