

410921208 楊右宇

```
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="bindValue"]/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

```

```

In [27]: 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="bindValue"]/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]')
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]')
sleep(1)

```

```

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]')
    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

```

```

Enter the type of image
(A: 野手成績,
B: 投手成績,
-> A
Enter the year -> 2018

```

Out[27]:

	排名球員	全壘打
0	張志豪	22
1	郭壘林	19
2	蔣智賢	18
3	蘇智傑	17
4	陳俊秀	17