**Web Scarping from Google whether**

**Tools:**

* HTMLSession needs to be install in python environment
* Jupyter notebook

**Procedure :**

* Select the website that we can pull the data
* In that website select the parameters and find the keys in inspect HTML code
* Write the code in python using the library to pull the data
* Convert the incoming data into pandas data frame
* Export the data frame data to csv file.

**Output:**

* We got the output in the csv file which we given in the code
* We can give the input in order to get the properties of the input query

**Code:**

from requests\_html import HTMLSession

import csv

import pandas as pd

s = HTMLSession()

query = 'mumbai'

url = f'https://www.google.com/search?q=weather+{query}'

r = s.get(url, 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'})

temp = (r.html.find('span#wob\_tm', first=True).text)

unit = (r.html.find('div.vk\_bk.wob-unit span.wob\_t', first=True).text)

desc = (r.html.find('div.VQF4g', first=True).find('span#wob\_dc', first=True).text)

humi = (r.html.find('span#wob\_hm', first=True).text)

wind = (r.html.find('span#wob\_ws', first=True).text)

print(query, temp, unit, desc, humi, wind)

result = query, temp, unit, desc, humi, wind

df=pd.DataFrame({'query':[query],'temprature':[temp],'unit':[unit],'desc':[desc],'humidity':[humi],'wind':[wind]})

df.to\_csv ('test2.csv', mode='a', index = None, header=False)

**video reference:** [**https://www.youtube.com/watch?v=cta1yCb3vA8&list=LL&index=1&t=353s&ab\_channel=JohnWatsonRooney**](https://www.youtube.com/watch?v=cta1yCb3vA8&list=LL&index=1&t=353s&ab_channel=JohnWatsonRooney)