**Dear kksparkle,**

Hope you are doing great I have completed the project.

Here is the Instruction to use it.

***Instructions:***

1- first of all extract the zip file you will find both versions of Data Grabber.

2- Before using it here are some dependencies you have to install.

3- python- install python in your laptop if it is already installed you can cheek it by this command

python3 --version or python --version

4- Go to the project folder and you will see two folders one is Beautiful Soap and second will be selenium.

5- Go to Beautiful Soap version folder and open your terminal in that folder

6- in order to install the required dependencies, run the following command.

pip install -r requirements.txt

to cheek pip installed or not run that command

pip --version

7- After successfully installing all dependencies you can now go into the bot folders

8- According to your provided data there are three websites and you will find bot for each website.

9- Before running the bot first put all the relevant links in the source folder csv file.

10- make sure url should be relevant otherwise it will through errors

11- after putting url in source folder csv file double click on main.py file

12- if it did not work as, you will test it on mac.

13- you can open the terminal in that folder and run the following command

python3 main.py

it will automatically scrap the details and store into Data folder in JSON file.

Same Instructions for other bots as well

14- repeat the same process for selenium version as well from Instruction no.1 to till end.

***Important Note:***

you have to install requirements only one time.

whenever you want to grab the data go to that specific bot and put your relevant links and run it.

***Bot Explanations:***

Here are some points about bot.

1- You will see there will be a folder structure in both selenium and Beautiful Soap version

2- Why i make separate bot for every website?

answer: Every website has its own structure and have different tags so in order to keep it simple and avoid errors

i made every bot separate.

3- Important note make sure your input links should be relevant like from same website

4- you will see i have used selenium in Beautiful Soap version.

5- Here is the reasons

1- Beautiful Soap cannot interact with the DOM. So to click the load more button i used selenium as selenium is very powerful in web automation.

2- The other place i used selenium their is web security on that website to break that and to handle iframes i used selenium.

This is all the details that i have in my mind Hope so i'm not missing anything.

If you face any problem or have any query you can ask me.

Thank you!

Have a great day!

Regards,

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