

Gocomet Assignment

Qureshi Mohd Aqib

Roll Id:18102C2057

qureshiaqib4@gmail.com

You need to create a simple application that takes the product names and parameters as input and then scrape Amazon and Flipkart for the products list.

Problem 1: Take search name as input and generate the output file

You should generate the txt/excel file containing the product name with the link, source (Flipkart/Amazon), price, product details [like model no, delivery time], category of product, etc (you can pick important details bonus points for creativity)

To run the project there are prerequisites such as

1. Package installations like selenium, web driver manager, xlswriter, BeautifulSoup
2. Python

Challenge 1: While performing the task the biggest challenge was to understand request failure which was due to “**requests package**” of python which uses specific URLs to access the page which was resulting 503 Server error that is restriction from the websites

Solution : To overcome this I used selenium and web drivers to get the pages and beautiful soup for scrapping the page

Challenge 2: Learning about the packages that I have used took some time and research to be able to work with

Solution: Tutorials and documentations.

- Some of the problems where if a particular class or tag was not found then it results in termination of program, hence with error handling I solved this issue
- Learned about xlswriter to read/write in a excel file to generate output.
- Studying and inspecting the tags of the website was one of the hectic and time-consuming challenge.

- Researched about proxy Api's to overcome blocking but unable to implement it

Implemented the 1st problem statement by giving the desired output

****note: I have attached the instructions in intructions.docx on GitHub**