

WEB SCRAPING – ASSIGNMENT 2

Instructions

1. All the questions must be done in a single Jupyter notebook.

2. There should be proper comments in code.

Q1: Write a python program to scrape data for “Data Analyst” Job position in “Bangalore” location. You have to scrape the job-title, job-location, company_name, experience_required. You have to scrape first 10 jobs data.

This task will be done in following steps:

1. First get the webpage <https://www.shine.com/>
2. Enter “Data Analyst” in “Job title, Skills” field and enter “Bangalore” in “enter the location” field.
3. Then click the searchbutton.
4. Then scrape the data for the first 10 jobs results you get.
5. Finally create a dataframe of the scraped data.

Note: All of the above steps have to be done in code. No step is to be done manually.

Q2: Write a python program to scrape data for “Data Scientist” Job position in “Bangalore” location. You have to scrape the job-title, job-location, company_name, experience_required. You have to scrape first 10 jobs data.

This task will be done in following steps:

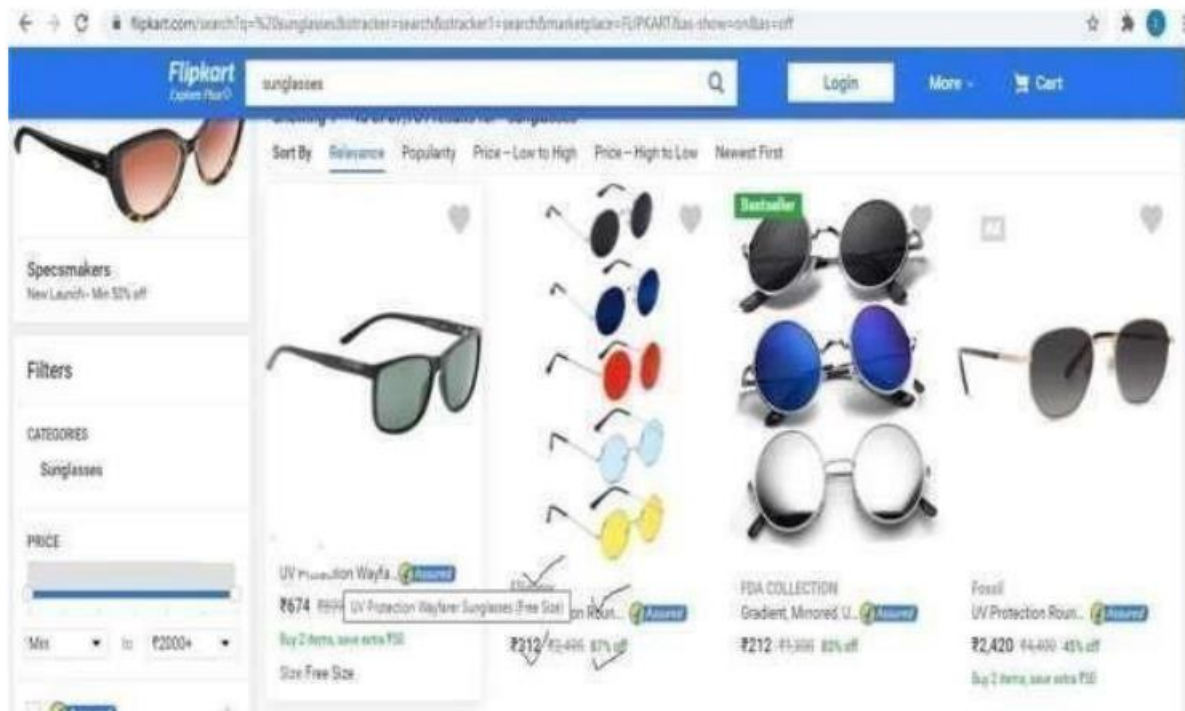
1. First get the webpage <https://www.naukri.com/>
2. Enter “Data Analyst” in “Job title, Skills” field and enter “Bangalore” in “enter the location” field.
3. Then click the searchbutton.
4. Then scrape the data for the first 10 jobs results you get.
5. Finally create a dataframe of the scraped data.

Note: All of the above steps have to be done in code. No step is to be done manually.

Q3: Scrape data of first 100 sunglasses listings on flipkart.com. You have to scrape four attributes:

1. Brand
2. ProductDescription
3. Price

The attributes which you have to scrape is ticked marked in the below image.



To scrape the data you have to go through following steps:

1. Go to Flipkart webpage by url : <https://www.flipkart.com/>
2. Enter “sunglasses” in the search field where “search for products, brands and more” is written and click the search icon
3. After that you will reach to the page having a lot of sunglasses. From this page you can scrap the required data as usual.
4. After scraping data from the first page, go to the “Next” Button at the bottom of other page , then click on it.
5. Now scrape data from this page as usual
6. Repeat this until you get data for 100 sunglasses. Note: That all of the above steps have to be done by coding only and not manually.

Note: That all of the above steps have to be done by coding only and not manually.