

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: In this question you have to scrape data using the filters available on the webpage. You have to use the location and salary filter.

You have to scrape data for “Data Scientist” designation for first 10 job results.

You have to scrape the job-title, job-location, company name, experience required.

The location filter to be used is “Delhi/NCR”. The salary filter to be used is “3-6” lakhs.

The task will be done as shown in the below steps:

1. first get the web page <https://www.naukri.com/>
2. Enter “Data Scientist” in “Skill, Designations, and Companies” field.
3. Then click the search button.
4. Then apply the location filter and salary filter by checking the respective boxes.
5. Then scrape the data for the first 10 jobs results you get.
6. 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.

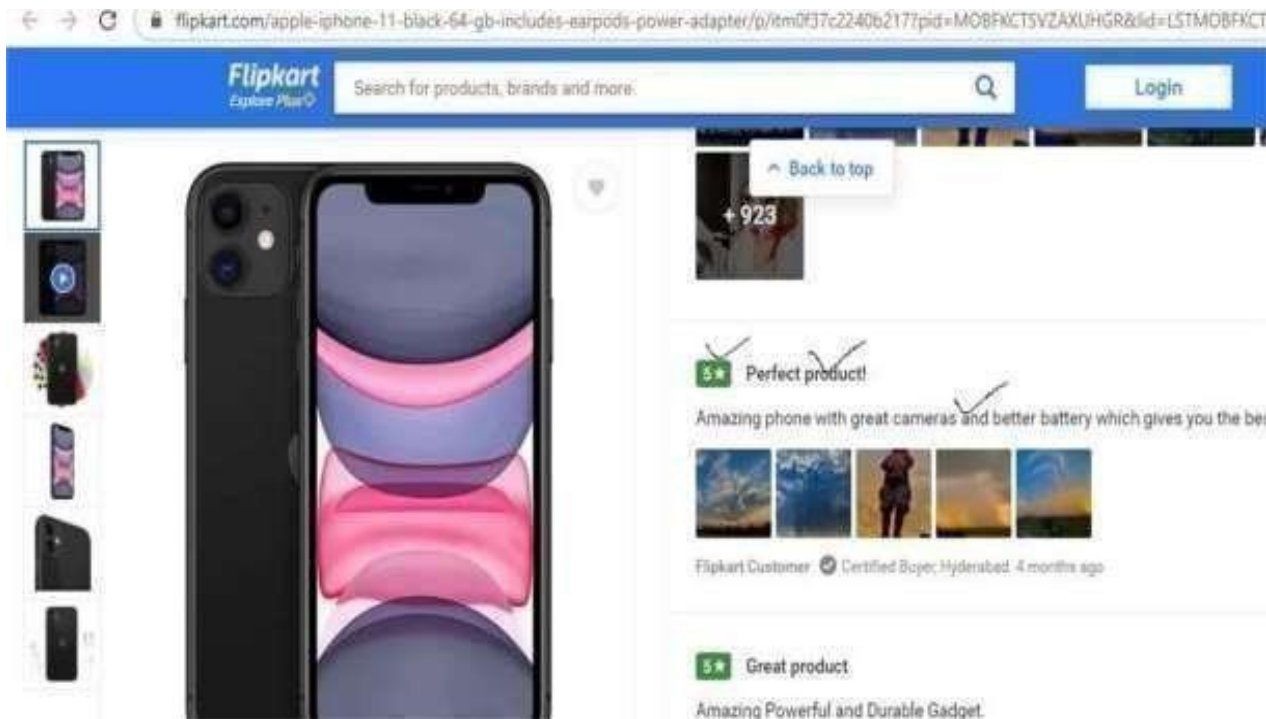
Q2: Write a python program to scrape data for “Data Scientist” Job position in “Bangalore” location. You have to scrape the job-title, job-location, company_name, experience_required. You have to scrape first 10 jobs data.

This task will be done in following steps:

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

Q3: Scrape 100 reviews data from flipkart.com for iphone11 phone. You have to go the link:

<https://www.flipkart.com/apple-iphone-11-black-64-gb/product-reviews/itm4e5041ba101fd?pid=MOBFWQ6BXGJCEYNY&lid=LSTMObFWQ6BXGJCEYNYZXSJRJ&marketplace=FLIPKART>



As shown in the above page you have to scrape the tick marked attributes. These are:

1. Rating
2. Review summary
3. Full review
4. You have to scrape this data for first 100 reviews.

Note: All the steps required during scraping should be done through code only and not manually.

Q4: Scrape data for first 100 sneakers you find when you visit flipkart.com and search for “sneakers” in the search field.

You have to scrape 3 attributes of each sneaker:

1. Brand
2. Product Description
3. Price

As shown in the below image, you have to scrape the above attributes.

Showing 40 of 13,910 results for "sneakers"

Sort By Relevance Popularity Price — Low to High Price — High to Low Newest First

wear
Footwear



BRUTON

Combo Pack Of 3 Latest Ca...

T557 76% off



BRUTON

2 Combo Sneaker Shoes Sn...@\$ gBB

₹636 ₹2,499 74% off

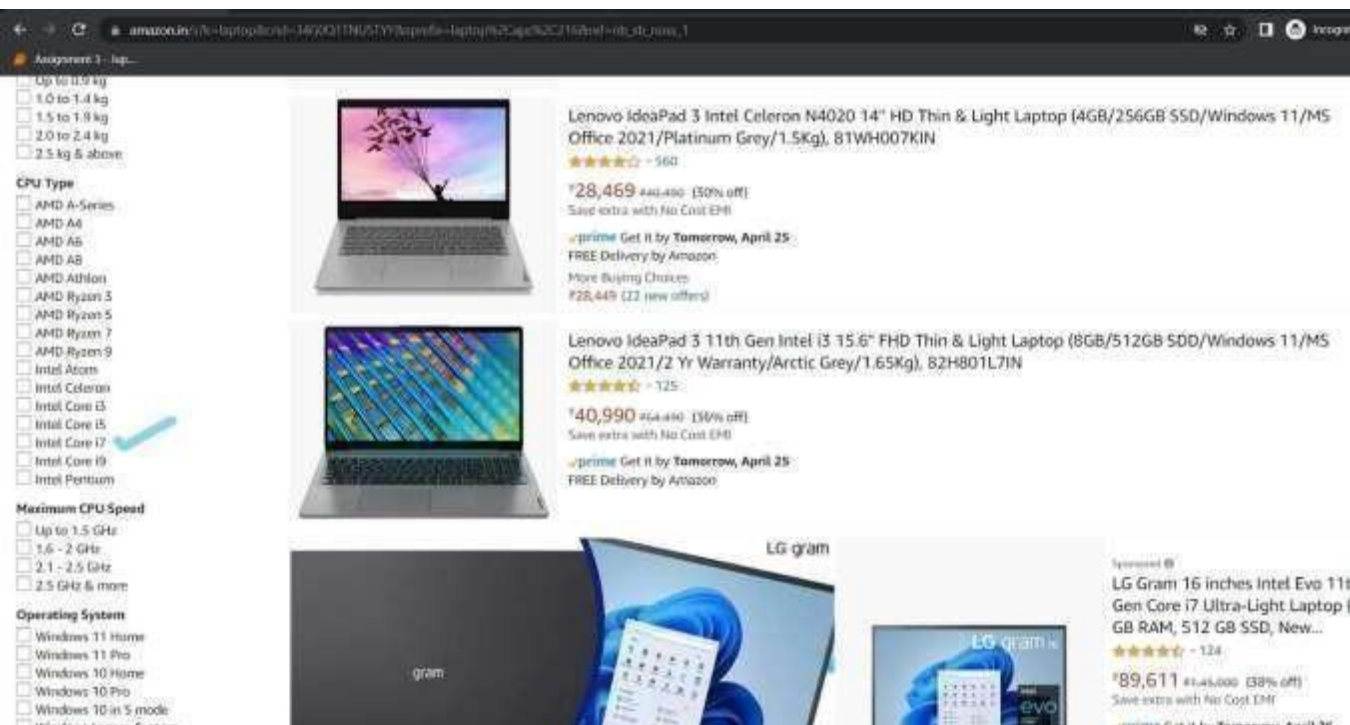


ASTEROID

Original Luxury Branded Fa... @\$ jBBg

₹549 ₹1,999 72% off

Q5: Go to webpage <https://www.amazon.in/> Enter "Laptop" in the search field and then click the search icon. Then set CPU Type filter to "Intel Core i7" as shown in the below image:



The screenshot shows the Amazon India website with the search results for "Laptop". The left sidebar contains filters for weight, CPU Type, Maximum CPU Speed, and Operating System. The "CPU Type" filter is set to "Intel Core i7", which is highlighted with a blue checkmark. The search results display three laptop listings:

- Lenovo IdeaPad 3 Intel Celeron N4020 14" HD Thin & Light Laptop (4GB/256GB SSD/Windows 11/MS Office 2021/Platinum Grey/1.5Kg). 81WH007KIN**
 Price: ₹28,469 (44% off)
 Save extra with No Cost EMI
 Prime Get it by Tomorrow, April 25
 FREE Delivery by Amazon
 More Buying Choices: ₹28,449 (22 new offers)
- Lenovo IdeaPad 3 11th Gen Intel i3 15.6" FHD Thin & Light Laptop (8GB/512GB SSD/Windows 11/MS Office 2021/2 Yr Warranty/Arctic Grey/1.65Kg). 82H801L7IN**
 Price: ₹40,990 (44% off)
 Save extra with No Cost EMI
 Prime Get it by Tomorrow, April 25
 FREE Delivery by Amazon
- LG gram 16 inches Intel Evo 11th Gen Core i7 Ultra-Light Laptop (16GB RAM, 512 GB SSD, New...)**
 Price: ₹89,611 (38% off)
 Save extra with No Cost EMI
 Prime Get it by Tomorrow, April 25

After setting the filters scrape first 10 laptops data. You have to scrape 3 attributes for each laptop:

1. Title
2. Ratings
3. Price

Q6: Write a python program to scrape data for Top 1000 Quotes of All Time.

The above task will be done in following steps:

1. First get the webpage <https://www.azquotes.com/>
2. Click on Top Quote
3. Than scrap a) Quote b) Author c) Type Of Quotes



AZ QUOTES AUTHORS TOPICS QUOTE OF THE DAY PICTURE QUOTES TOP QUOTES example: funny quotes LOGIN SIGN UP

Authors: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Quotes > Authors

Famous Authors

A Authors
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[Abraham Lincoln](#)
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[Alan Cohen](#)
[Alan Watts](#)
[Albert Camus](#)
[Albert Einstein](#)
[Albert Schweitzer](#)
[Aldous Huxley](#)
[Alexander Graham Bell](#)

J Authors
[J. C. Ryle](#)
[J. K. Rowling](#)
[J. R. R. Tolkien](#)
[James Madison](#)
[Jane Austen](#)
[Janis Joplin](#)
[Jim Morrison](#)
[Jim Rohn](#)
[Joan Rivers](#)
[Joel Osteen](#)
[Johann Wolfgang von Goethe](#)

S Authors
[Saint Augustine](#)
[Saint Patrick](#)
[Samuel Adams](#)
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Topics


Q7: Write a python program to display list of respected former Prime Ministers of India (i.e. Name, Born-Dead, Term of office, Remarks) from <https://www.jagranjosh.com/general-knowledge/list-of-all-prime-ministers-of-india-1473165149-1>

scrap the mentioned data and make the DataFrame


JAGRAN josh SCHOOL + COLLEGES GK SRM UNIVERSITY JOBS नए भारत का नया उत्तर प्रदेश CUET RESULT + MORE +

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Name	Born-Dead	Term of office	Remarks
Jawaharlal Nehru	Aug 15, 1947- May 27, 1964		
Gulzari Lal Nanda*	May 27-Jun 9, 1964		
Lal Bahadur Shastri	Jun 9, 1964- Jan 11, 1966		
Gulzari Lal Nanda*	Jan 11-Jan 24, 1966		
Indira Gandhi	Jan 24, 1966- Mar 24, 1977		
Morarji Desai	Mar 24, 1977- July 28, 1979		
Charan Singh	July 28, 1979- Jan 14, 1980		
Indira Gandhi	Jan 14, 1980- Oct 31, 1984		
Rajiv Gandhi	Oct 31, 1984- Dec 2, 1989		
Vishwanath Pratap Singh	Dec 2, 1989- Nov 10, 1990		
Chandra Shekhar	Nov 10, 1990- June 21, 1991		
P. V. Narasimha I	June 21, 1991- May 16, 1996		

Q8: Write a python program to display list of 50 Most expensive cars in the world (i.e. Car name and Price) from <https://www.motor1.com/>



This task will be done in following steps:

1. First get the webpage <https://www.motor1.com/>
2. Then You have to type in the search bar '50 most expensive cars'
3. Then click on 50 most expensive cars in the world.
4. Then scrap the mentioned data and make the dataframe.

