```
In [ ]: !pip install --upgrade selenium
In [ ]: !pip install webdriver_manager selenium
```

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

2. There should be proper comments incode.

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 "Skill, Designations, Companies" 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. Note: All of the above steps have to be done in code. No step is to be done manually.

```
In [3]: import selenium
         import pandas as pd
        from selenium import webdriver
        import warnings
         import time
         from selenium.webdriver.common.by import By
         # Creates Chrome WebDriver instance.
         driver = webdriver.Chrome()
         # Let's maximize the automated chrome window
         driver.maximize_window()
         # Navigate to shine website
         driver.get("https://www.shine.com/")
         # Wait for the page to load
         time.sleep(10)
         # Close the pop-up dialog (if it appears)
            x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[2]/div/div/button')
            x.click()
         except selenium.common.exceptions.NoSuchElementException:
         search_field_designation = driver.find_element(By.XPATH, '//*[@id="webSearchBar"]/span')
         search_field_designation.click()
         time.sleep(5)
         Job_title = driver.find_element(By.XPATH, '//*[@id="id_q"]')
         Job_title.send_keys('Data Analyst')
         location = driver.find_element(By.XPATH, '//*[@id="id_loc"]')
         location.send_keys('Bangalore')
```

```
search_job = driver.find_element(By.XPATH, '//*[@id="__next"]/div[4]/div[2]/div[2]/div/form/div/div[2]/div/button')
search_job.click()
time.sleep(15)
# Close the pop-up dialog (if it appears)
   x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[1]/div[2]/div/div/button')
   x.click()
except selenium.common.exceptions.NoSuchElementException:
   pass
# Initialize empty lists to store data
job_titles = []
company_names = []
locations = []
experiences = []
# Scrape data from the first 10 listings
while len(job_titles) < 10:</pre>
   # Find all the products on the page //*[@id="__next"]/div[1]/div[5]/div[1]/div[1]/div
   product_tags = driver.find_elements(By.CLASS_NAME, "jobCard_jobCard_jjUmu")
   # Loop through each product and extract the required attributes
   for product in product_tags:
        # Get job title
       try:
           job title = product.find element(By.TAG NAME, "h2").text
           job_titles.append(job_title)
        except:
            job_titles.append("")
        try:
            company_name = product.find_element(By.CLASS_NAME, "jobCard_jobCard_cName__mYnow").text
            company_names.append(company_name)
            job_titles.append("")
        # Get Location data
           loca = product.find_element(By.CLASS_NAME, "jobCard_locationIcon__zrWt2")
           locations.append(loca.text.split('\n')[0])
        except:
           locations.append("")
        # Get experience data
        try:
            experi = product.find_element(By.CLASS_NAME, "jobCard_jobIcon__3FB1t").text
            experiences.append(experi)
        except:
            experiences.append("")
        # If we haven't collected enough data, go to the next page
        if len(job_titles) >= 10:
            break
# Create a DataFrame
data = pd.DataFrame({'Job Title': job_titles, 'Company Name': company_names, 'Locations': locations, 'Experiences': experiences})
# Display the DataFrame
display(data)
```

```
# Close the ChromeDriver
driver.quit()
```

| | Job Title | Company Name | Locations | Experiences |
|---|--|-------------------------------|-----------|-------------|
| 0 | Data Analyst | quess corp (magna infotech) | Bangalore | 2 to 5 Yrs |
| 1 | Require for the Data Analytics _Senior Analyst | acura solutions. | Bangalore | 4 to 6 Yrs |
| 2 | Data _ Analytics SeniorAnalyst | acura solutions. | Bangalore | 4 to 6 Yrs |
| 3 | Clinical Data Analyst | quiscon biotech | Bangalore | 0 to 2 Yrs |
| 4 | Sr. Data Analyst (SQL) - Pharma | ara resources private limited | Bangalore | 5 to 8 Yrs |
| 5 | Data Analyst, FCGT | amazon | Bangalore | 1 to 3 Yrs |
| 6 | Clinical Data Analyst | radiometer india | Bangalore | 4 to 6 Yrs |
| 7 | Lead Clinical Data Analyst | radiometer india | Bangalore | 8 to 10 Yrs |
| 8 | Data analyst, Amazon Pay - RSO- GTM | amazon | Bangalore | 2 to 5 Yrs |
| 9 | Data Analyst for ADAS effectiveness | mercede | Bangalore | 2 to 5 Yrs |

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. 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 Scientist" in "Skill, Designations, Companies" 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 youget.
- 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.

```
In [7]: import selenium
        import pandas as pd
        from selenium import webdriver
        import warnings
        import time
        from selenium.webdriver.common.by import By
        from selenium.webdriver.common.keys import Key
        # Creates Chrome WebDriver instance.
        driver = webdriver.Chrome()
        # Let's maximize the automated chrome window
        driver.maximize_window()
        # Navigate to shine website
        driver.get("https://www.shine.com/")
        # Wait for the page to load
        time.sleep(10)
        # Close the pop-up dialog (if it appears)
            x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[2]/div/div/button')
        except selenium.common.exceptions.NoSuchElementException:
            pass
```

```
search_field_designation = driver.find_element(By.XPATH, '//*[@id="webSearchBar"]/span')
search_field_designation.click()
time.sleep(5)
Job_title = driver.find_element(By.XPATH, '//*[@id="id_q"]')
Job_title.send_keys('Data Scientist')
location = driver.find_element(By.XPATH, '//*[@id="id_loc"]')
location.send_keys('Bangalore')
search_job = driver.find_element(By.XPATH, '//*[@id="__next"]/div[4]/div[2]/div[2]/div/form/div/div[2]/div/button')
search job.click()
time.sleep(15)
# Close the pop-up dialog (if it appears)
   x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[1]/div[2]/div/div/button')
   x.click()
except selenium.common.exceptions.NoSuchElementException:
   pass
# Initialize empty lists to store data
job_titles = []
company_names = []
locations = []
# Scrape data from the first 10 listings
while len(job_titles) < 10:</pre>
   # Find all the products on the page
   product_tags = driver.find_elements(By.CLASS_NAME, "jobCard_jobCard_jjUmu")
   # Loop through each product and extract the required attributes
   for product in product_tags:
        # Get job title
        try:
            job_title = product.find_element(By.TAG_NAME, "h2").text
            job_titles.append(job_title)
        except:
            job_titles.append("")
           # Get company_name data
            company_name = product.find_element(By.CLASS_NAME, "jobCard_jobCard_cName__mYnow").text
            company_names.append(company_name)
        except:
            job_titles.append("")
        # Get Location data
        try:
           loca = product.find_element(By.CLASS_NAME, "jobCard_locationIcon__zrWt2")
           locations.append(loca.text.split('\n')[0])
        except:
            locations.append("")
        # If we haven't collected enough data, go to the next page
       if len(job_titles) >= 10:
            break
# Create a DataFrame
```

```
data = pd.DataFrame({'Job Title': job_titles, 'Company Name': company_names, 'Locations': locations})

# Display the DataFrame
display(data)

# Close the ChromeDriver
driver.quit()
```

| | Job Title | Company Name | Locations |
|---|--|-------------------------------------|-----------|
| 0 | Data Scientist | skyleaf consultants | Bangalore |
| 1 | Data Scientist | seven geomax consulting private lim | Bangalore |
| 2 | Hiring now Data Scientist | skyleaf consultants | Bangalore |
| 3 | Data Scientist | quiscon biotech | Bangalore |
| 4 | Req. now Data Scientist | infosys limited | Bangalore |
| 5 | Data Scientist | acme services private limited | Bangalore |
| 6 | Data Scientist | acuity knowledge partners | Bangalore |
| 7 | Data Scientist Urgent Recruitment | niharika enterprises | Bangalore |
| 8 | DTICI Data Scientists - Senior Consultant - T8 | mercede | Bangalore |
| 9 | Data Scientist - Supply Chain Analytics | ntt global delivery services limite | Bangalore |

Q3: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 "Bangalore". The salary filter to be used is "3-6" lakhs The task will be done as shown in the below steps:

- 1. first get thewebpage https://www.shine.com/
- 2. Enter "Data Scientist" in "Skill, Designations, and Companies" field.
- 3. Then click the searchbutton.
- 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 youget.
- 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.

```
In [1]: import selenium
import pandas as pd
from selenium import webdriver
import warnings
import time
from selenium.webdriver.common.by import By
from selenium.webdriver.common.keys import Key

# Creates Chrome WebDriver instance.
driver = webdriver.Chrome()

# Let's maximize the automated chrome window
driver.maximize_window()

# Navigate to shine website
driver.get("https://www.shine.com/")

# Wait for the page to load
time.sleep(10)
```

```
# Close the pop-up dialog (if it appears)
   x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[2]/div/div/button')
   x.click()
except selenium.common.exceptions.NoSuchElementException:
   pass
search_field_designation = driver.find_element(By.XPATH, '//*[@id="webSearchBar"]/span')
search_field_designation.click()
time.sleep(5)
Job_title = driver.find_element(By.XPATH, '//*[@id="id_q"]')
Job_title.send_keys('Data Scientist')
location = driver.find_element(By.XPATH, '//*[@id="id_loc"]')
location.send_keys('Bangalore')
search_job = driver.find_element(By.XPATH, '//*[@id="__next"]/div[4]/div[2]/div[2]/div/form/div/div[2]/div/button')
search_job.click()
time.sleep(15)
# Close the pop-up dialog (if it appears)
   x = driver.find_element(By.XPATH, '//*[@id="__next"]/div[1]/div[2]/div/div/button')
   x.click()
except selenium.common.exceptions.NoSuchElementException:
   pass
salary = driver.find_element(By.XPATH, '//*[@id="__next"]/div[1]/div[4]/div[1]/div[1]/div[2]/div/ul/li[3]/button')
salary.click()
time.sleep(3)
salary1.click()
salary2 = driver.find_element(By.XPATH, '//*[@id="__next"]/div[1]/div[4]/div[1]/div[1]/div[2]/div[2]/div[2]/div[div[4]/button[2]')
salary2.click()
# Initialize empty lists to store data
job_titles = []
company_names = []
locations = []
experiences = []
# Scrape data from the first 10 listings
while len(job_titles) < 10:</pre>
   # Find all the products on the page
   product_tags = driver.find_elements(By.CLASS_NAME, "jobCard_jobCard_jjUmu")
   # Loop through each product and extract the required attributes
   for product in product_tags:
       # Get job title
           job_title = product.find_element(By.TAG_NAME, "h2").text
           job_titles.append(job_title)
           job_titles.append("")
           # Get company_name data
       try:
```

```
company_name = product.find_element(By.CLASS_NAME, "jobCard_jobCard_cName__mYnow").text
           company_names.append(company_name)
       except:
           job_titles.append("")
       # Get Location data
           loca = product.find_element(By.CLASS_NAME, "jobCard_locationIcon__zrWt2")
           locations.append(loca.text.split('\n')[0])
        except:
           locations.append("")
       # Get experience data
           experi = product.find_element(By.CLASS_NAME, "jobCard_jobIcon__3FB1t").text
           experiences.append(experi)
        except:
           experiences.append("")
       # If we haven't collected enough data, go to the next page
       if len(job_titles) >= 10:
           break
# Create a DataFrame
data = pd.DataFrame({'Job Title': job_titles, 'Company Name': company_names, 'Locations': locations, 'Experiences': experiences})
# Display the DataFrame
display(data)
# Close the ChromeDriver
driver.quit()
```

| | Job Title | Company Name | Locations | Experiences |
|---|--|-------------------------------|-----------|-------------|
| 0 | Data Scientist | skyleaf consultants | Bangalore | 5 to 10 Yrs |
| 1 | Data Scientist | quiscon biotech | Bangalore | 0 to 1 Yr |
| 2 | Req. now Data Scientist | infosys limited | Bangalore | 0 to 5 Yrs |
| 3 | Data Scientist | acme services private limited | Bangalore | 3 to 5 Yrs |
| 4 | Data Scientist Urgent Recruitment | niharika enterprises | Bangalore | 0 to 4 Yrs |
| 5 | DTICI Data Scientists - Senior Consultant - T8 | mercede | Bangalore | 3 to 7 Yrs |
| 6 | Data Scientist | skyleaf consultants | Bangalore | 5 to 10 Yrs |
| 7 | Sr. Data Engineer | ibm india pvt. limited | Bangalore | 2 to 8 Yrs |
| 8 | Impact Analytics - Senior Data Scientist | impact analytics | Bangalore | 2 to 4 Yrs |
| 9 | DTICI Senior Consultant - Data Scientist - T8 | mercede | Bangalore | 3 to 7 Yrs |

Q4: Scrape data of first 100 sunglasses listings on flipkart.com. You have to scrape four attributes:

- 1. Brand
- 2. Product Description
- 3. Price

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 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.

```
In [12]: import selenium #library that is used to work with selenium
         import pandas as pd #to create DataFrame
         from selenium import webdriver #importing webdriver module from selenium to open automated chrome window
         import warnings
         warnings.filterwarnings('ignore') #to ignore any sort of warning
         from selenium.webdriver.common.by import By #importing inbuilt class By
         import time  #use to stop search engine for few seconds
         from webdriver_manager.chrome import ChromeDriverManager #Automatically manages Chrome WebDriver installation.
         from selenium.webdriver.common.keys import Keys #Simulates keyboard events in Selenium.
         #Creates Chrome WebDriver instance.
         driver = webdriver.Chrome()
         #Let's maximize the automated chrome window
         driver.maximize_window()
         # Navigate to Flipkart website
         driver.get("https://www.flipkart.com/")
         # Close the pop-up dialog (if it appears)
         try:
             x = driver.find_element(By.XPATH, '/html/body/div[2]/div/div/button')
             x.click()
         except selenium.common.exceptions.NoSuchElementException:
             pass
         # Search for sunglasses
         search_input = driver.find_element(By.XPATH,'//*[@id="container"]/div/div[1]/div[1]/div[2]/form/div/div/input')
         search input.send keys('Sun glasses')
         search_input.send_keys(Keys.ENTER)
         # Wait for the page to load
         time.sleep(3)
         # Initialize empty lists to store data
         brand_names = []
         product_descriptions = []
         prices = []
         discounts = []
         # Scrape data from the first 100 listings
         while len(brand_names) < 100:</pre>
             # Find all the products on the page
             product_tags = driver.find_elements(By.CLASS_NAME, "_2B099V")
             # Loop through each product and extract the required attributes
             for product in product_tags:
                 # Get brand name
                         brand = product.find_element(By.CLASS_NAME, "_2WkVRV").text
```

```
brand_names.append(brand)
           except:
               brand_names.append("")
           # Get product description
               description = product.find_element(By.CLASS_NAME, "IRpwTa").text
               product_descriptions.append(description)
               product_descriptions.append("")
           # Get price
           try:
               price = product.find_element(By.CLASS_NAME, "_30jeq3").text
               prices.append(price)
           except:
               prices.append("")
           #Get discount
               discount = product.find_element(By.CLASS_NAME, "_3Ay6Sb").text
               discounts.append(discount)
           except:
               discounts.append("")
           #If we haven't collected enough data, go to the next page
           if len(brand_names) >= 99:
                break
   try:
       next_button = driver.find_elements(By.CLASS_NAME, "_1LKTO3")
       next_button.pop().click()
               # Wait for the next page to Load
       time.sleep(3)
   except selenium.common.exceptions.NoSuchElementException:
       pass # If there is no "Next" button, exit the Loop
data = pd.DataFrame({'Brand': brand_names,'Product Description': product_descriptions,'Price': prices, 'Discount': discounts})
# Display the DataFrame
display(data)
# Close the ChromeDriver
driver.quit()
```

| | Brand | Product Description | Price | Discount |
|-----|----------------|--|-------|----------|
| 0 | VOLRIX | UV Protection Rectangular Sunglasses (Free Size) | ₹263 | 82% off |
| 1 | ROYAL SON | UV Protection Rectangular, Retro Square Sungla | ₹497 | 66% off |
| 2 | Fastrack | UV Protection Rectangular Sunglasses (Free Size) | ₹675 | 24% off |
| 3 | SRPM | UV Protection Wayfarer Sunglasses (50) | ₹194 | 85% off |
| 4 | Elligator | UV Protection Cat-eye, Retro Square, Oval, Rou | ₹168 | 71% off |
| ••• | | | | |
| 95 | Sukart | UV Protection, Polarized, Gradient, Riding Gla | ₹292 | 70% off |
| 96 | VINCENT CHASE | by Lenskart Polarized, UV Protection Wayfarer | ₹693 | 65% off |
| 97 | ROYAL SON | Polarized, UV Protection Retro Square Sunglass | ₹664 | 55% off |
| 98 | ROZZETTA CRAFT | Polarized, Riding Glasses Sports, Wrap-around | ₹480 | 75% off |
| 99 | VINCENT CHASE | Polarized, UV Protection Aviator Sunglasses (56) | ₹854 | 57% off |

100 rows × 4 columns

Q5: 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=LSTMOBFWQ6BXGJCEYNYZXSHRJ&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 100reviews. Note: All the steps required during scraping should be done through code only and not manually.

```
In [13]: import selenium #library that is used to work with selenium
         import pandas as pd #to create DataFrame
         from selenium import webdriver #importing webdriver module from selenium to open automated chrome window
         import warnings
         warnings.filterwarnings('ignore') #to ignore any sort of warning
         from selenium.webdriver.common.by import By #importing inbuilt class By
         import time  #use to stop search engine for few seconds
         from webdriver_manager.chrome import ChromeDriverManager #Automatically manages Chrome WebDriver installation.
         from selenium.webdriver.common.keys import Keys #Simulates keyboard events in Selenium.
         driver = webdriver.Chrome()
         driver.maximize_window()
         driver.get("https://www.flipkart.com/apple-iphone-11-black-64-gb/product-reviews/itm4e5041ba101fd?pid=MOBFWQ6BXGJCEYNY&Lid=LSTMOBFWQ6BXGJCEYNYZXSHRJ&marketplace=FLIPKART")
         time.sleep(3)
         # Initialize empty lists to store review data
         ratings = []
         review_summaries = []
         full_reviews = []
```

```
# Scrape data from the first 100 reviews
while len(ratings) < 100:</pre>
     review_tags = driver.find_elements(By.CLASS_NAME, "_2wzgFH")
     for review in review_tags:
       rating = review.find_element(By.CLASS_NAME, "_3LWZ1K").text #if rating else '3'
       ratings.append(rating)
       review_summary =review.find_element(By.CLASS_NAME, "_2-N8zT").text #if review_summary else '2'
       review_summaries.append(review_summary)
       full_review = review.find_element(By.CLASS_NAME, "t-ZTKy").text #if full_review else "1"
       full_reviews.append(full_review)
       if len(ratings) >= 100:
           break
   #If we haven't collected enough data, go to the next page
    if len(ratings) > 99:
       try:
           next_button = driver.find_element(By.XPATH, '//*[@id="container"]/div/div[3]/div/div[2]/div[13]/div/div/nav/a[11]')
           next_button.click()
           # Wait for the next page to Load
           time.sleep(3)
       except selenium.common.exceptions.NoSuchElementException:
           break # If there is no "Next" button, exit the loop
data = pd.DataFrame({'Rating': ratings,'Review Summary': review_summaries, 'Full Review': full_reviews})
# Display the DataFrame
display(data)
# Close the ChromeDriver
driver.quit()
```

| | Rating | Review Summary | Full Review |
|----|--------|-----------------------|--|
| 0 | 5 | Classy product | Camera is awesome\nBest battery backup\nA perf |
| 1 | 5 | Mind-blowing purchase | Photos super |
| 2 | 5 | Wonderful | This is amazing at all |
| 3 | 5 | Terrific | Very very good |
| 4 | 5 | Fabulous! | Super 🌖 and good performance 💍 💙 |
| | | | |
| 95 | 5 | Just wow! | Perfect Product!! |
| 96 | 5 | Must buy! | It's really awesome |
| 97 | 5 | Perfect product! | V Good all |
| 98 | 5 | Best in the market! | Good Camera |
| 99 | 5 | Worth every penny | Feeling awesome after getting the delivery of |

100 rows × 3 columns

Q6: 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

```
In [15]: import selenium #library that is used to work with selenium
         import pandas as pd #to create DataFrame
         from selenium import webdriver #importing webdriver module from selenium to open automated chrome window
         import warnings
         warnings.filterwarnings('ignore') #to ignore any sort of warning
         from selenium.webdriver.common.by import By #importing inbuilt class By
         import time  #use to stop search engine for few seconds
         from webdriver manager.chrome import ChromeDriverManager #Automatically manages Chrome WebDriver installation.
         from selenium.webdriver.common.keys import Keys #Simulates keyboard events in Selenium.
          #Creates Chrome WebDriver instance.
         driver = webdriver.Chrome()
         #Let's maximize the automated chrome window
         driver.maximize_window()
         # Navigate to Flipkart website
         driver.get("https://www.flipkart.com/")
         # Close the pop-up dialog (if it appears)
             x = driver.find_element(By.XPATH, '/html/body/div[2]/div/div/button')
             x.click()
         except selenium.common.exceptions.NoSuchElementException:
             pass
         # Search for sneakers
         search_input = driver.find_element(By.XPATH,'//*[@id="container"]/div[1]/div[1]/div[2]/div[2]/form/div/div/input')
         search input.send keys('sneakers')
         search_input.send_keys(Keys.ENTER)
         # Wait for the page to load
         time.sleep(3)
         # Initialize empty lists to store data
         brand_names = []
         product_descriptions = []
         prices = []
         discounts = []
         # Scrape data from the first 100 listings
         while len(brand_names) < 100:</pre>
             # Find all the products on the page
             product_tags = driver.find_elements(By.CLASS_NAME, "_2B099V")
             # Loop through each product and extract the required attributes
             for product in product_tags:
                 # Get brand name
                     try:
                         brand = product.find_element(By.CLASS_NAME, "_2WkVRV").text
                         brand_names.append(brand)
                     except:
                         brand_names.append("")
```

```
# Get product description
               description = product.find_element(By.CLASS_NAME, "IRpwTa").text
               product_descriptions.append(description)
           except:
               product_descriptions.append("")
           # Get price
               price = product.find_element(By.CLASS_NAME, "_30jeq3").text
               prices.append(price)
           except:
               prices.append("")
           #Get discount
               discount = product.find_element(By.CLASS_NAME, "_3Ay6Sb").text
               discounts.append(discount)
           except:
               discounts.append("")
           #If we haven't collected enough data, go to the next page
           if len(brand_names) >= 99:
                break
   try:
       next_button = driver.find_elements(By.CLASS_NAME, "_1LKTO3")
       next_button.pop().click()
               # Wait for the next page to load
       time.sleep(3)
   except selenium.common.exceptions.NoSuchElementException:
       pass # If there is no "Next" button, exit the loop
data = pd.DataFrame({'Brand': brand_names,'Product Description': product_descriptions,'Price': prices, 'Discount': discounts})
# Display the DataFrame
display(data)
# Close the ChromeDriver
driver.quit()
```

| | Brand | Product Description | Price | Discount |
|-----|-----------------------|--|--------|----------|
| 0 | BIRDE | Combo Pack of 2 Casual Shoes Sneakers For Men | ₹479 | 76% off |
| 1 | Airson | Junior Zero1 Sports shoes for Men Gym Traini | ₹989 | 55% off |
| 2 | Magnolia | Modern Trendy Sneakers boot Sneakers Sneakers | ₹499 | 61% off |
| 3 | BRUTON | Modern Trendy Shoes Sneakers For Men | ₹299 | 76% off |
| 4 | aadi | Light weight, Comfort, Summer, Trendy, Walking, Outd | ₹389 | 80% off |
| ••• | | | | |
| 95 | HRX by Hrithik Roshan | Club Culture Sneakers For Men | ₹1,047 | 73% off |
| 96 | HIGHLANDER | Sneakers For Men | ₹696 | 65% off |
| 97 | Kraasa | Sneakers For Women | ₹499 | 50% off |
| 98 | BIRDE | Premium Casual Shoes For Men Sneakers For Men | ₹479 | 76% off |
| 99 | K- FOOTLANCE | Casual Sneakers White Outdoor Shoes For Boys A | ₹549 | 45% off |

100 rows × 4 columns