Data for "Data Analyst" Job position in "Bangalore"

In [1]:
```
!pip install Selenium
```

Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages (4.8.3)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site-packages (from Selenium) (2022.9.14)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\sony\anaconda3\lib\site-packages (from Selenium) (1.26.11)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\site-packages (from Selenium) (0.10.2)
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Requirement already satisfied: async-generator>=1.9 in c:\users\sony\anaconda3\lib\site-packages (from trio~=0.17->Selenium) (1.10)
Requirement already satisfied: sortedcontainers in c:\users\sony\anaconda3\lib\site-packages (from trio~=0.17->Selenium) (2.4.0)
Requirement already satisfied: exceptiongroup>=1.0.0rc9 in c:\users\sony\anaconda3\lib\site-packages (from trio~=0.17->Selenium) (1.1.1)
Requirement already satisfied: sniffio in c:\users\sony\anaconda3\lib\site-packages (from trio~=0.17->Selenium) (1.2.0)
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Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-packages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)

In [5]:
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [6]:
```python
driver = webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [7]:
```python
driver.get("https://www.naukri.com/")
```

```
In [8]:   designation = driver.find_element(By.CLASS_NAME, "suggestor-input")
          designation.send_keys('Data Analyst')
```

```
In [10]:  location = driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[5]/div/c
          location.send_keys('Bangalore')
```

```
In [11]:  search = driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[6]")
          search.click()
```

```
In [17]:  job_title=[]
          location=[]
          company=[]
          experience=[]

          title_name = driver.find_elements(By.XPATH,'//a[@class="title ellipsis"]')
          for store in title_name[0:10]:
              title= store.text
              job_title.append(title)

          job_location = driver.find_elements(By.XPATH,'//span[@class="ellipsis fleft locWdth"]'
          for store in job_location[0:10]:
              loc= store.text
              location.append(loc)

          company_name = driver.find_elements(By.XPATH,'//a[@class="subTitle ellipsis fleft"]')
          for store in company_name[0:10]:
              name= store.text
              company.append(name)

          experience_req = driver.find_elements(By.XPATH,'//span[@class="ellipsis fleft expwdth'
          for store in experience_req[0:10]:
              exp= store.text
              experience.append(exp)
```

```
In [19]:  len(job_title), len(location), len(company), len(experience)
```

```
Out[19]:  (10, 10, 10, 10)
```

```
In [20]:  df= pd.DataFrame({'Job Title': job_title, 'Location': location, 'Company': company, 'E
          df
```

Out[20]:

	Job Title	Location	Company	Experience Required
0	Data Analyst	Bangalore/Bengaluru	Target	2-4 Yrs
1	Data Analyst	Bangalore/Bengaluru	Globals Ites	2-3 Yrs
2	Data Analyst	Bangalore/Bengaluru	Varite	4-5 Yrs
3	Data Analyst	Bangalore/Bengaluru	Cynosure Corporate Solutions	2-7 Yrs
4	Data Analyst Data Presentation Pdf	Bangalore/Bengaluru, Delhi / NCR, Mumbai (All ...	Pass 11 Plus Grammar Preparation	2-7 Yrs
5	Oracle Tax & Treasury PMO Contractor (Data Ana...	Bangalore/Bengaluru	Oracle	3-7 Yrs
6	Data Analyst	Bangalore/Bengaluru	Tata Technologies	4-6 Yrs
7	Data Analyst	Bangalore/Bengaluru	Mm Staffing & Career Consultants	0-8 Yrs
8	Data Analyst	Bangalore/Bengaluru	Ingersoll Rand	3-6 Yrs
9	Data Analyst	Bangalore/Bengaluru	Unusual Hire	1-4 Yrs

In [ ]:

Data for "Data Scientist" Job position in "Bangalore"

In [21]:
```
!pip install Selenium
```

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
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ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [23]:
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [26]:
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [27]:
```python
driver.get("https://www.naukri.com/")
```

In [28]:
```python
destination= driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[1]/div
destination.send_keys('Data Scientist')
```

In [29]:
```python
location= driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[5]/div/di
location.send_keys('Bangalore')
```

In [30]:
```python
search= driver.find_element(By.CLASS_NAME,"qsbSubmit")
search.click()
```

In [31]:
```python
title=[]
location=[]
```

```python
company=[]

title_tags= driver.find_elements(By.XPATH,'//a[@class="title ellipsis"]')
for store in title_tags[0:10]:
    tags= store.text
    title.append(tags)

job_loc= driver.find_elements(By.XPATH,'//span[@class="ellipsis fleft locWdth"]')
for store in job_loc[0:10]:
    loc= store.text
    location.append(loc)

company_name= driver.find_elements(By.XPATH,'//a[@class="subTitle ellipsis fleft"]')
for store in company_name[0:10]:
    name= store.text
    company.append(name)
```

In [32]:
```python
len(title), len(location), len(company)
```

Out[32]:
```
(10, 10, 10)
```

In [34]:
```python
df= pd.DataFrame({'Job Title': title, 'Location': location, 'Company': company})
df
```

Out[34]:

	Job Title	Location	Company
0	Data Science Professional - IBM SPSS Statistic...	Bangalore/Bengaluru, Noida, Mumbai, Pune, Chennai	Hexaware Technologies
1	Data Science Specialist	Bangalore/Bengaluru, Kolkata, Mumbai, Hyderaba...	Accenture
2	Analytics & Modeling Specialist	Bangalore/Bengaluru, Kolkata, Mumbai, Hyderaba...	Accenture
3	Senior data scientist	Bangalore/Bengaluru, Mumbai, Pune, Chennai, Gu...	Fractal Analytics
4	Data Scientist_NLP	Bangalore/Bengaluru, Mumbai, Pune, Chennai, Gu...	Fractal Analytics
5	Data Scientist	Bangalore/Bengaluru, Mumbai, Pune, Chennai, Gu...	Fractal Analytics
6	Machine Learning (AI) Architect	Bangalore/Bengaluru, Kolkata, Mumbai, New Delh...	Persistent
7	Manager - Innovations Hub - Machine Learning	Bangalore/Bengaluru, Mumbai, Hyderabad/Secunde...	PwC
8	Data Scientist - NLP	Bangalore/Bengaluru	Visa Inc
9	Data Scientist || Bengaluru || Hybrid	Hybrid - Bangalore/Bengaluru	M/s. Vlink India

In [ ]:

Data using the "filters" available on the webpage

In [36]:
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!pip install Selenium
```

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
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Requirement already satisfied: async-generator>=1.9 in c:\users\sony\anaconda3\lib\si
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ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [1]:
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [2]:
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [3]:
```python
driver.get("https://www.naukri.com/")
```

In [4]:
```python
destination= driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[1]/div
destination.send_keys('Data Scientist')
```

In [5]:
```python
search= driver.find_element(By.XPATH,"/html/body/div[1]/div[7]/div/div/div[6]")
search.click()
```

In [11]:
```python
checkbox= driver.find_element(By.XPATH,'//span[@title="Delhi / NCR"]')
checkbox.click()
```

```
In [14]:   salary_checkbox= driver.find_element(By.XPATH,'//span[@title="3-6 Lakhs"]')
           salary_checkbox.click()
```

```
In [16]:   title=[]
           location=[]
           company=[]
           experience=[]

           job_title= driver.find_elements(By.XPATH,'//a[@class="title ellipsis"]')

           for store in job_title[0:10]:
               titles=store.text
               title.append(titles)

           job_location= driver.find_elements(By.XPATH,'//span[@class="ellipsis fleft locWdth"]')

           for store in job_location[0:10]:
               loc=store.text
               location.append(loc)

           company_name= driver.find_elements(By.XPATH,'//a[@class="subTitle ellipsis fleft"]')

           for store in company_name[0:10]:
               names=store.text
               company.append(names)

           exp_required= driver.find_elements(By.XPATH,'//span[@class="ellipsis fleft expwdth"]')

           for store in exp_required[0:10]:
               exp=store.text
               experience.append(exp)
```

```
In [17]:   len(title),len(location),len(company),len(experience)
```

```
Out[17]:   (10, 10, 10, 10)
```

```
In [18]:   df= pd.DataFrame({'Job Titles': title, 'Job Location': location, 'Company': company,
           df
```

Out[18]:

	Job Titles	Job Location	Company	Experience Required
0	Data Scientist	Temp. WFH - Kochi/Cochin, Kolkata, Hyderabad/S...	Cognizant	6-10 Yrs
1	Junior Data Scientist	Kolkata, Mumbai, New Delhi, Hyderabad/Secunder...	Analytos	0-2 Yrs
2	Data Scientist	Gurgaon/Gurugram, Bangalore/Bengaluru	Blackbuck	3-7 Yrs
3	Data Scientist	Kolkata, Mumbai, New Delhi, Hyderabad/Secunder...	Analytos	2-4 Yrs
4	Data Scientist	Kolkata, Mumbai, New Delhi, Hyderabad/Secunder...	Tabsquare	1-3 Yrs
5	Analyst-Data Science	Gurgaon/Gurugram	AMERICAN EXPRESS	0-3 Yrs
6	Junior Data Scientist	Gurgaon/Gurugram, United States (USA), Bulgaria	Adidas	1-6 Yrs
7	Analyst-Data Science	Gurgaon/Gurugram	AMERICAN EXPRESS	0-3 Yrs
8	Assistant Manager/Senior Manager - Data Scientist	Gurgaon/Gurugram, Bangalore/Bengaluru	Huquo Consulting Pvt. Ltd	2-7 Yrs
9	Machine Learning Engineer	Noida	Profit By Outsourcing	2-7 Yrs

In [ ]:

Data of first 100 "sunglasses" listings on flipkart.com

In [171…

```
!pip install Selenium
```

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: trio~=0.17 in c:\users\sony\anaconda3\lib\site-package
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ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [214…
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [215…
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [216…
```python
driver.get("https://www.flipkart.com/")
```

In [217…
```python
product= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[1]/div[1]/div[2]/div[
product.send_keys('Sunglasses')
```

In [218…
```python
cancel= driver.find_element(By.XPATH,'/html/body/div[2]/div/div/button')
cancel.click()
```

In [219…
```python
search= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[1]/div[1]/div[2]/div[2
search.click()
```

In [229…
```python
brand=[]
description=[]
```

```python
price=[]

brand_name= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')

for store in brand_name:
    name=store.text
    brand.append(name)


product_des= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in product_des:
    des=store.text
    description.append(des)


pro_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in pro_price:
    prices= store.text
    price.append(prices)
```

In [231...
```python
next= driver.find_element(By.XPATH,'//a[@class="_1LKTO3"]')
next.click()
```

In [232...
```python
brand_name1= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')

for store in brand_name1:
    names=store.text
    brand.append(name1)

product_description= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in product_description:
    descr= store.text
    description.append(descr)
description.insert(44,"UV Protection Rectangular Sunglasses (Free Size)")

product_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in product_price:
    pricing=store.text
    price.append(pricing)
```

In [233...
```python
p_des= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2]/div[3]
```

In [234...
```python
p_des
```

Out[234]:
```
'UV Protection Rectangular Sunglasses (Free Size)'
```

In [236...
```python
next1=driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2]/div[12]
next1.click()
```

In [237...
```python
brand_name2= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')
```

```python
for store in brand_name2[0:20]:
    bname=store.text
    brand.append(bname)

p_des= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in p_des[0:20]:
    desc=store.text
    description.append(desc)

p_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in p_price[0:20]:
    pp=store.text
    price.append(pp)
```

In [238… `len(brand), len(description),len(price)`

Out[238]: `(100, 100, 100)`

In [239…
```python
df=pd.DataFrame({'Brand Name':brand, 'Product Description':description, 'Price':price]
df
```

Out[239]:

	Brand Name	Product Description	Price
0	ROZZETTA CRAFT	UV Protection Round Sunglasses (Free Size)	₹699
1	NuVew	UV Protection, Mirrored Round Sunglasses (50)	₹99
2	SRPM	UV Protection Wayfarer Sunglasses (50)	₹149
3	Fastrack	UV Protection Wayfarer Sunglasses (Free Size)	₹604
4	Elligator	UV Protection Cat-eye, Retro Square, Oval, Rou...	₹149
...	...	...	...
95	CRYSTAL CART	Polarized, UV Protection, Gradient, Riding Gla...	₹329
96	kingsunglasses	UV Protection Rectangular Sunglasses (Free Size)	₹190
97	Fastrack	UV Protection Wrap-around Sunglasses (Free Size)	₹519
98	VINCENT CHASE	by Lenskart Polarized, UV Protection Cat-eye S...	₹854
99	shadz	Gradient, UV Protection Round, Wayfarer Sungla...	₹209

100 rows × 3 columns

In [ ]:

data for first 100 "sneakers" on flipkart

In [240… `!pip install Selenium`

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: trio~=0.17 in c:\users\sony\anaconda3\lib\site-package
s (from Selenium) (0.22.0)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
-packages (from Selenium) (2022.9.14)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\sony\anaconda3\lib\si
te-packages (from Selenium) (1.26.11)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\sit
e-packages (from Selenium) (0.10.2)
Requirement already satisfied: sortedcontainers in c:\users\sony\anaconda3\lib\site-p
ackages (from trio~=0.17->Selenium) (2.4.0)
Requirement already satisfied: exceptiongroup>=1.0.0rc9 in c:\users\sony\anaconda3\li
b\site-packages (from trio~=0.17->Selenium) (1.1.1)
Requirement already satisfied: async-generator>=1.9 in c:\users\sony\anaconda3\lib\si
te-packages (from trio~=0.17->Selenium) (1.10)
Requirement already satisfied: outcome in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: idna in c:\users\sony\anaconda3\lib\site-packages (fro
m trio~=0.17->Selenium) (3.3)
Requirement already satisfied: attrs>=19.2.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from trio~=0.17->Selenium) (21.4.0)
Requirement already satisfied: sniffio in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: cffi>=1.14 in c:\users\sony\anaconda3\lib\site-package
s (from trio~=0.17->Selenium) (1.15.1)
Requirement already satisfied: wsproto>=0.14 in c:\users\sony\anaconda3\lib\site-pack
ages (from trio-websocket~=0.9->Selenium) (1.2.0)
Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\users\sony\anaconda3
\lib\site-packages (from urllib3[socks]~=1.26->Selenium) (1.7.1)
Requirement already satisfied: pycparser in c:\users\sony\anaconda3\lib\site-packages
(from cffi>=1.14->trio~=0.17->Selenium) (2.21)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [241...
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [270...
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [271...
```python
driver.get("https://www.flipkart.com/")
```

In [272...
```python
cancel= driver.find_element(By.XPATH,'/html/body/div[2]/div/div/button')
cancel.click()
```

In [273...
```python
product= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[1]/div[1]/div[2]/div[
product.send_keys('Sneakers')
```

In [274...
```python
search= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[1]/div[1]/div[2]/div[2
search.click()
```

In [275...
```python
brand=[]
description=[]
```

```
price=[]

b_name= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')

for store in b_name:
    name=store.text
    brand.append(name)

b_des= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in b_des:
    des=store.text
    description.append(des)

b_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in b_price:
    prices=store.text
    price.append(prices)
```

In [277…
```
next= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2]/div[12]
next.click()
```

In [278…
```
br_name= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')

for store in br_name:
    names=store.text
    brand.append(names)

br_des= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in br_des:
    bdes=store.text
    description.append(bdes)
description.insert(48,"Lightweight,Comfort,Summer,Trendy,Walking,Outdoor,Styli...")

br_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in br_price:
    bprice=store.text
    price.append(bprice)
```

In [279…
```
des48= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2]/div[4]
```

In [280…
```
des48
```

Out[280]:
```
'Lightweight,Comfort,Summer,Trendy,Walking,Outdoor,Styli...'
```

In [282…
```
next_page= driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2]/di
next_page.click()
```

In [283…
```
brand_name= driver.find_elements(By.XPATH,'//div[@class="_2WkVRV"]')

for store in brand_name[0:20]:
    bnames=store.text
    brand.append(bnames)
```

```python
brand_description= driver.find_elements(By.XPATH,'//a[@class="IRpwTa"]')

for store in brand_description[0:20]:
    bdescription=store.text
    description.append(bdescription)

brand_price= driver.find_elements(By.XPATH,'//div[@class="_30jeq3"]')

for store in brand_price[0:20]:
    pprice=store.text
    price.append(pprice)
```

In [284…   `len(brand),len(description),len(price)`

Out[284]:   (100, 100, 100)

In [285…
```python
df= pd.DataFrame({'Brand Name':brand,'Product Description':description, 'Price':price]
df
```

Out[285]:

	Brand Name	Product Description	Price
0	New Balance	500 Sneakers For Men	₹4,244
1	New Balance	500 Sneakers For Men	₹4,105
2	SFR	Sneakers For Men	₹299
3	Kraasa	Sneakers For Women	₹299
4	SFR	Sneakers For Men	₹279
...	...	...	...
95	kardam&sons	Canvas Casual Partywear Outdoor Shoes For Boys...	₹439
96	BRUTON	Combo Pack Of 2 Casual Shoes Sneakers For Men	₹599
97	BRUTON	2 Combo Sneaker Shoes Sneakers For Men	₹599
98	Asics	GEL-VENTURE 8 Sneakers For Men	₹3,049
99	asian	WATERPROOF-05cFULLBLACK Sneakers For Men	₹629

100 rows × 3 columns

In [ ]:

Data for "Laptops" on amazon

In [286…   `!pip install Selenium`

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\sit
e-packages (from Selenium) (0.10.2)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
-packages (from Selenium) (2022.9.14)
Requirement already satisfied: trio~=0.17 in c:\users\sony\anaconda3\lib\site-package
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Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\sony\anaconda3\lib\si
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te-packages (from trio~=0.17->Selenium) (1.10)
Requirement already satisfied: cffi>=1.14 in c:\users\sony\anaconda3\lib\site-package
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ages (from trio~=0.17->Selenium) (21.4.0)
Requirement already satisfied: exceptiongroup>=1.0.0rc9 in c:\users\sony\anaconda3\li
b\site-packages (from trio~=0.17->Selenium) (1.1.1)
Requirement already satisfied: outcome in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: sortedcontainers in c:\users\sony\anaconda3\lib\site-p
ackages (from trio~=0.17->Selenium) (2.4.0)
Requirement already satisfied: idna in c:\users\sony\anaconda3\lib\site-packages (fro
m trio~=0.17->Selenium) (3.3)
Requirement already satisfied: sniffio in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: wsproto>=0.14 in c:\users\sony\anaconda3\lib\site-pack
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\lib\site-packages (from urllib3[socks]~=1.26->Selenium) (1.7.1)
Requirement already satisfied: pycparser in c:\users\sony\anaconda3\lib\site-packages
(from cffi>=1.14->trio~=0.17->Selenium) (2.21)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [290...
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [287...
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [314...
```python
driver.get("https://www.amazon.in/")
```

In [315...
```python
product= driver.find_element(By.XPATH,'/html/body/div[1]/header/div/div[1]/div[2]/div/
product.send_keys('Laptop')
```

In [316...
```python
search= driver.find_element(By.XPATH,'/html/body/div[1]/header/div/div[1]/div[2]/div/f
search.click()
```

In [317...
```python
CPU_filter= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div[1]/div[2]/div/d
CPU_filter.click()
```

In [321...
```python
title=[]
ratings=[]
```

```python
price=[]

title_tags= driver.find_elements(By.XPATH,'//span[@class="a-size-medium a-color-base a

for store in title_tags[0:10]:
    titles=store.text
    title.append(titles)

lap_ratings= driver.find_elements(By.XPATH,'//i[@class="a-icon a-icon-star-small a-sta

for store in lap_ratings[0:10]:
    rating=store.text
    ratings.append(rating)

lap_price= driver.find_elements(By.XPATH,'//span[@class="a-price-whole"]')

for store in lap_price[0:10]:
    prices=store.text
    price.append(prices)
```

In [322… `len(title),len(ratings),len(price)`

Out[322]: `(10, 10, 10)`

In [323…
```python
df= pd.DataFrame({'Title': title, 'Ratings':ratings, 'Price': price})
df
```

Out[323]:

	Title	Ratings	Price
0	HP Victus Gaming Latest 12th Gen Intel Core i7…		82,990
1	HP Pavilion Plus, 12th Gen Intel Core i7 16GB …		93,990
2	Samsung Galaxy Book2 (NP750) Intel 12th Gen co…		76,990
3	ASUS TUF Gaming F15 (2022), 15.6"(39.62 cms) F…		94,990
4	Lenovo Legion S7 Intel Core i7 12th Gen 16"(40…		1,48,020
5	ASUS TUF Dash F15, Intel Core i7-12650H 12th G…		99,990
6	Dell G15 5520 Windows 11 Gaming Laptop, Intel …		99,990
7	LG Gram16 Intel EVO-[12th Gen Core i7/Win11/16…		82,990
8	HP Pavilion 14 12th Gen Intel Core i7 16GB SDR…		84,490
9	Dell G15-5520 Gaming Laptop, i7-12650H, 16GB D…		1,23,990

In [ ]:

Data for Top 1000 Quotes of All Time

In [325… `!pip install Selenium`

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: trio~=0.17 in c:\users\sony\anaconda3\lib\site-package
s (from Selenium) (0.22.0)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\sit
e-packages (from Selenium) (0.10.2)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\sony\anaconda3\lib\si
te-packages (from Selenium) (1.26.11)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
-packages (from Selenium) (2022.9.14)
Requirement already satisfied: exceptiongroup>=1.0.0rc9 in c:\users\sony\anaconda3\li
b\site-packages (from trio~=0.17->Selenium) (1.1.1)
Requirement already satisfied: async-generator>=1.9 in c:\users\sony\anaconda3\lib\si
te-packages (from trio~=0.17->Selenium) (1.10)
Requirement already satisfied: attrs>=19.2.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from trio~=0.17->Selenium) (21.4.0)
Requirement already satisfied: cffi>=1.14 in c:\users\sony\anaconda3\lib\site-package
s (from trio~=0.17->Selenium) (1.15.1)
Requirement already satisfied: sniffio in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: sortedcontainers in c:\users\sony\anaconda3\lib\site-p
ackages (from trio~=0.17->Selenium) (2.4.0)
Requirement already satisfied: idna in c:\users\sony\anaconda3\lib\site-packages (fro
m trio~=0.17->Selenium) (3.3)
Requirement already satisfied: outcome in c:\users\sony\anaconda3\lib\site-packages
(from trio~=0.17->Selenium) (1.2.0)
Requirement already satisfied: wsproto>=0.14 in c:\users\sony\anaconda3\lib\site-pack
ages (from trio-websocket~=0.9->Selenium) (1.2.0)
Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\users\sony\anaconda3
\lib\site-packages (from urllib3[socks]~=1.26->Selenium) (1.7.1)
Requirement already satisfied: pycparser in c:\users\sony\anaconda3\lib\site-packages
(from cffi>=1.14->trio~=0.17->Selenium) (2.21)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [339...
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [340...
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [341...
```python
driver.get("https://www.azquotes.com/")
```

In [342...
```python
top_quotes= driver.find_element(By.XPATH,'/html/body/div[1]/div[1]/div[1]/div/div[3]/u
top_quotes.click()
```

In [343...
```python
search= driver.find_element(By.XPATH,'/html/body/div[1]/div[1]/div[1]/div/div[2]/div[1
search.click()
```

In [344...
```python
quote=[]
author=[]
type_of_quotes=[]

top_quote= driver.find_elements(By.XPATH,'//a[@class="title"]')
```

```python
for store in top_quote:
    quotes=store.text
    quote.append(quotes)

author_name= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name:
    names=store.text
    author.append(names)

quotes_type= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type:
    types=store.text
    type_of_quotes.append(types)
```

In [345…
```python
next_page= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/c
next_page.click()
```

In [346…
```python
top_quote2= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote2:
    quotes2=store.text
    quote.append(quotes2)

author_name2= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name2:
    names2=store.text
    author.append(names2)

quotes_type2= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type2:
    types2=store.text
    type_of_quotes.append(types2)
```

In [347…
```python
page3= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/c
page3.click()
```

In [349…
```python
top_quote3= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote3:
    quotes3=store.text
    quote.append(quotes3)

author_name3= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name3:
    names3=store.text
    author.append(names3)

quotes_type3= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type3:
    types3=store.text
    type_of_quotes.append(types3)
```

In [350...
```python
page4= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page4.click()
```

In [352...
```python
top_quote4= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote4:
    quotes4=store.text
    quote.append(quotes4)

author_name4= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name4:
    names4=store.text
    author.append(names4)

quotes_type4= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type4:
    types4=store.text
    type_of_quotes.append(types4)
```

In [353...
```python
page5= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page5.click()
```

In [354...
```python
top_quote5= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote5:
    quotes5=store.text
    quote.append(quotes5)

author_name5= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name5:
    names5=store.text
    author.append(names5)

quotes_type5= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type5:
    types5=store.text
    type_of_quotes.append(types5)
```

In [355...
```python
page6= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page6.click()
```

In [356...
```python
top_quote6= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote6:
    quotes6=store.text
    quote.append(quotes6)

author_name6= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name6:
    names6=store.text
    author.append(names6)
```

```python
quotes_type6= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type6:
    types6=store.text
    type_of_quotes.append(types6)
```

In [357…
```python
page7= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page7.click()
```

In [358…
```python
top_quote7= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote7:
    quotes7=store.text
    quote.append(quotes7)

author_name7= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name7:
    names7=store.text
    author.append(names7)

quotes_type7= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type7:
    types7=store.text
    type_of_quotes.append(types7)
```

In [359…
```python
page8= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page8.click()
```

In [360…
```python
top_quote8= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote8:
    quotes8=store.text
    quote.append(quotes8)

author_name8= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name8:
    names8=store.text
    author.append(names8)

quotes_type8= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type8:
    types8=store.text
    type_of_quotes.append(types8)
```

In [361…
```python
page9= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page9.click()
```

In [362…
```python
top_quote9= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote9:
    quotes9=store.text
    quote.append(quotes9)

author_name9= driver.find_elements(By.XPATH,'//div[@class="author"]')
```

```python
for store in author_name9:
    names9=store.text
    author.append(names9)

quotes_type9= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type9:
    types9=store.text
    type_of_quotes.append(types9)
```

In [363…
```python
page1= driver.find_element(By.XPATH,'/html/body/div[1]/div[2]/div/div/div/div[1]/div/d
page1.click()
```

In [364…
```python
top_quote1= driver.find_elements(By.XPATH,'//a[@class="title"]')

for store in top_quote1:
    quotes1=store.text
    quote.append(quotes1)

author_name1= driver.find_elements(By.XPATH,'//div[@class="author"]')

for store in author_name1:
    names1=store.text
    author.append(names1)

quotes_type1= driver.find_elements(By.XPATH,'//div[@class="tags"]')

for store in quotes_type1:
    types1=store.text
    type_of_quotes.append(types1)
```

In [365…
```python
len(quote),len(author),len(type_of_quotes)
```

Out[365]: `(1000, 1000, 1000)`

In [366…
```python
df= pd.DataFrame({'Quote':quote, 'Author':author, 'Type of Quotes':type_of_quotes})
df
```

Out[366]:

	Quote	Author	Type of Quotes
0	The essence of strategy is choosing what not t...	Michael Porter	Essence, Deep Thought, Transcendentalism
1	One cannot and must not try to erase the past ...	Golda Meir	Inspiration, Past, Trying
2	Patriotism means to stand by the country. It d...	Theodore Roosevelt	Country, Peace, War
3	Death is something inevitable. When a man has ...	Nelson Mandela	Inspirational, Motivational, Death
4	You have to love a nation that celebrates its ...	Erma Bombeck	4th Of July, Food, Patriotic
...	...	...	...
995	Regret for the things we did can be tempered b...	Sydney J. Harris	Love, Inspirational, Motivational
996	America... just a nation of two hundred millio...	Hunter S. Thompson	Gun, Two, Qualms About
997	For every disciplined effort there is a multip...	Jim Rohn	Inspirational, Greatness, Best Effort
998	The spiritual journey is individual, highly pe...	Ram Dass	Spiritual, Truth, Yoga
999	The mind is not a vessel to be filled but a fi...	Plutarch	Inspirational, Leadership, Education

1000 rows × 3 columns

In [ ]:

list of respected former Prime Ministers of India

In [367...

```
!pip install Selenium
```

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
-packages (from Selenium) (2022.9.14)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\sony\anaconda3\lib\si
te-packages (from Selenium) (1.26.11)
Requirement already satisfied: trio~=0.17 in c:\users\sony\anaconda3\lib\site-package
s (from Selenium) (0.22.0)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\sit
e-packages (from Selenium) (0.10.2)
Requirement already satisfied: sortedcontainers in c:\users\sony\anaconda3\lib\site-p
ackages (from trio~=0.17->Selenium) (2.4.0)
Requirement already satisfied: idna in c:\users\sony\anaconda3\lib\site-packages (fro
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b\site-packages (from trio~=0.17->Selenium) (1.1.1)
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Requirement already satisfied: cffi>=1.14 in c:\users\sony\anaconda3\lib\site-package
s (from trio~=0.17->Selenium) (1.15.1)
Requirement already satisfied: wsproto>=0.14 in c:\users\sony\anaconda3\lib\site-pack
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Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\users\sony\anaconda3
\lib\site-packages (from urllib3[socks]~=1.26->Selenium) (1.7.1)
Requirement already satisfied: pycparser in c:\users\sony\anaconda3\lib\site-packages
(from cffi>=1.14->trio~=0.17->Selenium) (2.21)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [368...
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [428...
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [450...
```python
driver.get("https://www.jagranjosh.com/")
```

In [451...
```python
gk= driver.find_element(By.XPATH,'/html/body/div/div[1]/div/div[1]/div/div[5]/div/div[
gk.click()
```

In [461...
```python
pm= driver.find_element(By.XPATH,'/html/body/div[1]/div/div/div[2]/div/div[10]/div/div
pm.click()
```

In [466...
```python
name=[]
born=[]
term=[]
remark=[]
```

```
pm_name= driver.find_elements(By.TAG_NAME,"tr")

for store in pm_name:
    names=store.text.replace('\n',' ')
    name.append(names)
```

In [467…   `name`

Out[467]:   ['S.N. Name Born-Dead Term of office Remark',
 '1. Jawahar Lal Nehru (1889–1964) 15 August 1947 to 27 May 1964 16 years, 286 days T
he first prime minister of India and the longest-serving PM of India, the first to di
e in office.',
 '2. Gulzarilal Nanda (Acting) (1898-1998) 27 May 1964 to 9 June 1964, 13 days First
acting PM of India',
 "3. Lal Bahadur Shastri (1904–1966) 9 June 1964 to 11 January 1966 1 year, 216 days
He has given the slogan of 'Jai Jawan Jai Kisan' during the Indo-Pak war of 1965",
 '4. Gulzari Lal Nanda (Acting) (1898-1998) 11 January 1966 to 24 January 1966 13 d
ays -',
 '5. Indira Gandhi (1917–1984) 24 January 1966 to 24 March 1977 11 years, 59 days Fir
st female Prime Minister of India',
 '6. Morarji Desai (1896–1995) 24 March 1977 to 28 July 1979 2 year, 126 days Oldes
t to become PM (81 years old) and first to resign from office',
 '7. Charan Singh (1902–1987) 28 July 1979 to 14 January 1980 170 days Only PM who di
d not face the Parliament',
 '8. Indira Gandhi (1917–1984) 14 January 1980 to 31 October 1984 4 years, 291 days T
he first lady who served as PM for the second term',
 '9. Rajiv Gandhi (1944–1991) 31 October 1984 to 2 December 1989 5 years, 32 days You
ngest to become PM (40 years old)',
 '10. V. P. Singh (1931–2008) 2 December 1989 to 10 November 1990 343 days First PM t
o step down after a vote of no confidence',
 '11. Chandra Shekhar (1927–2007) 10 November 1990 to 21 June 1991 223 days He belong
s to Samajwadi Janata Party',
 '12. P. V. Narasimha Rao (1921–2004) 21 June 1991 to 16 May 1996 4 years, 330 days F
irst PM from south India',
 '13. Atal Bihari Vajpayee (1924- 2018) 16 May 1996 to 1 June 1996 16 days PM for sho
rtest tenure',
 '14. H. D. Deve Gowda (born 1933) 1 June 1996 to 21 April 1997 324 days He belongs t
o Janata Dal',
 '15. Inder Kumar Gujral (1919–2012) 21 April 1997 to 19 March 1998 332 days ------
',
 '16. Atal Bihari Vajpayee (1924-2018) 19 March 1998 to 22 May 2004 6 years, 64 days
The first non-congress PM who completed a full term as PM',
 '17. Manmohan Singh (born 1932) 22 May 2004 to 26 May 2014   10 years, 4 days Firs
t Sikh PM',
 '18. Narendra Modi (born 1950) 26 May 2014 - Present 4th Prime Minister of India who
served two consecutive tenures',
 'List of all Presidents of India List of Current Chief Ministers in India',
 'List of Nicknames of Indian Prime Ministers List of Chief Ministers of Karnataka (1
947-2021)']

In [ ]:

list of 50 Most expensive cars in the world

In [383…   `!pip install Selenium`

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\sony\anaconda3\lib\site
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Requirement already satisfied: h11<1,>=0.9.0 in c:\users\sony\anaconda3\lib\site-pack
ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [392...
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [397...
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [398...
```python
driver.get("https://www.motor1.com/")
```

In [400...
```python
dropdown= driver.find_element(By.XPATH,'/html/body/div[3]/div[2]/div/div/div[1]/div')
dropdown.click()
```

In [401...
```python
features= driver.find_element(By.XPATH,'/html/body/div[4]/div[1]/div[3]/ul/li[5]/butto
features.click()
```

In [402...
```python
lists= driver.find_element(By.XPATH,'/html/body/div[4]/div[1]/div[3]/ul/li[6]/ul/li[1]
lists.click()
```

In [403...
```python
exp_cars= driver.find_element(By.XPATH,'/html/body/div[3]/div[8]/div[1]/div[1]/div/div
exp_cars.click()
```

In [406…
```python
cars=[]

car_name= driver.find_elements(By.XPATH,'//h3[@class="subheader"]')

for store in car_name[0:50]:
    names=store.text
    cars.append(names)
```

In [407…
```python
df= pd.DataFrame({'Cars':cars})
df
```

Out[407]:

	Cars
0	De Tomaso P72
1	Ferrari LaFerrari
2	Pagani Huayra
3	McLaren Elva
4	Czinger 21C
5	Ferrari Monza
6	Gordon Murray T.33
7	Koenigsegg Gemera
8	Zenvo TSR-S
9	Hennessey Venom F5
10	Bentley Bacalar
11	Hispano Suiza Carmen Boulogne
12	Bentley Mulliner Batur
13	Deus Vayanne
14	SSC Tuatara
15	Lotus Evija
16	Aston Martin Vulcan
17	Delage D12
18	McLaren Speedtail
19	Rimac Nevera
20	Pagani Utopia
21	Pininfarina Battista
22	Ferrari FXX K Evo
23	Gordon Murray T.50
24	Lamborghini Countach
25	Mercedes-AMG Project One
26	Aston Martin Victor
27	Hennessey Venom F5 Roadster
28	Koenigsegg Jesko
29	Aston Martin Valkyrie
30	W Motors Lykan Hypersport
31	McLaren Solus
32	Pagani Huayra Roadster BC
33	Bugatti Chiron Pur Sport

	Cars
34	Lamborghini Sian
35	Koenigsegg CC850
36	Bugatti Chiron Super Sport 300+
37	Lamborghini Veneno
38	Bugatti Bolide
39	Bugatti Mistral
40	Pagani Huayra Imola
41	Bugatti Divo
42	SP Automotive Chaos
43	Pagani Codalunga
44	Mercedes-Maybach Exelero
45	Bugatti Centodieci
46	Bugatti Chiron Profilée
47	Rolls-Royce Sweptail
48	Bugatti La Voiture Noire
49	Rolls-Royce Boat Tail*

In [ ]:

data from flipkart.com for iphone11 phone

In [423…

```
!pip install Selenium
```

```
Requirement already satisfied: Selenium in c:\users\sony\anaconda3\lib\site-packages
(4.8.3)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\sony\anaconda3\lib\sit
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b\site-packages (from trio~=0.17->Selenium) (1.1.1)
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ages (from wsproto>=0.14->trio-websocket~=0.9->Selenium) (0.14.0)
```

In [424…]
```python
import selenium
import pandas as pd
from selenium import webdriver
import warnings
warnings.filterwarnings('ignore')
from selenium.webdriver.common.by import By
import time
```

In [425…]
```python
driver= webdriver.Chrome(r"C:\Users\Sony\Downloads\chromedriver.exe")
```

In [426…]
```python
driver.get("https://www.flipkart.com/apple-iphone-11-black-64-gb/product")
```

In [ ]:
```
Unfortunately the page you are looking for has been moved or deleted
GO TO HOMEPAGE
```

In [ ]: