**Using AutoScraper:**

from autoscraper import AutoScraper

import pandas as pd

# Your Amazon URL and the list of items you want to scrape

amazon\_url = "https://www.amazon.in/s?k=casio+g+shock+watches"

wanted\_list = ["Casio G-Shock Digital Black Dial Men's Watch-GD-100-1BDR (G310)", "4,555"]

# Initialize the scraper and build the scraping model

scraper = AutoScraper()

result = scraper.build(amazon\_url, wanted\_list)

# Ensure that the result is a list of lists (each inner list representing a row)

# For example, if result is currently a list of single values, convert it to a list of lists

result = [[item] for item in result]

# Convert the scraped data into a pandas DataFrame

df = pd.DataFrame(result, columns=['Product', 'Price'])

# Save the DataFrame to an Excel file

df.to\_excel('scraped\_data.xlsx', index=False)

print('Data saved to Excel file successfully!')

**2ndexample:**

from autoscraper import AutoScraper

url="https://www.amazon.in/Casio-G-Shock-Digital-Watch-GD-100-1BDR-G310/dp/B0049HSJ76/ref=sr\_1\_1?crid=3JY0FAQNLD4J9&dib=eyJ2IjoiMSJ9.JbVrUAEcdIcX6jN585SyJRFa1lBrKln6C-t2Az-wcGH8dLKW1HXaq2ocqqOXFohadHu0S07rWc8TZYGOo4eMbgYdt7-3zqHr2QnV\_NPq6oJoK09Cp02\_zITXfFriMPZ0slxqoTb\_tnYo8QroxXZ-ilW0Hrag7doETk0fIg9tguAYDx2RwTf8zWI2riITt9XhYrK415PXmIDri78t7cG-cERe51rDmgbhGheSMFcVkMJjViKPnH6yqmrW1JPUfidBQ\_X1ihfCGW5-ilzLPbtkTWC56LK5dsWic49q3D5oHkU.Kszb31J6m8rRZlOkDXv26KreA-EYT513uRtIvhbnnjQ&dib\_tag=se&keywords=casio%2Bg%2Bshock%2Bwatches%2Bfor%2Bmen&qid=1709887375&sprefix=casio%2Bg%2Bshock%2Bwatches%2Bfor%2Bmen%2Caps%2C803&sr=8-1-spons&sp\_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1"

items\_required=['₹7,195']

scraper=AutoScraper()

result=scraper.build(url,items\_required)

print(result)

Using Selinium:

from selenium import webdriver

from [selenium.webdriver.common.by](http://selenium.webdriver.common.by/) import By

from selenium.webdriver.support.ui import WebDriverWait

from selenium.webdriver.support import expected\_conditions as EC

import pandas as pd

driver = webdriver.Chrome()

color,title,price,rating,offer=[],[],[],[],[]

for page in range(1,22):

    url=f"[https://www.flipkart.com/search?q=apple+phones&page={page}](https://www.flipkart.com/search?q=apple+phones&page=%7Bpage%7D)"

    driver.get(url)

    WebDriverWait(driver, 10).until(EC.presence\_of\_element\_located((By.CSS\_SELECTOR, "div.\_4rR01T")))

    titles=driver.find\_elements(By.CSS\_SELECTOR, "div.\_4rR01T")

    prices=driver.find\_elements(By.CSS\_SELECTOR, "div.\_30jeq3.\_1\_WHN1")

    ratings=driver.find\_elements(By.CSS\_SELECTOR, "div.\_3LWZlK")

    offers=driver.find\_elements(By.CSS\_SELECTOR, "div.\_3Ay6Sb")

    for i in range(len(titles)):

        title\_text = titles[i].text

        start = title\_text.find("(")+1

        end = title\_text.find(",")

        colors = title\_text[start:end]

        color.append(colors)

        title.append(title\_text[:title\_text.index("(")].strip() if i < len(titles) else 'N/A')

        price.append(prices[i].text[1:].replace(",","").strip() if i < len(prices) else 'N/A')

        rating.append(ratings[i].text.strip() if i < len(ratings) else 'N/A')

        if i < len(offers):

            offer\_text = offers[i].text

            offer.append(offer\_text[:offer\_text.find("%")].strip() if offers[i].text != "" else '0')

        else:

            offer.append("0")

price = [int(p) for p in price]

offer = [float(o) for o in offer]

rating = [float(r) for r in rating]

driver.close()

df=pd.DataFrame({

    'Title':title,

    "Color":color,

    'Price':price,

    'Rating':rating,

    'Offer':offer

})

df.to\_csv('iphones.csv',index=False)