#Create a review scrapper for any ecommerce website to fetch real time comments, reviews, ratings, comment tags, customer name using Python

In [2]:
```python
!pip install bs4
```

```
Requirement already satisfied: bs4 in c:\users\swanand\anaconda3\lib\site-
packages (0.0.2)
Requirement already satisfied: beautifulsoup4 in c:\users\swanand\anaconda
3\lib\site-packages (from bs4) (4.12.2)
Requirement already satisfied: soupsieve>1.2 in c:\users\swanand\anaconda3
\lib\site-packages (from beautifulsoup4->bs4) (2.4)
```

In [3]:
```python
!pip install requests
```

```
Requirement already satisfied: requests in c:\users\swanand\anaconda3\lib
\site-packages (2.29.0)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\swanan
d\anaconda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\users\swanand\anaconda3
\lib\site-packages (from requests) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\swanand\a
naconda3\lib\site-packages (from requests) (1.26.16)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\swanand\anac
onda3\lib\site-packages (from requests) (2023.7.22)
```

In [17]:
```python
from bs4 import BeautifulSoup
import bs4
import requests
import pandas as pd
```

In [18]:
```python
request1 = requests.get("https://www.amazon.com/GoPro-HERO12-Black-Waterpro
request1
```

Out[18]: <Response [200]>

In [19]:
```python
request1.content
```

Out[19]: b'<!doctype html><html lang="en-us" class="a-no-js" data-19ax5a9jf="din
go"><!-- sp:feature:head-start -->\n<head><script>var aPageStart = (new
Date()).getTime();</script><meta charset="utf-8"/>\n<!-- sp:end-featur
e:head-start -->\n<!-- sp:feature:csm:head-open-part1 -->\n<script ty
pe=\'text/javascript\'>var ue_t0=ue_t0||+new Date();</script>\n<!-- sp:
end-feature:csm:head-open-part1 -->\n<!-- sp:feature:cs-optimization --
>\n<meta http-equiv=\'x-dns-prefetch-control\' content=\'on\'>\n<link r
el="dns-prefetch" href="https://images-na.ssl-images-amazon.com">\n<lin
k rel="dns-prefetch" href="https://m.media-amazon.com">\n<link rel="dns
-prefetch" href="https://completion.amazon.com">\n<!-- sp:end-feature:c
s-optimization -->\n<!-- sp:feature:csm:head-open-part2 -->\n<script ty
pe=\'text/javascript\'>\nwindow.ue_ihb = (window.ue_ihb || window.ueini
t || 0) + 1;\nif (window.ue_ihb === 1) {\n\nvar ue_csm = window,\n    u
e_hob = +new Date();\n(function(d){var e=d.ue=d.ue||{},f=Date.now||func
tion(){return+new Date};e.d=function(b){return f()-(b?0:d.ue_t0)};e.stu
b=function(b,a){if(!b[a]){var c=[];b[a]=function(){c.push([c.slice.call
(arguments),e.d(),d.ue_id])};b[a].replay=function(b){for(var a;a=c.shif
t();)b(a[0],a[1],a[2])};b[a].isStub=1}};e.exec=function(b,a){return fun
ction(){try{return b.apply(this,arguments)}catch(c){ueLogError(c,{attri

In [22]:
```python
soup = bs4.BeautifulSoup(request1.text)
soup
```

Out[22]: <!DOCTYPE html>
<html class="a-no-js" data-19ax5a9jf="dingo" lang="en-us"><!-- sp:featu
re:head-start -->
<head><script>var aPageStart = (new Date()).getTime();</script><meta ch
arset="utf-8"/>
<!-- sp:end-feature:head-start -->
<!-- sp:feature:csm:head-open-part1 -->
<script type="text/javascript">var ue_t0=ue_t0||+new Date();</script>
<!-- sp:end-feature:csm:head-open-part1 -->
<!-- sp:feature:cs-optimization -->
<meta content="on" http-equiv="x-dns-prefetch-control"/>
<link href="https://images-na.ssl-images-amazon.com" rel="dns-prefetc
h"/>
<link href="https://m.media-amazon.com" rel="dns-prefetch"/>
<link href="https://completion.amazon.com" rel="dns-prefetch"/>
<!-- sp:end-feature:cs-optimization -->
<!-- sp:feature:csm:head-open-part2 -->
<script type="text/javascript">
window.ue_ihb = (window.ue_ihb || window.ueinit || 0) + 1;

Fetching the reviews and comments

In [23]:
```python
reviews =soup.find_all('div',{'class':'a-expander-content reviewText review
for review in reviews:
    print(review.get_text() + "\n\n")
```

The media could not be loaded.

  I come from a gopro hero 301 and its fantastic, well.. i should say the b
attery it's not like i thoughtin 4k 30fps lasts about 1 hour of recording
but 60fps reduces tu 30-40 minutos and it's starting to get warm very war
m, but the quality its great i love the stabilization and the quality of t
he video, normally i record in 5.3k 30fps Angular for record my trips, I h
ave been trying the hyperview but I think it is for other uses, maybe thin
k about buying the lens 2.0 mod to have the superview with horizon lock, w
hich is a great feature, the hdr from the standar video its looks the same
thing ( maybe if you recording with the hdr inside your car  and recording
in the front maybe the sky looks better ) but one solution what i found it
s connect a powerbank (anker) and its works! for long trips in my bike or
just sequence videos. Oh i forget the automatic upload to the cloud of gop
ro makes the camera too hot, i think about it and maybe upload manually in
browser...---update---- 2024-02-19The camera is fantastic, it has excellen
t recording and stabilization, I use it on my bicycle on the handlebarsI h
ad a problem with heating, I could only last about 45 minutes recording at
4k 60fps, now what I did was buy a battery cover that has a hole in the ch
arger, and I connected an Anker 10k portable battery, and that's how I sol
ved the problem of the warming up, and I can record up to 5 hours with tha
t battery.Also with the upload to the cloud, I had problems connecting to
my new ax55 archer router, I detected that it was the 160Mhz frequency tha
t created a conflict and did not allow me to connect, what I did was lower
the router to 80Mhz and it started to upload, and the heating is the same
there is no way, just take out the battery and connect it there if it rema
ins normal, but regarding the wifi I activated the 160Mhz again and it rem
ained connected and the upload finished, I have not yet tried again to see
if it goes back up without making that change in the router.

I have been slow to get a GoPro because I thought it would be difficult to
use and not offer any better picture quality.  While I do think the camera
is not easy to use, it's not too difficult and can be mastered with a litt
le experience and use.  The picture quality is absolutely amazing.  I boug
ht the GoPro12 and could not be happier.  We took it on vacation recently
to Wyoming and the pics and videos are incredible,. Even with brightness f
rom the snow making some of the shadows darker, it still did very well.I h
ighly recommend this camera!

Much of the GoPro is first class. The features are numerous and the most c
ommon are easy to get to. I'm impressed with how the Quik phone app works
so far. Given that you mount the thing in ways that make it hard to get t
o, the voice commands and use of the Quik app to control many functions is
super useful.Now to the flaw: The charging is brain-dead! This is a seriou
s problem though not fatal. The camera needs a 2 amp power supply that is
NOT included. My Macbook supply does not have the needed rating so the GoP
ro will not charge from it. One every other USB C device I have, the charg

ing on a weak power supply (lump) is just slower--where the GoPro simply r
efuses to charge! This means you need to carry around a special lump for i
t! I have USB ports in my car but none will work. This is a flaw that I ho
pe they solve in the future since there is no reason a powered off device
cannot charge from a low amperage (low wattage) supply, it will just charg
e slower.This high amperage (wattage) charging means the device is hot to
the touch when charging. It uses a lot of power so it is also hot when run
ning. There are ways to reduce the power it uses while running and I won't
fault them for this, some things just take the juice. Given that the batte
ries can be swapped there seems no reason to force a fast charge. There is
no reasonable excuse for NOT CHARGING slower on an under-powered lump, cmo
n GoPro!

I've owned the original Hero all the way up to this… the 12 and it's by fa
r the greatest in every way. Noteworthy features: the folding mount tabs o
n the bottom have a standard 1/4-20 thread for standard tripod mounting. T
his is great cuz you can mount it like any other camera, directly to a tri
pod or other accessories.The options to turn on or off things like WiFi, s
peech control, the front view screen is nice if you're wanting to optimize
battery life.The ability to really customize exposure time, resolution etc
and create fast presets to quickly begin shooting video in different ways,
exactly how you want.The picture and sound quality underwater is wonderfu
l. Even the transition between shooting underwater to above water is seaml
ess. No stubborn water droplets staying on the lens and no muffled sound f
rom trapped water in the mic holes.These are just a few of the many good t
hings.

Exceleente kit. Con lo necesario basico. Sirve muy bien, excelente calidad
video, foto y audio. Muuy contenta con la compra. Llego rapido y en perfec
to estado! Gracias

É excelente.

Muy recomendable funciona muy bien , la batería dura bastante, puedes mont
ar varias luces de distintas marcas gracia alas monturas

My first GoPro. I love the durability and size of this camera. Though I've
only used it a few times so far, the learning curve is small and easy to g
et rolling with it right away. Video and picture quality is awesome and wi
th so many accessories available the options for use and function seem lim
itless.

Atendeu muito bem as minhas necessidades

Average overall Rating

```
In [25]: ratings =soup.find('span',{'class' : 'a-size-base a-nowrap'}).get_text();
         print(ratings)
```

4.4 out of 5

Individual Ratings

```
In [27]: individual_ratings = soup.findAll('i',{'class' : 'a-icon a-icon-star a-star
         for indi_rating in individual_ratings:
             print(indi_rating.get_text() + "\n")
```

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

5.0 out of 5 stars

Fetching Tags

```
In [28]: tags =soup.find('th',{'class' : 'a-color-secondary a-size-base prodDetSecti
         tags
```

Out[28]: ' Product Dimensions '

Fetching the customer name

In [29]:
```python
customer_name = soup.findAll('span',{'class':'a-profile-name'});
for cust_name in customer_name:
    print(cust_name.get_text() + "\n")
```

HERO12 Black Unboxing and Review

Amazon Customer

Amazon Customer

Jorge Orellana

Jorge Orellana

Jay Butler

Patrick

Neightn

iulia coman

EVANDO

Jorge Chávez

Jacob Connell

Ítalo Viana

In [ ]: