

In [1]:

```
from bs4 import BeautifulSoup as bs
import requests
```

In [2]:

```
link="https://www.flipkart.com/apple-watch-series7-gps-cellular-45mm-graphite-stainless-ste
```

In [3]:

```
page=requests.get(link)
page
```

Out[3]:

```
<Response [200]>
```

In [4]:

```
page.content
```

...

In [5]:

```
soup=bs(page.content,"html.parser")
soup
```

...

In [6]:

```
title=soup.title
print(title)
print(type(title))
print(title.string)
```

```
<title>APPLE Watch Series7 (GPS+Cellular-45mm)Graphite Stainless Steel Case-
GraphiteLoop Price in India - Buy APPLE Watch Series7 (GPS+Cellular-45mm)Gra
phite Stainless Steel Case-GraphiteLoop online at Flipkart.com</title>
<class 'bs4.element.Tag'>
APPLE Watch Series7 (GPS+Cellular-45mm)Graphite Stainless Steel Case-Graphit
eLoop Price in India - Buy APPLE Watch Series7 (GPS+Cellular-45mm)Graphite S
tainless Steel Case-GraphiteLoop online at Flipkart.com
```

In [7]:

```
Price=soup.find_all("div",class="_30jeq3 _16Jk6d")
Price
```

Out[7]:

```
[<div class="_30jeq3 _16Jk6d">₹77,900</div>]
```

In [8]:

```
price=[]
for i in range(0,len(Price)):
    price.append(Price[i].get_text())
price
```

Out[8]:

```
['₹77,900']
```

In [9]:

```
offers=soup.find_all("div",class_="XUp0WS")
offers
```

...

In [10]:

```
available_offers=[]
for i in range(0,len(offers)):
    available_offers.append(offers[i].get_text())
available_offers
```

Out[10]:

```
['Bank Offer5% Cashback on Flipkart Axis Bank CardT&CPartner OfferBuy this p
roduct and get upto ₹500 off on Flipkart FurnitureKnow MorePartner OfferPurc
hase this product & win a surprise cashback coupon for The Big Billion Days
Sale 2022Know MorePartner OfferSign up for Flipkart Pay Later and get Flipka
rt Gift Card worth upto ₹1000*Know More']
```

In [11]:

```
#colour & size
cs=soup.find_all("div",class_="_3wmLAA")
cs
```

...

In [12]:

```
CS=[]
for i in range(0,len(cs)):
    CS.append(cs[i].get_text())
CS
```

Out[12]:

```
['Strap ColorBlackBlueGoldGreenGreyRedSilverWhitePlease select a Strap Color
to proceedXDisplay Size41 mm41 mm45 mm45 mmPlease select a Display Size to p
roceedX']
```

In [13]:

#Highlights

```
H=soup.find_all("div",class_="_2cM9lP")
H
```

Out[13]:

```
[<div class="_2cM9lP"><div class="_3a9CI2">Highlights</div><div class="_2418
kt"><ul><li class="_21Ahn">GPS + Cellular model lets you call, text and get
directions without your phone</li><li class="_21Ahn">Measure your blood oxy
gen with an all-new sensor and app</li><li class="_21Ahn">Check your heart
rhythm with the ECG app</li><li class="_21Ahn">The Always-On Retina display
is 2.5x brighter outdoors when your wrist is down</li><li class="_21Ahn">S6
SiP is up to 20% faster than Series 5</li><li class="_21Ahn">5GHz Wi-Fi and
U1 Ultra Wideband chip</li><li class="_21Ahn">Track your daily activity on
Apple Watch and see your trends in the Fitness app on iPhone</li><li class
="_21Ahn">With Call Function</li><li class="_21Ahn">Touchscreen</li><li cl
ass="_21Ahn">Watchphone, Notifier, Fitness & Outdoor</li><li class="_21
Ahn">Battery Runtime: Upto 18 hrs</li></ul></div></div>]
```

In [14]:

```
h=[]
for i in range(0,len(H)):
    h.append(H[i].get_text())
h
```

Out[14]:

```
['HighlightsGPS + Cellular model lets you call, text and get directions with
out your phoneMeasure your blood oxygen with an all-new sensor and appCheck
your heart rhythm with the ECG appThe Always-On Retina display is 2.5x brigh
ter outdoors when your wrist is downS6 SiP is up to 20% faster than Series 5
5GHz Wi-Fi and U1 Ultra Wideband chipTrack your daily activity on Apple Watc
h and see your trends in the Fitness app on iPhoneWith Call FunctionTouchscr
eenWatchphone, Notifier, Fitness & OutdoorBattery Runtime: Upto 18 hrs']
```

In [15]:

#Description

```
D=soup.find_all("div",class_="_1mXcCf RmoJUa")
D
```

Out[15]:

```
[<div class="_1mXcCf RmoJUa">The largest, most advanced Always-on Retina dis
play yet makes everything you do with your Apple Watch Series 7 bigger and b
etter. Series 7 is the most durable Apple Watch ever built, with an even mor
e crack-resistant front crystal. Advanced features let you measure your bloo
d oxygen level, take an ECG anytime, and access mindfulness and sleep tracki
ng apps. You can also track dozens of workouts, including new tai chi and pi
lates.</div>]
```

In [16]:

```
d=[]
for i in range(0,len(D)):
    d.append(D[i].get_text())
d
```

Out[16]:

['The largest, most advanced Always-on Retina display yet makes everything you do with your Apple Watch Series 7 bigger and better. Series 7 is the most durable Apple Watch ever built, with an even more crack-resistant front crystal. Advanced features let you measure your blood oxygen level, take an ECG anytime, and access mindfulness and sleep tracking apps. You can also track dozens of workouts, including new tai chi and pilates.']

In [17]:

```
#Specifications
Sf=soup.find_all("div",class_="_3k-BhJ")
Sf
```

...

In [18]:

```
sf=[]
for i in range(0,len(Sf)):
    sf.append(Sf[i].get_text())
sf
```

...

In [19]:

```
#customer Name
N=soup.find_all("p",class_="_2sc7ZR _2V5EHH")
N
```

Out[19]:

```
[<p class="_2sc7ZR _2V5EHH">Praveen N</p>,
<p class="_2sc7ZR _2V5EHH">Flipkart Customer</p>,
<p class="_2sc7ZR _2V5EHH">DrMohak Shah</p>,
<p class="_2sc7ZR _2V5EHH">Prasanta Choudhuru</p>,
<p class="_2sc7ZR _2V5EHH">Tinu Tennyson</p>,
<p class="_2sc7ZR _2V5EHH">prateek rai</p>,
<p class="_2sc7ZR _2V5EHH">Sudeep Jain</p>,
<p class="_2sc7ZR _2V5EHH">Sai Kumar Avulakunta</p>,
<p class="_2sc7ZR _2V5EHH">Pranav Broo</p>,
<p class="_2sc7ZR _2V5EHH">thota Sunil</p>]
```

In [20]:

```
n=[]  
for i in range(0,len(N)):  
    n.append(N[i].get_text())  
n
```

Out[20]:

```
['Praveen N',  
'Flipkart Customer',  
'DrMohak Shah',  
'Prasanta Choudhuru',  
'Tinu Tennyson',  
'prateek rai',  
'Sudeep Jain',  
'Sai Kumar Avulakunta',  
'Pranav Broo',  
'thota Sunil']
```

In [21]:

```
#comment  
C=soup.find_all("p",class_="_2-N8zT")  
C
```

Out[21]:

```
[<p class="_2-N8zT">Value-for-money</p>,  
<p class="_2-N8zT">Terrific purchase</p>,  
<p class="_2-N8zT">Good quality product</p>,  
<p class="_2-N8zT">Best in the market!</p>,  
<p class="_2-N8zT">Just wow!</p>,  
<p class="_2-N8zT">Does the job</p>,  
<p class="_2-N8zT">Just wow!</p>,  
<p class="_2-N8zT">Mind-blowing purchase</p>,  
<p class="_2-N8zT">Best in the market!</p>,  
<p class="_2-N8zT">Excellent</p>]
```

In [22]:

```
c=[]  
for i in range(0,len(C)):  
    c.append(C[i].get_text())  
c
```

Out[22]:

```
['Value-for-money',  
'Terrific purchase',  
'Good quality product',  
'Best in the market!',  
'Just wow!',  
'Does the job',  
'Just wow!',  
'Mind-blowing purchase',  
'Best in the market!',  
'Excellent']
```

In [23]:

```
#star
S=soup.find_all("div",class_="_3LWZ1K _1BLPMq")
S
```

...

In [24]:

```
s=[]
for i in range(0,len(S)):
    s.append(S[i].get_text())
s
```

Out[24]:

```
['4', '5', '4', '5', '5', '3', '5', '5', '5', '5']
```

In [25]:

```
#review
R=soup.find_all("div",class_="t-ZTKy")
R
```

...

In [26]:

```
r=[]
for i in range(0,len(R)):
    r.append(R[i].get_text())
r
```

...

In [27]:

```
import pandas as pd
```

In [40]:

```
df=pd.DataFrame()
df["Name"]=n
df["Star"]=s
df["Review"]=r
df["Comment"]=c
df
df.to_csv("FlipKart.csv",index=False)
df1=pd.read_csv("FlipKart.csv")
df1
```

Out[40]:

	Name	Star	Review	Comment
0	Praveen N	4	Mi to Fitbit Alta to Fitbit Versa to Apple Ser...	Value-for-money
1	Flipkart Customer	5	Just wow ,it's so smooth and the best ever sma...	Terrific purchase
2	DrMohak Shah	4	I upgraded From series 6 aluminium to series 7...	Good quality product
3	Prasanta Choudhuru	5	Just Applemazing. Smooth and fast Watch OS wit...	Best in the market!
4	Tinu Tennyson	5	The best smart watch in the world. Period. I h...	Just wow!
5	prateek rai	3	Cut long story short-1-Your body already gives...	Does the job
6	Sudeep Jain	5	Amazing, in one word , BUT , If you already ow...	Just wow!
7	Sai Kumar Avulakunta	5	Just superbREAD MORE	Mind-blowing purchase
8	Pranav Broo	5	Nice 😊😊READ MORE	Best in the market!
9	thota Sunil	5	I felt that 45mm is a big display. But the fac...	Excellent

In [37]:

```
#features
f=pd.DataFrame()
f["Specifications"]=sf
f
```

Out[37]:

	Specifications
0	GeneralSales PackageSmartwatch, Strap, Chargin...
1	Product DetailsSensorBlood Oxygen Sensor, Elec...
2	Platform And Storage FeaturesOperating Systemw...
3	Connectivity FeaturesCall FunctionYesBluetooth...
4	Camera And Display FeaturesDisplay Resolution3...
5	Fitness And Watch FunctionsCalorie CountYesSte...
6	Audio And Video FeaturesSpeakerYesMicrophoneYes
7	DimensionsWeight38.8 g
8	WarrantyWarranty Summary1 Year Manufacturer Wa...

In [38]:

```
#Highlights
HL=pd.DataFrame()
HL["Bank Offers"]=available_offers
HL["colour & size"]=CS
HL["Highlights"]=h
HL["Description"]=d
HL
```

Out[38]:

	Bank Offers	colour & size	Highlights	Description
0	Bank Offer5% Cashback on Flipkart Axis Bank Ca...	ColorBlackBlueGoldGreenGreyRedSilverWhit...	HighlightsGPS + Cellular model lets you call, ...	The largest, most advanced Always-on Retina di...