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

In [2]:
```python
import requests
import bs4
```

In [3]:
```python
request1 = requests.get("https://www.flipkart.com/poco-c31-royal-blue-64-gb/p,
request1
```

Out[3]: <Response [200]>

In [5]:
```python
request1.content
```

Out[5]: b'<!doctype html><html lang="en"><head><link href="https://rukminim1.flix
cart.com" rel="preconnect"/><link rel="stylesheet" href="//static-assets-
web.flixcart.com/fk-p-linchpin-web/fk-cp-zion/css/app_modules.chunk.905c3
7.css"/><link rel="stylesheet" href="//static-assets-web.flixcart.com/fk-
p-linchpin-web/fk-cp-zion/css/app.chunk.4fb0ab.css"/><meta http-equiv="Co
ntent-type" content="text/html; charset=utf-8"/><meta http-equiv="X-UA-Co
mpatible" content="IE=Edge"/><meta property="fb:page_id" content="1029882
93558"/><meta property="fb:admins" content="658873552,624500995,100000233
612389"/><meta name="robots" content="noodp"/><link rel="shortcut icon" h
ref="https:///www/promos/new/20150528-140547-favicon-retina.ico"/><link t
ype="application/opensearchdescription+xml" rel="search" href="/osdd.xml?
v=2"/><meta property="og:type" content="website"/><meta name="og_site_nam
e" property="og:site_name" content="Flipkart.com"/><link rel="apple-touch
-icon" sizes="57x57" href="/apple-touch-icon-57x57.png"/><link rel="apple
-touch-icon" sizes="72x72" href="/apple-touch-icon-72x72.png"/><link rel
="apple-touch-icon" sizes="114x114" href="/apple-touch-icon-114x114.png"/
><link rel="apple-touch-icon" sizes="144x144" href="/apple-touch-icon-144
x144.png"/><link rel="apple-touch-icon" href="/apple-touch-icon-57x57.pn
g"/><meta name="twitter:card" content="app"><meta name="twitter:site" con

In [6]:
```python
soup = bs4.BeautifulSoup(request1.text)
soup
```

battery, 13 MP back camera and 5 MP front camera. Compare C31 by price an
d performance to shop at Flipkart" name="Description"/><meta content="Buy
POCO C31 online at best price with offers in India. POCO C31 (Royal Blue,
64 GB) features and specifications include 4 GB RAM, 64 GB ROM, 5000 mAh
battery, 13 MP back camera and 5 MP front camera. Compare C31 by price an
d performance to shop at Flipkart" property="og:description"/> <link href
="https://www.flipkart.com/poco-c31-royal-blue-64-gb/p/itm19effae969b86"
rel="canonical"/> <link href="android-app://com.flipkart.android/flipkar
t/de_pp_seg_--_ITM19EFFAE969B86" rel="alternate"/> <meta content="http://
rukmini1.flixcart.com/image/300/300/ku4ezrk0/mobile/p/e/4/c31-mzb0a0jin-p
oco-original-imag7bzqxgdhgf2n.jpeg" name="og_image" property="og:image"/>
<meta content="https://www.flipkart.com/poco-c31-royal-blue-64-gb/p/itm19
effae969b86" name="og_url" property="og:url"/><meta content="F4EEB3A0AFFD
D385992A06E6920C0AC3" name="msvalidate.01"/> <!--[if IE 9]>
        <script nonce="5386989650845210586">
                window.browserVersion = 'IE9';
                document.documentElement.className += ' ie9';
        </script>
        <![endif]--><!--[if !IE]><!--><script nonce="538698965084521058
6">if (/*@cc_on!@*/false) {

fetching the reviews or comments

In [7]:
```python
# fetching the reviews or comments
reviews = soup.findAll('div',{'class' : 't-ZTKy'});
for review in reviews:
    print(review.get_text() + "\n\n" )
```

Very nice poco phone. I am happy this product. color beautiful. sound quality nice. touch screen very good. And all goodREAD MORE

This is best budget phone.... Poco C31, and order this product because I have Poco M2 Reloaded, i was gift this phone to my sister on her birthday, she loved it Thanks Flipkart for fast delivery Thanks Poco TeamREAD MORE

Very good quality phone but camera quality is pure but okay nd very nice phoneSo beautiful display nd back cover 👌So I'm very happy 😊 👌 👌READ MORE

In this budget it's a good phone , everything is good... Mi is a really nice Android, it's not that slow, cameras are quite good too... Thanks to flipkart for this on time delivery and I've been using this phone from 2 weeks and it's so good so far.... Product is value for money. ❤💖READ MORE

Pros : 1. Colour and design.2. Big display at low price.3. Camera as expected at this price range.4. Battery is good. Lasting almost 1.5 days.Cons : 1. Working slow.2. Ram management is not upto the mark.3. Camera is not good comparison to Redmi and Realme. Redmi and realme click far better than this mobile at this price.4. Not for gaming.5. Missing back cover in the package. At this price other companies provides back covers.READ MORE

The best budget phone. Camera clarity is good. Value for money. Right size phone with light weight. Over all good phone with budget price.READ MORE

The mobile is very good and it is very cool to give children, its rate is also very good but it is all good battery backup is also goodREAD MORE

In first impression and box unboxing it was really best.But when I'm doing its setup the phone start lagging, after like 15 min it start working goodIf I talk about the camera it's awesome (in sunlight it get more bright), but in low light like a packer room with only one bulb the camera quality decrease.After all it's a good phone and it's battery is even better.READ MORE

It's an good looking mobile . Mobile design is like oneplus mobile . Its an great mobile to give an gift to our buddies or family members . All ok but i faced so many issues to get this mobile finally i got this . 🤩READ MORE

I am reviewing after 7 days of usage1. Battery is great, if you are a normal user then   you will surely get 2 days backup.2. Display is awesome.... Wonderful multi media consumption.3. Camera is below average....works fine in day light but you can't use it in night.....video quality is quite nice.4. Performance is average.... The phone is great for Normal tasking.... You can't play heavy games in it.... It lags a bit.Overall a good exposure, if you are a normal user and have low...READ MORE

In [9]:
```python
# getting the average overall rating
ratings = soup.find('div',{'class':'_2d4LTz'}).get_text();
print(ratings)
```

4.3

In [12]:
```python
# getting the all ratings
all_ratings = soup.findAll('div',{'class':'_3LWZlK _1BLPMq'});
for individual_rating in all_ratings:
    print(individual_rating.get_text() + "\n")
```

5

4

5

5

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4

4

In [13]:
```python
# fetching the tags
tags =  soup.find('span',{'class':'yhB1nd GXgmTe'}).get_text()
print(tags)
```

#JustHere

In [14]:
```python
# fteching the customer name
customer_name = soup.findAll('p',{'class':'_2sc7ZR _2V5EHH'});
for cust_name in customer_name:
    print(cust_name.get_text() + "\n")
```

Rakesh   Singh

Kavi Lama

Dibakar Nath

Ankita Das

MOKIM SARKAR

Suresh Kumar.k

Muzaffar   Husen

Flipkart Customer

Sumanth Gopalasetti

Srijit Datta

In [ ]: