

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

In [9]:

```
import requests
import bs4
```

In [10]:

```
#Getting Data Requests
request1=requests.get('https://www.flipkart.com/poco-c31-royal-blue-64-gb/p/itm19effae969')
request1
```

Out[10]:

<Response [200]>

In [11]:

```
request1.content
```

```
<svg class="_2LJFE8" viewBox="25 25 50 50"><circle stroke="#0057e7" class="
s="_2XJHnB" cx="50" cy="50" r="10" fill="none" stroke-width="3" stroke-m
iterlimit="10"></circle></svg></div><span class="_2P_LDn">Check<div clas
s="_20TVHf _1HhKx7 _1mQK5h _3BB7xg _3yvRQZ"><div class="_30ikkn _3_ezix
_3Hbb-8">Enter pincode</div></div></span></div></div></div></div></div><
div class="_1SLzzw"><div class="_10Uluu"><ul class="eWlq4L"><div class
="_20XEBf"><div class="_3XINqE">Delivery by<span class="_1TPvTK">30 May,
Tuesday</span><span class="_2-oumo">|</span><span class="_1rQTjC">Free</
span><span class="_2W3miC _2n0ivQ">\xe2\x82\xb9<!-- -->40</span><div cla
ss="Bv11UC"><span class="question">?</span></div></div><div class="_1dXn
71">if ordered before 7:58 PM</div></div></ul></div><div class="_205gu
t"><span class="YxlyDn">View Details</span></div></div></div></div></div>
<div class="_1YokD2 _2GoDe3" style="padding:24px 0px 0px 0px"><div clas
s="_1AtVbE col-6-12"><div class="_2cM9lP"><div class="_3a9CI2">Highlight
s</div><div class="_2418kt"><ul><li class="_21Ahn-">4 GB RAM | 64 GB ROM
| Expandable Upto 512 GB</li><li class="_21Ahn-">16.59 cm (6.53 inch) HD
+ Display</li><li class="_21Ahn-">13MP + 2MP + 2MP | 5MP Front Camera</l
i><li class="_21Ahn-">5000 mAh Lithium-ion Polymer Battery</li><li class
="_21Ahn-">MediaTek G35 Processor</li></ul></div></div></div></div><div
class="_1YokD2 _3Mn1Gp"><div class="_1AtVbE col-12-12"><div class="_1iWR
```

In [12]:

```
soup=bs4.BeautifulSoup(request1.text)
soup
```

```
=<http://www.w3.org/2000/svg"><defs><circle cx="8" cy="8" id="b" r="8">
</circle><filter filterunits="objectBoundingBox" height="130%" id="a" wi
dth="130%" x="-15%" y="-8.8%"><femorphology in="SourceAlpha" operator="d
ilate" radius=".4" result="shadowSpreadOuter1"></femorphology><feoffset
dy="1" in="shadowSpreadOuter1" result="shadowOffsetOuter1"></feoffset><f
egaussianblur in="shadowOffsetOuter1" result="shadowBlurOuter1" stddevia
tion=".5"></fegaussianblur><fecomposite in="shadowBlurOuter1" in2="Sourc
eAlpha" operator="out" result="shadowBlurOuter1"></fecomposite><fecolorm
atrix in="shadowBlurOuter1" values="0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0.2 0"></fecolormatrix></filter></defs><g fill="none" fill-rule="evenod
d"><g transform="translate(2 1)"><use fill="#000" filter="url(#a)" xlin
k:href="#b"></use><use fill="#FCFCFC" stroke="#000" stroke-opacity=".3"
stroke-width=".8" xlink:href="#b"></use></g><text fill="#1D1D1D" font-fa
mily="Roboto-Medium, Roboto" font-size="11" font-weight="400" opacity=".
59" transform="translate(2 1)"><tspan x="6.6" y="12.2">i</tspan></text>
</g></svg></div></div></div><div class="wjKmXL"><li>+ ₹29 Secured Packag
ing Fee</li></div></div></div><div class="_1AtVbE col-12-12"><div class
="_3Z0lU8"><div class="rd9nIL">Available offers</div></div><div class="_
3TT44I"><div class="WT_FyS"><div class="XUp0WS"><span class="_3j4Zjq ro
w"><img class=" 3HLfAg" height="18" src="https://rukminim1.flixcart.com/
```

Fetching Real time Comments and Reviews:

In [14]:

```
reviews=soup.find_all('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 good If 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 a n 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

individual ratings:

In [15]:

```
indi_ratings=soup.find_all('div',{'class': '_3LWZlK _1BLPMq'});  
for individual_rating in indi_ratings:  
    print(individual_rating.get_text() + '\n')
```

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comment tags:

In [16]:

```
tags=soup.find('span',{'class': 'yhB1nd GXgmTe'}).get_text();  
tags
```

Out[16]:

'#JustHere'

customer name:

In [17]:

```
customer_name=soup.find_all('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