

```
In [1]: import pandas as pd
import bs4
import requests
```

```
In [2]: req1= requests.get("https://www.flipkart.com/poco-c31-shadow-gray-32-gb/p/itmffefb8bb085e3")
```

```
In [3]: req1
```

```
Out[3]: <Response [200]>
```

```
In [5]: soup=bs4.BeautifulSoup(req1.text)
```

```
In [6]: soup
```

```
<html>
  <!-- 314-1.021-4.216-4.203 --></path><path class=_34KNpn d= m6.486 10.901c-2.42 0-4.381-
  .956-4.381-4.368 0-2.413 1.961-4.369 4.381-4.369 2.42 0 4.381 1.956 4.381 4.369 0 2.
  13-1.961 4.368-4.381 4.368m0-10.835c-3.582 0-6.486 2.895-6.486 6.467 0 3.572 2.904
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  alue="FLIPKART"/><input name="as-show" type="hidden" value="off"/><input name="as" t
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  s="_1_3w1N" href="/account/login?ret=/poco-c31-shadow-gray-32-gb/p/itmffefb8bb085e3">
  login</a></div></div></div></div><div class="go_DOp"><a class="_3-PJz-" href="http
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  t"><span>Become a Seller</span></a></div><div class="go_DOp"><div class="_28p97w"><di
  v class="_1psGvi _3BvnxG"><div><div class="exehdJ"> <!-- -->More<!-- --> </div></div>
  /div><svg class="zZ3yfl" height="8" viewBox="0 0 16 27" width="4.7" xmlns="http://ww
  w.w3.org/2000/svg"><path class="_2gTTdy" d="M16 23.207L6.11 13.161 16 3.093 12.955 0
  13.161 12.955 13.161z" fill="#fff"></path></svg></div></div><div class="go_DOp"><di
  v class="_1psGvi"><div class="YUHWwv"><a class="_3SkBxJ" href="/viewcart?exploreMode=
  true&utm_source=fkwebsite&utm_medium=websitedirect&utm_campaign=FLIPKART"><svg class="V3C5b0" height="14" viewBox="0 0 16 16" wid
  h="14" xmlns="http://www.w3.org/2000/svg"><path class="_1bS9ic" d="M15.32 2.405H4.88
```

```
In [35]: review_lists=[]
reviews=soup.find_all('div',{'class': 't-ZTKy'})
reviews
```

```
Out[35]: [<div class="t-ZTKy"><div><div class="">Got today, still now smooth , I purchased 3GB variant ,<br/>Those who wants 3GB variant is good and smooth.<br/>Everything is good for normal and basic usage .<br/>If your want heavy task dont buy it.<br/><br/>For regular and basic usage its superb 🍌🍌</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">You will feel love ❤️with it it in this price range you get little less sensor and feature but other than that this is absolute good flagship phone in budget segment and you can do amazing things with this phone other than gaming.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">Good mobile for budget range... Camera is average but this is ok for this range and battery backup is good... Performance is good for normal users... Overall good smartphone at this price... Thanks to Flipkart</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">Phone is best in its price range, +Poco is known for its best mobile, good 🍌 I like it.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">Best phone under this price range If you buying it for camera then its not for you Else everything is fine and fair Performance is good Battery lasts 2 to 3 days on normal usage Camera is below average and balanced phone with fingerprint and face working nice,It's more than a week buying poco C31 . Honestly in my view I was little bit afraid of it's size , battery backup and display aspects but it just surprised me now that nowadays you can afford a good photo,Good mobile for budget range .....</div><span class="_1BWGvX"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">Vry vry good quality and performance is too good awesome design / everything is too good</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">It's more than a week buying poco C31. Honestly in my view I was little bit afraid of it's size, battery backup and display aspects but it just surprised me now that nowadays you can afford a good phone too in this much cost! <br/>Camera- avg but still gives you a feel to capture some micro shots<br/>Battery- I just charge it 100% in the morning and it backup let me use it the entire day. It consumes 70% in a day even after a heavy use.<br/>Processor- I almost used more than half of it's RAM Btill it run...</div><span class="_1BWGvX"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">At this price range i think it's a best deal, brightness is good enough for outdoor usage, design is also nice, camera is decent but the portrait shots are good for this price range, it last for a day in 1 charge.<br/>No type c charging is given, so it take a lot of time to charge that's the only issue i faced</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">I am using C31 from last 22 days. it's a good deal. I gifted for my mother. over all performance is good going. Just one minus point is company is not given fast charging feature. Otherwise device is awesome🍌🍌<br/>Fast delivery📦 on time delivery.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>,
  <div class="t-ZTKy"><div><div class="">This is 2nd buy of poco brand, it is easy to operate, good for an average user, cost wise also looks better than other brands.</div><span class="_1H-bmy"><span>READ MORE</span></span></div></div>]
```

```
In [37]: for review in reviews:
          review_lists.append(review.get_text())
```

In [38]: review_lists

Out[38]: ['Got today, still now smooth , I purchased 3GB variant ,Those who wants 3GB variant is good and smooth.Everything is good for normal and basic usage .If your want heavy task d ont buy it.For regular and basic usage its superb 🍌🍌READ MORE',
 'You will feel love ❤️with it it in this price range you get little less sensor and fe ature but other than that this is absolute good flagship phone in budget segment and you can do amazing things with this phone other than gaming.READ MORE',
 'Good mobile for budget range... Camera is average but this is ok for this range and ba ttery backup is good... Performance is good for normal users... Overall good smartphone at this price... Thanks to FlipkartREAD MORE',
 'Phone is best in its price range, +Poco is knows for its best mobile, good 🍌 I like i t.READ MORE',
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 'Vry vry good quality and performance is too good awesome design / everything is too go odREAD MORE',
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 'This is 2nd buy of poco brand, it is easy to operate, good for an average user, cost w ise also looks better than other brands.READ MORE']

In [39]: rating_lists=[]
 ratings=soup.find_all('div',{'class': '_3LWZ1K _1BLPMq'})

In [40]: for rating in ratings:
 rating_lists.append(rating.get_text())

In [41]: rating_lists

Out[41]: ['4', '5', '4', '5', '5', '5', '5', '5', '4', '4']

In [45]: d1= dict(zip(review_lists,rating_lists))

In [46]: new=pd.DataFrame.from_dict(d1,orient="index")

In [47]: new

Out[47]:

0

Got today, still now smooth , I purchased 3GB variant ,Those who wants 3GB variant is good and smooth.Everything is good for normal and basic usage .If your want heavy task dont buy it.For regular and basic usage its superb 👍👍[READ MORE](#)

You will feel love ❤️with it in this price range you get little less sensor and feature but other than that this is absolute good flagship phone in budget segment and you can do amazing things with this phone other than gaming.[READ MORE](#)

Good mobile for budget range... Camera is average but this is ok for this range and battery backup is good... Performance is good for normal users... Overall good smartphone at this price... Thanks to Flipkart[READ MORE](#)

Phone is best in its price range, +Poco is knows for its best mobile, good 👍 I like it.[READ MORE](#)

Best phone under this price range If you buying it for camera then its not for you Else everything is fine and fair Performance is good Battery lasts 2 to 3 days on normal usage Camera is below average and balanced phone with fingerprint and face working nice,It's more than a week buying poco C31 . Honestly in my view I was little bit afraid of it's size , battery backup and display aspects but it just surprised me now that nowadays you can afford a good photo,Good mobile for budget range[READ MORE](#)

Vry vry good quality and performance is too good awesome design / everything is too good[READ MORE](#)

It's more than a week buying poco C31. Honestly in my view I was little bit afraid of it's size, battery backup and display aspects but it just surprised me now that nowadays you can afford a good phone too in this much cost! Camera- avg but still gives you a feel to capture some micro shotsBattery- I just charge it 100% in the morning and it backup let me use it the entire day. It consumes 70% in a day even after a heavy use.Processor- I almost used more than half of it's RAM & still it run...[READ MORE](#)

At this price range i think it's a best deal, brightness is good enough for outdoor usage, design is also nice, camera is decent but the portrait shots are good for this price range, it last for a day in 1 charge.No type c charging is given, so it take a lot of time to charge that's the only issue i faced[READ MORE](#)

I am using C31 from last 22 days. it's a good deal. I gifted for my mother. over all performance is good going. Just one minus point is company is not given fast charging feature. Otherwise device is awesome👍👍Fast delivery📦 on time delivery.[READ MORE](#)

This is 2nd buy of poco brand, it is easy to operate, good for an average user, cost wise also looks better than other brands.[READ MORE](#)

In [50]: new.to_csv("scrapper.csv")

In [51]: df=pd.read_csv("scrapper.csv")

In [52]: df

Out[52]:

		Unnamed: 0	0
0	Got today, still now smooth , I purchased 3GB ...	4	
1	You will feel love ❤️with it it in this price ...	5	
2	Good mobile for budget range... Camera is aver...	4	
3	Phone is best in its price range, +Poco is kno...	5	
4	Best phone under this price range If you buyin...	5	
5	Vry vry good quality and performance is too go...	5	
6	It's more than a week buying poco C31. Honestl...	5	
7	At this price range i think it's a best deal, ...	5	
8	I am using C31 from last 22 days. it's a good ...	4	
9	This is 2nd buy of poco brand, it is easy to o...	4	

In [57]: `customer_lists=[]`
`customers=soup.find_all('p', {'class': '_2sc7ZR _2V5EHH'})`

In [58]: customers

Out[58]: [`<p class="_2sc7ZR _2V5EHH">Souradipta Pal</p>`,
`<p class="_2sc7ZR _2V5EHH">KESHAV THAKUR</p>`,
`<p class="_2sc7ZR _2V5EHH">Vinoth Ravichandiran</p>`,
`<p class="_2sc7ZR _2V5EHH">Akash Sharma</p>`,
`<p class="_2sc7ZR _2V5EHH">SHESHMANI KUMAR</p>`,
`<p class="_2sc7ZR _2V5EHH">Chumki Chatterjee</p>`,
`<p class="_2sc7ZR _2V5EHH">Hemant Tandilkar</p>`,
`<p class="_2sc7ZR _2V5EHH">Yash Sakpal </p>`,
`<p class="_2sc7ZR _2V5EHH">Sandeep Shirsath</p>`,
`<p class="_2sc7ZR _2V5EHH">Samson Parambath </p>`]

In [59]: `for customer in customers:`
`customer_lists.append(customer.get_text())`

In [60]: customer_lists

Out[60]: ['Souradipta Pal',
'KESHAV THAKUR',
'Vinoth Ravichandiran',
'Akash Sharma',
'SHESHMANI KUMAR',
'Chumki Chatterjee',
'Hemant Tandilkar',
'Yash Sakpal ',
'Sandeep Shirsath',
'Samson Parambath ']

In [61]: `df['customers']=customer_lists`

In [62]: df

Out[62]:

		Unnamed: 0	0	customers
0	Got today, still now smooth , I purchased 3GB ...	4		Souradipta Pal
1	You will feel love ❤️with it it in this price ...	5		KESHAV THAKUR
2	Good mobile for budget range... Camera is aver...	4		Vinoth Ravichandiran
3	Phone is best in its price range, +Poco is kno...	5		Akash Sharma
4	Best phone under this price range If you buyin...	5		SHESHMANI KUMAR
5	Vry vry good quality and performance is too go...	5		Chumki Chatterjee
6	It's more than a week buying poco C31. Honestl...	5		Hemant Tandilkar
7	At this price range i think it's a best deal, ...	5		Yash Sakpal
8	I am using C31 from last 22 days. it's a good ...	4		Sandeep Shirsath
9	This is 2nd buy of poco brand, it is easy to o...	4		Samson Parambath

In []: