

```
In [1]: w.amazon.in/s?bbn=1389401031&rh=n%3A1389401031%2Cp_36%3A131850531&cqid=1683560871&rvid=1318502031&ref=lp_1389401031_nr_p_36_2'

In [2]: import pandas as pd
        from bs4 import BeautifulSoup
        import requests

In [3]: response=requests.get(url)
        response

Out[3]: <Response [200]>

In [4]: response.text

Out[4]: '<!doctype html><html lang="en-in" class="a-no-js" data-19ax5a9jf="dingo"><!-- sp:feature:head-start -->\n<head><script>var a
PageStart = (new Date()).getTime();</script><meta charset="utf-8"/>\n<!-- sp:end-feature:head-start -->\n<!-- sp:feature:csm:
head-open-part1 -->\n\n<!-- sp:end-feature:csm:head-open-part1 -->\n\n<!-- sp:feature:cs-optimization -->\n\n<meta http-equiv=\''x
-dns-prefetch-control\' content=\'on\'>\n\n<link rel="dns-prefetch" href="https://images-eu.ssl-images-amazon.com">\n\n<link rel
="dns-prefetch" href="https://m.media-amazon.com">\n\n<link rel="dns-prefetch" href="https://completion.amazon.com">\n\n<!-- sp:e
nd-feature:cs-optimization -->\n\n<!-- sp:feature:csm:head-open-part2 -->\n\n\n<!-- sp:end-feature:csm:head-open-part2 -->\n\n<!--
sp:feature:aui-assets -->\n\n<link rel="stylesheet" href="https://m.media-amazon.com/images/I/11EIQ5IGqal_RC|01ZTHTZObnL.css,4
10yLeQZHKL.css,310SFxVtM5L.css,013z33ukH2L.css,017DsKjNQJL.css,0131vqwP5UL.css,41EW001B39L.css,11TiuySqr6L.css,01ElnPiDxWL.cs
s,11fJbvvhE5HL.css,01Dm5eKVxwL.css,01IdKcBuAdL.css,01y-XALI+2L.css,21P6CS3L9LL.css,01oDR3IULNL.css,41Js1DVdbVL.css,01XPHJk60-
L.css,01S0vRENEAL.css,21Ibh+SoKSL.css,11MrAKjcAKL.css,21fecG8pUzL.css,11a5WzbukrL.css,01CFUGSA-YL.css,31PHA2U5D9L.css,11qour3
ND0L.css,116t+WD27UL.css,11gKCKQV+L.css,11061HxnEvL.css,11oht2HYxnL.css,01j2JE3j7aL.css,11JQtNl-6eL.css,21KA2rMsZML.css,11jt
XRmpwl.css,0114z6BAEOL.css,21uwtfqr5aL.css,11QygG8yiql.css,11K24eOJg4L.css,11F2+OBZLyL.css,01890+vWk8L.css,01g+cOYAZgl.css,0
1cbS3UK11L.css,21F85am0yFL.css,01giMEP+djl.css_.css?AUIClients/AmazonUI&S5swH4CQ#not-trident.388250-T1.432724-T1.577951-T1.57
7971-T1.577969-T1.632675-T1.577970-T1.577878-T1" />\n\n<script>\n(function(d,f,R,H){function y(a){z&z.tag&z.tag(1(":", "aui",
a))}function p(a,b){z&z.count&z.count("aui:"+a,0===b?0:b||(z.count("aui:"+a)||0)+1)}function r(a){try{return a.test(navigat
or.userAgent)}catch(b){return!1}}function t(a){return function()===typeof a?function B(a,b,c){a.addEventListener?a.addEventLis
tener(b,c,!1):a.attachEvent&a.attachEvent("on"+b,c)}function l(a,b,c,d){b=b&c?b+a+c:b||c;return d?l(a,b,d):b}function I(a,
b,c){try{Object.defineProperty(a,b,{value:c,writable:!1})}catch(w){a[b]=\nc)return c}function va(a,b,c){var d=c.a.length,g=fu
nction(){d--||(!S.push(b),T||(setTimeout(fa,0),T=!0));for(g();c--;){ha[a[c]]?g():C[a[c]]=C[a[c]]||[]}.push(g)}function wa(a,
```

```
In [7]: amount=soup.find_all('span',class_="a-price-whole")
amount
```

```
Out[7]: [<span class="a-price-whole">6,999</span>,
<span class="a-price-whole">6,999</span>,
<span class="a-price-whole">5,699</span>,
<span class="a-price-whole">8,999</span>,
<span class="a-price-whole">8,999</span>,
<span class="a-price-whole">9,699</span>,
<span class="a-price-whole">9,699</span>,
<span class="a-price-whole">8,999</span>,
<span class="a-price-whole">8,999</span>,
<span class="a-price-whole">7,999</span>,
<span class="a-price-whole">9,699</span>,
<span class="a-price-whole">8,499</span>,
<span class="a-price-whole">8,499</span>,
<span class="a-price-whole">8,599</span>,
<span class="a-price-whole">4,499</span>,
<span class="a-price-whole">6,999</span>,
<span class="a-price-whole">8,599</span>,
<span class="a-price-whole">7,799</span>,
<span class="a-price-whole">6,999</span>,
<span class="a-price-whole">7,799</span>,
<span class="a-price-whole">8,999</span>,
<span class="a-price-whole">8,099</span>,
<span class="a-price-whole">9,499</span>,
<span class="a-price-whole">8,999</span>]
```

```
In [19]: product=soup.find_all("span", class_="a-size-base-plus a-color-base a-text-normal")
product
```

```
Out[19]: [<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M04 Light Green, 4GB RAM, 64GB Storage | Upto 8GB RAM
with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB Storage | Upto 8GB RAM w
ith RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi A1 (Light Green, 2GB RAM 32GB ROM) | Segment Best AI Dual Cam
| 5000mAh Battery | Leather Texture Design | Android 12</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 12C (Royal Blue, 4GB RAM, 64GB Storage) | High Performance Med
iatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh(typ) Battery with 10W Charger in-Box</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 12C (Mint Green, 4GB RAM, 64GB Storage) | High Performance Med
iatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh(typ) Battery with 10W Charger in-Box</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M13 (Aqua Green, 4GB, 64GB Storage) | 6000mAh Battery
| Upto 8GB RAM with RAM Plus</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M13 (Midnight Blue, 4GB, 64GB Storage) | 6000mAh Batt
ery | Upto 8GB RAM with RAM Plus</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 12C (Matte Black, 4GB RAM, 64GB Storage) | High Performance Me
diatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh(typ) Battery with 10W Charger in-Box</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 12C (Lavender Purple, 4GB RAM, 64GB Storage) | High Performanc
e Mediatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh(typ) Battery with 10W Charger in-Box</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M04 Dark Blue, 4GB RAM, 128GB Storage | Upto 8GB RAM
with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy M13 (Stardust Brown, 4GB, 64GB Storage) | 6000mAh Bat
tery | Upto 8GB RAM with RAM Plus</span>,
<span class="a-size-base-plus a-color-base a-text-normal">realme narzo 50i Prime (Mint Green 4GB RAM+64GB Storage) Octa-core P
rocessor | 5000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">realme narzo 50i Prime (Dark Blue 4GB RAM+64GB Storage) Octa-core Pr
ocessor | 5000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 10A (Charcoal Black, 4GB RAM, 64GB Storage) | 2 Ghz Octa Core
Helio G25 | 5000 mAh Battery | Finger Print Sensor | Upto 5GB RAM with RAM Booster</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Samsung Galaxy Buds Live Bluetooth Truly Wireless in Ear Earbuds wit
h Mic, Upto 21 Hours Playtime, Mystic Black</span>,
<span class="a-size-base-plus a-color-base a-text-normal">realme narzo 50i Prime (Dark Blue 3 GB RAM +32 GB Storage) Octa-core
Processor | 5000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Redmi 10A (Slate Grey, 4GB RAM, 64GB Storage) | 2 Ghz Octa Core Heli
o G25 | 5000 mAh Battery | Finger Print Sensor | Upto 5GB RAM with RAM Booster</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Tecno Spark 9 (Sky Mirror, 4GB RAM,64GB Storage) | 7GB Expandable RA
M | Helio G37 Gaming Processor</span>,
<span class="a-size-base-plus a-color-base a-text-normal">realme narzo 50i Prime (Mint Green 3GB RAM+32GB Storage) Octa-core P
rocessor | 5000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Tecno Spark 9 (Infinity Black, 4GB RAM,64GB Storage) | 7GB Expandabl
e RAM | Helio G37 Gaming Processor</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass Blue | 18W Fast Chargi
ng | 6.5 inch 90Hz Punch Hole Display | Side Fingerprint Sensor | Upto 11GB Expandable RAM | 5000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Tecno Spark 8 Pro (Interstellar Black, 4GB RAM,64GB Storage) | 48MP
Triple Camera | 33W Fast Charger</span>,
<span class="a-size-base-plus a-color-base a-text-normal">realme narzo 50A (Oxygen Blue , 4GB RAM + 64 GB Storage) Helio G85 P
rocessor | 6000 mAh Battery</span>,
<span class="a-size-base-plus a-color-base a-text-normal">Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass Orange | 18W Fast Char
ging | 6.5 inch 90Hz Punch Hole Display | Side Fingerprint Sensor | Upto 11GB Expandable RAM | 5000 mAh Battery</span>]
```

```
In [ ]:
```

```
In [20]: reviews=soup.find_all("span",class_='a-size-base s-underline-text')
```

```
In [21]: reviews
```

```
Out[21]: [<span class="a-size-base s-underline-text">4,268</span>,
<span class="a-size-base s-underline-text">4,268</span>,
<span class="a-size-base s-underline-text">14,381</span>,
<span class="a-size-base s-underline-text">387</span>,
<span class="a-size-base s-underline-text">387</span>,
<span class="a-size-base s-underline-text">26,142</span>,
<span class="a-size-base s-underline-text">26,142</span>,
<span class="a-size-base s-underline-text">387</span>,
<span class="a-size-base s-underline-text">387</span>,
<span class="a-size-base s-underline-text">4,268</span>,
<span class="a-size-base s-underline-text">26,142</span>,
<span class="a-size-base s-underline-text">3,888</span>,
<span class="a-size-base s-underline-text">3,888</span>,
<span class="a-size-base s-underline-text">17,745</span>,
<span class="a-size-base s-underline-text">6,304</span>,
<span class="a-size-base s-underline-text">3,888</span>,
<span class="a-size-base s-underline-text">17,745</span>,
<span class="a-size-base s-underline-text">4,883</span>,
<span class="a-size-base s-underline-text">3,888</span>,
<span class="a-size-base s-underline-text">4,883</span>,
<span class="a-size-base s-underline-text">81</span>,
<span class="a-size-base s-underline-text">5,242</span>,
<span class="a-size-base s-underline-text">44,021</span>,
<span class="a-size-base s-underline-text">81</span>]
```

```
In [22]: products=[]
for i in range(0,len(product)):
    products.append(product[i].get_text())
```

```
In [23]: products
```

```
Out[23]: ['Samsung Galaxy M04 Light Green, 4GB RAM, 64GB Storage | Upto 8GB RAM with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera',
'Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB Storage | Upto 8GB RAM with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera',
'Redmi A1 (Light Green, 2GB RAM 32GB ROM) | Segment Best AI Dual Cam | 5000mAh Battery | Leather Texture Design | Android 12',
'Redmi 12C (Royal Blue, 4GB RAM, 64GB Storage) | High Performance Mediatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh (typ) Battery with 10W Charger in-Box',
'Redmi 12C (Mint Green, 4GB RAM, 64GB Storage) | High Performance Mediatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh (typ) Battery with 10W Charger in-Box',
'Samsung Galaxy M13 (Aqua Green, 4GB, 64GB Storage) | 6000mAh Battery | Upto 8GB RAM with RAM Plus',
'Samsung Galaxy M13 (Midnight Blue, 4GB, 64GB Storage) | 6000mAh Battery | Upto 8GB RAM with RAM Plus',
'Redmi 12C (Matte Black, 4GB RAM, 64GB Storage) | High Performance Mediatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh (typ) Battery with 10W Charger in-Box',
'Redmi 12C (Lavender Purple, 4GB RAM, 64GB Storage) | High Performance Mediatek Helio G85 | Big 17cm(6.71) HD+ Display with 5000mAh (typ) Battery with 10W Charger in-Box',
'Samsung Galaxy M04 Dark Blue, 4GB RAM, 128GB Storage | Upto 8GB RAM with RAM Plus | MediaTek Helio P35 Octa-core Processor | 5000 mAh Battery | 13MP Dual Camera',
'Samsung Galaxy M13 (Stardust Brown, 4GB, 64GB Storage) | 6000mAh Battery | Upto 8GB RAM with RAM Plus',
'realme narzo 50i Prime (Mint Green 4GB RAM+64GB Storage) Octa-core Processor | 5000 mAh Battery',
'realme narzo 50i Prime (Dark Blue 4GB RAM+64GB Storage) Octa-core Processor | 5000 mAh Battery',
'Redmi 10A (Charcoal Black, 4GB RAM, 64GB Storage) | 2 Ghz Octa Core Helio G25 | 5000 mAh Battery | Finger Print Sensor | Upto 5GB RAM with RAM Booster',
'Samsung Galaxy Buds Live Bluetooth Truly Wireless in Ear Earbuds with Mic, Upto 21 Hours Playtime, Mystic Black',
'realme narzo 50i Prime (Dark Blue 3 GB RAM +32 GB Storage) Octa-core Processor | 5000 mAh Battery',
'Redmi 10A (Slate Grey, 4GB RAM, 64GB Storage) | 2 Ghz Octa Core Helio G25 | 5000 mAh Battery | Finger Print Sensor | Upto 5GB RAM with RAM Booster',
'Tecno Spark 9 (Sky Mirror, 4GB RAM,64GB Storage) | 7GB Expandable RAM | Helio G37 Gaming Processor',
'realme narzo 50i Prime (Mint Green 3GB RAM+32GB Storage) Octa-core Processor | 5000 mAh Battery',
'Tecno Spark 9 (Infinity Black, 4GB RAM,64GB Storage) | 7GB Expandable RAM | Helio G37 Gaming Processor',
'Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass Blue | 18W Fast Charging | 6.5 inch 90Hz Punch Hole Display | Side Fingerprint Sensor | Upto 11GB Expandable RAM | 5000 mAh Battery',
'Tecno Spark 8 Pro (Interstellar Black, 4GB RAM,64GB Storage) | 48MP Triple Camera | 33W Fast Charger',
'realme narzo 50A (Oxygen Blue , 4GB RAM + 64 GB Storage) Helio G85 Processor | 6000 mAh Battery',
'Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass Orange | 18W Fast Charging | 6.5 inch 90Hz Punch Hole Display | Side Fingerprint Sensor | Upto 11GB Expandable RAM | 5000 mAh Battery']
```

```
In [24]: review=[]
for i in range(0,len(reviews)):
    review.append(reviews[i].get_text())
```

```
In [25]: review
```

```
Out[25]: ['4,268',  
         '4,268',  
         '14,381',  
         '387',  
         '387',  
         '26,142',  
         '26,142',  
         '387',  
         '387',  
         '4,268',  
         '26,142',  
         '3,888',  
         '3,888',  
         '17,745',  
         '6,304',  
         '3,888',  
         '17,745',  
         '4,883',  
         '3,888',  
         '4,883',  
         '81',  
         '5,242',  
         '44,021',  
         '81']
```

```
In [26]: amounts=[]  
         for i in range(0,len(amount)):  
             amounts.append(amount[i].get_text())
```

```
In [27]: amounts
```

```
Out[27]: ['6,999',  
         '6,999',  
         '5,699',  
         '8,999',  
         '8,999',  
         '9,699',  
         '9,699',  
         '8,999',  
         '8,999',  
         '7,999',  
         '9,699',  
         '8,499',  
         '8,499',  
         '8,599',  
         '4,499',  
         '6,999',  
         '8,599',  
         '7,799',  
         '6,999',  
         '7,799',  
         '8,999',  
         '8,099',  
         '9,499',  
         '8,999']
```

```
In [28]: headings={"Description of a Mobile Phone":products,"AMOUNT":amounts,"No of Reviews":review}
```

```
In [29]: df=pd.DataFrame(headings)
```

In [30]:

df

Out[30]:

	Description of a Mobile Phone	AMOUNT	No of Reviews
0	Samsung Galaxy M04 Light Green, 4GB RAM, 64GB ...	6,999	4,268
1	Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB St...	6,999	4,268
2	Redmi A1 (Light Green, 2GB RAM 32GB ROM) Seg...	5,699	14,381
3	Redmi 12C (Royal Blue, 4GB RAM, 64GB Storage) ...	8,999	387
4	Redmi 12C (Mint Green, 4GB RAM, 64GB Storage) ...	8,999	387
5	Samsung Galaxy M13 (Aqua Green, 4GB, 64GB Stor...	9,699	26,142
6	Samsung Galaxy M13 (Midnight Blue, 4GB, 64GB S...	9,699	26,142
7	Redmi 12C (Matte Black, 4GB RAM, 64GB Storage)...	8,999	387
8	Redmi 12C (Lavender Purple, 4GB RAM, 64GB Stor...	8,999	387
9	Samsung Galaxy M04 Dark Blue, 4GB RAM, 128GB S...	7,999	4,268
10	Samsung Galaxy M13 (Stardust Brown, 4GB, 64GB ...	9,699	26,142
11	realme narzo 50i Prime (Mint Green 4GB RAM+64G...	8,499	3,888
12	realme narzo 50i Prime (Dark Blue 4GB RAM+64GB...	8,499	3,888
13	Redmi 10A (Charcoal Black, 4GB RAM, 64GB Stora...	8,599	17,745
14	Samsung Galaxy Buds Live Bluetooth Truly Wirel...	4,499	6,304
15	realme narzo 50i Prime (Dark Blue 3 GB RAM +32...	6,999	3,888
16	Redmi 10A (Slate Grey, 4GB RAM, 64GB Storage) ...	8,599	17,745
17	Tecno Spark 9 (Sky Mirror, 4GB RAM,64GB Stora...	7,799	4,883
18	realme narzo 50i Prime (Mint Green 3GB RAM+32G...	6,999	3,888
19	Tecno Spark 9 (Infinity Black, 4GB RAM,64GB St...	7,799	4,883
20	Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass ...	8,999	81
21	Tecno Spark 8 Pro (Interstellar Black, 4GB RAM...	8,099	5,242
22	realme narzo 50A (Oxygen Blue , 4GB RAM + 64 G...	9,499	44,021
23	Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass ...	8,999	81

In [31]:

df.to_csv(r"C:\Users\Admin\Desktop\amazon.csv")

In [32]:

pd.read_csv(r"C:\Users\Admin\Desktop\amazon.csv")

Out[32]:

Unnamed: 0		Description of a Mobile Phone	AMOUNT	No of Reviews
0	0	Samsung Galaxy M04 Light Green, 4GB RAM, 64GB ...	6,999	4,268
1	1	Samsung Galaxy M04 Dark Blue, 4GB RAM, 64GB St...	6,999	4,268
2	2	Redmi A1 (Light Green, 2GB RAM 32GB ROM) Seg...	5,699	14,381
3	3	Redmi 12C (Royal Blue, 4GB RAM, 64GB Storage) ...	8,999	387
4	4	Redmi 12C (Mint Green, 4GB RAM, 64GB Storage) ...	8,999	387
5	5	Samsung Galaxy M13 (Aqua Green, 4GB, 64GB Stor...	9,699	26,142
6	6	Samsung Galaxy M13 (Midnight Blue, 4GB, 64GB S...	9,699	26,142
7	7	Redmi 12C (Matte Black, 4GB RAM, 64GB Storage)...	8,999	387
8	8	Redmi 12C (Lavender Purple, 4GB RAM, 64GB Stor...	8,999	387
9	9	Samsung Galaxy M04 Dark Blue, 4GB RAM, 128GB S...	7,999	4,268
10	10	Samsung Galaxy M13 (Stardust Brown, 4GB, 64GB ...	9,699	26,142
11	11	realme narzo 50i Prime (Mint Green 4GB RAM+64G...	8,499	3,888
12	12	realme narzo 50i Prime (Dark Blue 4GB RAM+64GB...	8,499	3,888
13	13	Redmi 10A (Charcoal Black, 4GB RAM, 64GB Stora...	8,599	17,745
14	14	Samsung Galaxy Buds Live Bluetooth Truly Wirel...	4,499	6,304
15	15	realme narzo 50i Prime (Dark Blue 3 GB RAM +32...	6,999	3,888
16	16	Redmi 10A (Slate Grey, 4GB RAM, 64GB Storage) ...	8,599	17,745
17	17	Tecno Spark 9 (Sky Mirror, 4GB RAM,64GB Storag...	7,799	4,883
18	18	realme narzo 50i Prime (Mint Green 3GB RAM+32G...	6,999	3,888
19	19	Tecno Spark 9 (Infinity Black, 4GB RAM,64GB St...	7,799	4,883
20	20	Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass ...	8,999	81
21	21	Tecno Spark 8 Pro (Interstellar Black, 4GB RAM...	8,099	5,242
22	22	realme narzo 50A (Oxygen Blue , 4GB RAM + 64 G...	9,499	44,021
23	23	Lava Blaze 2 (6GB RAM, 128GB Storage) - Glass ...	8,999	81

In []: