**import** bs4

**import** pandas **as** pd

**import** numpy **as** np

**import** matplotlib.pyplot **as** plt

**import** seaborn **as** sns

**import** requests

**import** math

**from** textblob **import** TextBlob

**from** wordcloud **import** WordCloud, STOPWORDS

url **=** "https://www.amazon.in/product-reviews/B07JWV47JW/ref=cm\_cr\_dp\_d\_show\_all\_btm?ie=UTF8&reviewerType=all\_reviews"

page **=** requests**.**get(url)

print(page**.**status\_code)

html **=** page**.**content

soup **=** bs4**.**BeautifulSoup(html, 'html.parser')

num **=** soup**.**find\_all('span', {'data-hook':"cr-filter-info-review-count"})

total **=** str(num[0]**.**text)

t **=** total[**-**9::**-**1]**.**split()

tt **=** t[0]

tt **=** ""**.**join(reversed(tt))

tt **=** tt**.**replace(",", '')

tt **=** math**.**ceil(int(tt)**/**10)

tt

r\_name **=** []r\_title **=** []r\_body **=** []r\_star **=** []**for** pn **in** range(1, tt**+**1):

*#global soup, r\_name, link*

*#if soup.find\_all('li', class\_="a-disabled a-last"):*

*#print(f"page no {pn}")*

*#else:*

*#print("andar ghus gaye")*

*#pn += 1*

*#print(pn)*

**if** pn **>** 1:

link **=** f"https://www.amazon.in/product-reviews/B07JWV47JW/ref=cm\_cr\_arp\_d\_paging\_btm\_next\_{pn}?ie=UTF8&reviewerType=all\_reviews&pageNumber={pn}"

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

*#page.status\_code*

*#page.reason*

*#page.headers['Content-type']*

**if** page**.**status\_code **==** 200:

print(f"page no {pn}")

html **=** page**.**content

soup **=** bs4**.**BeautifulSoup(html, 'html.parser')

comm **=** soup**.**find\_all('span', attrs **=** {'class' : cls})

ns **=** 10**\***(pn**-**1)

ne **=** ns**+**len(comm)

**for** i **in** range(0, len(comm)):

r\_name**.**append(comm[i]**.**text)

*#next\_page(pn)*

title **=** soup**.**find\_all('a', class\_**=**"review-title-content")

**for** i **in** range(0, len(title)):

r\_title**.**append(title[i]**.**text)

r\_title[:] **=** [text**.**strip('\n') **for** text **in** r\_title]

star **=** soup**.**find\_all('i', class\_**=**"review-rating")

**for** i **in** range(0, len(star)):

r\_star**.**append(star[i]**.**text)

body **=** soup**.**find\_all('span', class\_**=**"review-text-content")

**for** i **in** range(0, len(body)):

r\_body**.**append(body[i]**.**text)

r\_body[:] **=** [text**.**strip('\n') **for** text **in** r\_body]

*r\_name*

r\_starrate **=** []**for** i **in** r\_star:

r **=** str(i)

r\_starrate**.**append(r[2])

df **=** pd**.**DataFrame()

df['Author'] **=** r\_namedf['Rating'] **=** r\_starrate

df

df**.**drop\_duplicates(inplace **=** **True**)

df**.**to\_csv('ratings.csv', index **=** **False**)

dff **=** pd**.**DataFrame()

dff['Comment\_Title'] **=** r\_title

dff['Review'] **=** r\_body

:

dff