!pip install pandas

from bs4 import BeautifulSoup

import requests

import csv

import pandas as pd

import requests as reqs

from bs4 import BeautifulSoup

url='https://www.flipkart.com/search?q=moblie&sid=tyy%2C4io&as=on&as-show=on&otracker=AS\_QueryStore\_OrganicAutoSuggest\_1\_6\_na\_na\_na&otracker1=AS\_QueryStore\_OrganicAutoSuggest\_1\_6\_na\_na\_na&as-pos=1&as-type=RECENT&suggestionId=moblie%7CMobiles&requestId=156f0e12-206d-440c-b67d-7990d2a8d445&as-searchtext=moblie'

req=requests.get(url)

content=BeautifulSoup(req.content,'html.parser')

print(req)

name=content.find\_all('div',{"class":"\_4rR01T"})

price=content.find\_all('div',{"class":"\_30jeq3 \_1\_WHN1"})

rating=content.find\_all('div',{"class":"\_3LWZlK"})

print(name)

print(name[0])

print(price[0])

print(rating[0])

nm=[]

pr=[]

rt=[]

for i in name:

nm.append(i.text)

for i in price:

pr.append(i.text)

for i in rating:

rt.append(i.text)

data={'NAME':nm,'PRICE':pr,'RATING':rt}

print(data)

name=nm[1:21]

print(name)

data={'NAME':name,'PRICE':price,'RATING':rating}

df=pd.DataFrame(data)

print(df)

df.to\_csv("realme.csv")

df.info()

df['PRICE'].value\_counts().sort\_values(ascending=False).plot(kind ='bar',figsize=(10,5))

df['RATING'].value\_counts().sort\_values(ascending=False).plot(kind ='bar',figsize=(10,5))

import matplotlib.pyplot as plt

import numpy as np

df['PRICE']

P=df['PRICE'].value\_counts()

print(P)

plt.figure(figsize=(8,8))

P.plot.pie(y=P,autopct="1.1%%")

plt.text(-0.95,1.25,'pie dig of showing price',fontsize=15)

plt.legend()

df.isnull().sum().sort\_values(ascending=False)