

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

TASK: 1 .Python program to Create a excel file

```
df = pd.DataFrame()

file=df.to_excel("sample_personal.xlsx")
```

TASK: 2 Python program for Import data from an excel file

```
order = pd.read_excel("/content/Yoshops_Order_List.xlsx")
```

```
order.head()
```

	Unnamed: 0	Unnamed: 1	Unnamed: 2	Unnamed: 3	Unnamed: 4	Unnamed: 5	Unnamed: 6
0	Name	Address 1	Adress 2	Adress 3	City	pincode	state
1	SURJEET SINGH KADIAN	695-35 JANTA COLONY	0	0	Rohtak	124001	Haryana
2	LAKSHMI NARAYANAN S	K M B L CEEBROS CENTRE 1ST FLR	39 MONTEITH ROAD EGMORE	0	Chennai	600008	Tamil Nadu
3	TARUN SINHA	C-1052 1ST FLOOR	SUSHANT LOK - I	0	Gurgaon	122001	Haryana

removing the first column of each row

```
order.columns = order.iloc[0]
```

```
order.head()
```

Name	Address 1	Adress 2	Adress 3	City	pincode	state
------	-----------	----------	----------	------	---------	-------

```
order.shape
```

```
(105088, 7)
```

```
KADIAN
```

```
order.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 105088 entries, 0 to 105087
Data columns (total 7 columns):
 #   Column      Non-Null Count  Dtype  
--- 
 0   Name        105088 non-null   object 
 1   Address 1   105087 non-null   object 
 2   Adress 2    105086 non-null   object 
 3   Adress 3    105088 non-null   object 
 4   City         105088 non-null   object 
 5   pincode     105086 non-null   object 
 6   state        105088 non-null   object 
dtypes: object(7)
memory usage: 5.6+ MB
```

```
fb = pd.read_excel("/content/Yoshops_Feedback.xlsx")
```

```
fb.head()
```

14. Any IDEA or Suggestions for Yoshops Startup

0	No Answer
1	No Answer
2	Management should be better, I Think If you wo...
3	No
4	Marketing

```
fb.shape
```

```
(1784, 1)
```

```
fb.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1784 entries, 0 to 1783
Data columns (total 1 columns):
 #   Column      Non-Null Count  Dtype  
--- 
 0   14. Any IDEA or Suggestions for Yoshops Startup  1653 non-null   object 
dtypes: object(1)
memory usage: 14.1+ KB
```



```
survey.head()
```

S.NO	Submitted Time	1. Name	Location , City Name	3. What class do you study in ?	4. What class do you study in ?	Online Tution for LKG to PG Monthly Fees You like must	5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must	6. Laptop and Mobile which Price range you like most	7. What is your Favourite food biryani essay?	8. What is Price Rang for 1kg Biryani(2 Person Eat) you like must
0	1 2022-11-24	Kavita Israni	No answer	No answer	undefined	No answer	Veg Biryani undefined	149 199		
1	2 2022-11-24	Kunal Anand	No answer	No answer	undefined	No answer	Chicken Biryani	149		
2	3 2022-11-25	Deepak parmal	No answer	Graduation	undefined	No answer	Chicken Biryani	99		
3	4 2022-11-25	Nidhi Gupta	No answer	LKG to STD 5 STD 6 to STD 10	undefined	No answer	Chicken Biryani	149		
4	5 2022-11-25	Rohan Pandey	No answer	STD 6 to STD 10	undefined	No answer	Chicken Biryani	149		



```
survey.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1784 entries, 0 to 1783
Data columns (total 16 columns):
 #   Column
 --- 
 0   S.NO
 1   Submitted Time
 2   1. Name
 3   3. Location , City Name
 4   4. What class do you study in ?
 5   5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must
 6   6. Laptop and Mobile which Price range you like most
 7   7. What is your Favourite food biryani essay?
 8   8. What is Price Rang for 1kg Biryani( 2 Person Eat) you like must
 9   9. Which Financial products you like most
 10  10. Are you interested in Yosshops Finance Product.
 11  11. Which Unpaid Training Internship are you interested for 6 Months ?
 12  12. How much you pay training fees per month for online training with internship?
```

```

13 14. Any IDEA or Suggestions for Yoshops Startup
14 15. Do you want to get a free Gift and Refferal Amount Rs.100 by reffer friends to Training
15 16. How would you rate Yoshops Training Internship and Products & Service
dtypes: datetime64[ns](1), int64(1), object(14)
memory usage: 223.1+ KB

```

survey.shape

```
(1784, 16)
```

survey.info()

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1784 entries, 0 to 1783
Data columns (total 16 columns):
 #   Column
---  -----
0   S.NO
1   Submitted Time
2   1. Name
3   3. Location , City Name
4   4. What class do you study in ?
5   5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must
6   6. Laptop and Mobile which Price range you like most
7   7. What is your Favourite food biryani essay?
8   8. What is Price Rang for 1kg Biryani( 2 Person Eat) you like must
9   9. Which Financial products you like most
10  10. Are you interested in Yoshops Finance Product.
11  11. Which Unpaid Training Internship are you interested for 6 Months ?
12  12. How much you pay training fees per month for online training with internship?
13  14. Any IDEA or Suggestions for Yoshops Startup
14  15. Do you want to get a free Gift and Refferal Amount Rs.100 by reffer friends to Training
15  16. How would you rate Yoshops Training Internship and Products & Service
dtypes: datetime64[ns](1), int64(1), object(14)
memory usage: 223.1+ KB

```

```

from pandas.io.json import json_normalize
import json

```

first method To read one by one json file from f1 to f20

```
f1 = json.load(open('/content/drive/MyDrive/contact_task1_yoshoap/01f163d0-f8ec-11ec-9ba6-1f4331c726ac.
```

f1

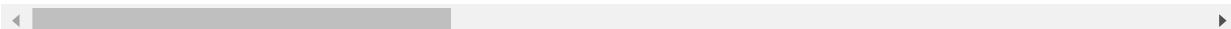
```
{
'id': '01f163d0-f8ec-11ec-9ba6-1f4331c726ac',
'type': 'chat',
'pageId': '5a0424fc198bd56b8c03a242',
'visitor': {'name': 'NARENDRA',
'id': '590b422d00ad724878df2f4841cbdfdbb12eb790a73156b2bb15bb4f2925e8cf',
'email': None},
'location': {'countryCode': 'IN', 'city': 'Unknown'},
'messageCount': 1,
```

```
'chatDuration': 0,
'rating': 0,
'createdOn': '2022-07-01T03:15:19.712Z',
'messages': [{"sender": {"t": "s"}, "type": "msg", "time": '2022-07-01T03:15:19.712Z', "msg": 'Welcome to Yoshops.com, If you need help simply reply to this message with your Name and your Mobile number. We like to contact you to help.\nOr Whatsapp =+91-9080749858'}, {"sender": {"t": "v"}, "type": "msg", "time": '2022-07-01T03:15:36.592Z', "msg": 'Name : NARENDRA\r\nPhone : 9391193459'}], 'domain': 'a8efe83b-6857-477d-9d0f-f13ca0229a20.mysimplestore.com'}
```

```
from pandas import json_normalize
```

```
df1 = json_normalize(f1)
df1
```

	id	type	pageId	messageCount	chatDuration	rating
0	01f163d0-f8ec-11ec-9ba6-1f4331c726ac	chat	5a0424fc198bd56b8c03a242	1	0	0 01T03:15:19.712Z



```
df1['messages']
```

```
0    [{"sender": {"t": "s"}, "type": "msg", "time": "..."}]
Name: messages, dtype: object
```

second method by the loop we can read all the 20 json file by a single code

```
import os
import glob

contents = []
json_dir_name = r'/content/drive/MyDrive/contact_task1_yoshoap'

json_pattern = os.path.join(json_dir_name, '*.json')
file_list = glob.glob(json_pattern)

file_list

['/content/drive/MyDrive/contact_task1_yoshoap/aa94a550-fb95-11ec-a7a6-3366c8149bd7.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/a95bb3f0-fb44-11ec-a242-a546b3d938a3.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/d2435130-fd54-11ec-a14b-4b9a499f8801.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/05ae88c0-f871-11ec-a0b8-d9e10e7c0f2d.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/cce9c410-f91e-11ec-ac48-9f85e64f2db4.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/612aefb0-fbbc-11ec-a27e-3b71999c2723.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/067d5e81-fbb3-11ec-8622-bd773bafcd43.json',
 '/content/drive/MyDrive/contact_task1_yoshoap/91705eb0-f7b3-11ec-9880-c1e4eddaee78.json']
```

```
'/content/drive/MyDrive/contact_task1_yoshoap/6bdba4c0-f74a-11ec-a0c1-0d2e72636470.json',
'/content/drive/MyDrive/contact_task1_yoshoap/c37068b0-f80d-11ec-838e-b9a87975b9e3.json',
'/content/drive/MyDrive/contact_task1_yoshoap/62c072d0-f795-11ec-9702-4165492261e7.json',
'/content/drive/MyDrive/contact_task1_yoshoap/dbd828e0-fd6a-11ec-a14b-4b9a499f8801.json',
'/content/drive/MyDrive/contact_task1_yoshoap/4fb01cd0-faae-11ec-bd7f-cdb777eaba53.json',
'/content/drive/MyDrive/contact_task1_yoshoap/4c818cf1-fac6-11ec-9f8e-3f678721a566.json',
'/content/drive/MyDrive/contact_task1_yoshoap/01f163d0-f8ec-11ec-9ba6-1f4331c726ac.json',
'/content/drive/MyDrive/contact_task1_yoshoap/e81d80c0-f881-11ec-a1de-117adac26d8b.json',
'/content/drive/MyDrive/contact_task1_yoshoap/102ea5b0-fa46-11ec-af59-f3d89214e142.json',
'/content/drive/MyDrive/contact_task1_yoshoap/69c41d60-f921-11ec-b076-f5d0ec16503b.json',
'/content/drive/MyDrive/contact_task1_yoshoap/1b33d1d0-fb02-11ec-8013-c5c03606d8bf.json',
'/content/drive/MyDrive/contact_task1_yoshoap/d4318e80-f773-11ec-a098-35551501145d.json']
```

```
len(file_list)
```

```
20
```

```
content = []
for i in file_list:
    with open(i,'r')as file:
        data1=json.load(file)
        content.append(data1)
```

```
from pandas import json_normalize
```

```
contact = json_normalize(content)
```

```
contact.head()
```

```
id type pageId messageCount chatDuration rating
```

0	aa94a550- fb95-11ec- 7a20	chat	5a0424fc198bd56b8c03a242	1	0	0	0.17
---	---------------------------------	------	--------------------------	---	---	---	------

```
contact.shape
```

```
(20, 14)
```

```
fb11 11cc
```

```
contact.info()
```

```
<class 'pandas.core.frame.DataFrame'>  
RangeIndex: 20 entries, 0 to 19  
Data columns (total 14 columns):  
 #   Column           Non-Null Count  Dtype     
---  --  
 0   id               20 non-null    object    
 1   type              20 non-null    object    
 2   pageId            20 non-null    object    
 3   messageCount      20 non-null    int64     
 4   chatDuration      20 non-null    int64     
 5   rating             20 non-null    int64     
 6   createdOn          20 non-null    object    
 7   messages            20 non-null    object    
 8   domain              20 non-null    object    
 9   visitor.name        20 non-null    object    
 10  visitor.id          20 non-null    object    
 11  visitor.email       0 non-null     object    
 12  location.countryCode 20 non-null    object    
 13  location.city       20 non-null    object    
dtypes: int64(3), object(11)  
memory usage: 2.3+ KB
```

```
contact.to_excel('chatbackup.xlsx')
```

```
chat = pd.read_excel('chatbackup.xlsx')  
chat
```

Unnamed: 0		id	type	pageId	messageCount	chatDuration
0	0	aa94a550-fb95-11ec-a7a6-3366c8149bd7	chat	5a0424fc198bd56b8c03a242	1	0
1	1	a95bb3f0-fb44-11ec-a242-a546b3d938a3	chat	5a0424fc198bd56b8c03a242	1	0
2	2	d2435130-fd54-11ec-a14b-4b9a499f8801	chat	5a0424fc198bd56b8c03a242	1	0
3	3	05ae88c0-f871-11ec-a0b8-d9e10e7c0f2d	chat	5a0424fc198bd56b8c03a242	2	0
4	4	cce9c410-f91e-11ec-ac48-9f85e64f2db4	chat	5a0424fc198bd56b8c03a242	2	0
5	5	612aefb0-fbbc-11ec-a27e-3b71999c2723	chat	5a0424fc198bd56b8c03a242	3	0
6	6	067d5e81-fbb3-11ec-8622-bd773bafcd43	chat	5a0424fc198bd56b8c03a242	1	0
7	7	91705eb0-f7b3-11ec-9880-c1e4eddaee78	chat	5a0424fc198bd56b8c03a242	1	0
8	8	6bdb4c0-f74a-11ec-a0c1-0d2e72636470	chat	5a0424fc198bd56b8c03a242	1	0
9	9	c37068b0-f80d-11ec-838e-b9a87975b9e3	chat	5a0424fc198bd56b8c03a242	1	0

62~072d0_

TASK:3 Python program for Format data in excel sheet

4165492261e7

!pip install openpyxl

Looking in indexes: <https://pypi.org/simple>, <https://us-python.pkg.dev/colab-wheels/public/simple>
 Requirement already satisfied: openpyxl in /usr/local/lib/python3.9/dist-packages (3.0.10)
 Requirement already satisfied: et-xmlfile in /usr/local/lib/python3.9/dist-packages (from openpyxl)



```
from openpyxl import Workbook
from openpyxl.styles import Font, Color, colors

import openpyxl
# Load the workbook
workbook = openpyxl.load_workbook('chatbackup.xlsx')

# Select the sheet you want to modify
sheet = workbook.active

# Create a font object with the desired size
font = Font(size=14)

# Iterate over the cells in the sheet and set the font size
for row in sheet.iter_rows():
    for cell in row:
        cell.font = font

# Save the modified workbook
workbook.save('chatbackup_modified.xlsx')
```

16	16	16	chat	5a0424fc198bd56b8c03a242	1	0
----	----	----	------	--------------------------	---	---

Double-click (or enter) to edit

TASK 4: Python program for Prepare Yoshops Survey and Order excel charts Like = Pie Chart and Bar Chart Weekly, Monthly and yearly Reports.

order.tail()

		Name	Address 1	Address 2	Address 3	City	pincode
105083	VINEESH M		MOOPPOLI HOUSE P C	PALAM POST NARIKKUNI(VIA)	NEAR A U P SCHOOL P C PAI AM	CALICUT	673585

survey.tail()

S.NO	Submitted Time	1. Name	3. Location , City Name	4. What class do you study in ?	Online Tution for LKG to PG Monthly Fees You like must	5. Which Price range for	6. Laptop and Mobile which Price range you like most	7. What is your Favourite food biryani essay?
						for Online Tution for LKG to PG Monthly Fees You like must	you like most	7. What is your Favourite food biryani essay?
1779	1780	2023-10-03	Vinay	Vizag Madhurawada	Graduation	Rs.999 with 2 Free Demo Classes	Rs.51000 to Rs.100000	Chicken Biryani
1780	1781	2023-11-03	Sana Sayyed	Pune	Post Graduation	Rs.999 with 2 Free Demo Classes	Rs15000 to Rs.30000	Chicken Biryani
1781	1782	2023-12-03	Shravani	Hyderabad	Post Graduation	Rs.499 with 2 Free Demo Classes	Rs.31000 to Rs.50000	Chicken Biryani
1782	1783	2023-12-03	ajay kumar	mandi	Post Graduation	Rs.999 with 2 Free Demo Classes Rs.1499 with...	Rs.51000 to Rs.100000	Chicken Biryani Mutton Biryani
1783	1784	2023-03-13	Sumeet Mahadev Survase	Pune	Graduation	Rs.499 with 2 Free Demo Classes	Rs.31000 to Rs.50000	Mutton Biryani



```

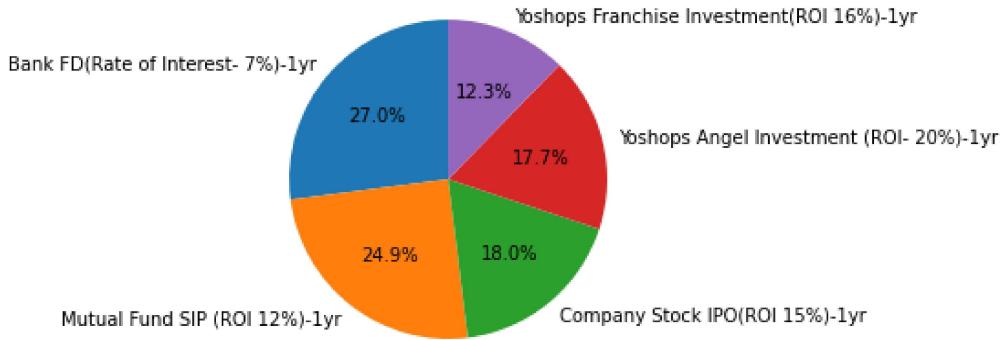
survey['Submitted Time_year']=survey['Submitted Time'].dt.year

import time
import datetime

counts = survey['9. Which Financial products you like most'].value_counts()

fig,ax = plt.subplots()
ax.pie(counts.values[:5],labels=counts.index[:5],autopct='%1.1f%%',startangle=90)
plt.show()

```



```

import pandas as pd
import matplotlib.pyplot as plt

# Group the data by week, month, and year and count the number of occurrences
weekly = survey.groupby(pd.Grouper(key='Submitted Time', freq='W'))['S.NO'].count()
monthly = survey.groupby(pd.Grouper(key='Submitted Time', freq='M'))['S.NO'].count()
yearly = survey.groupby(pd.Grouper(key='Submitted Time', freq='Y'))['S.NO'].count()

# Create a bar chart for weekly, monthly, and yearly reports
fig, ax = plt.subplots(3, 1, figsize=(8, 12))

# Plot weekly report
ax[0].bar(weekly.index, weekly.values)
ax[0].set_title('Weekly Report')

# Plot monthly report
ax[1].bar(monthly.index, monthly.values)
ax[1].set_title('Monthly Report')

# Plot yearly report
ax[2].bar(yearly.index, yearly.values)
ax[2].set_title('Yearly Report')

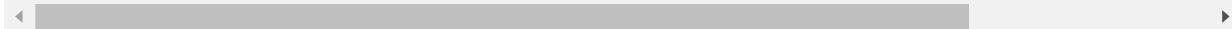
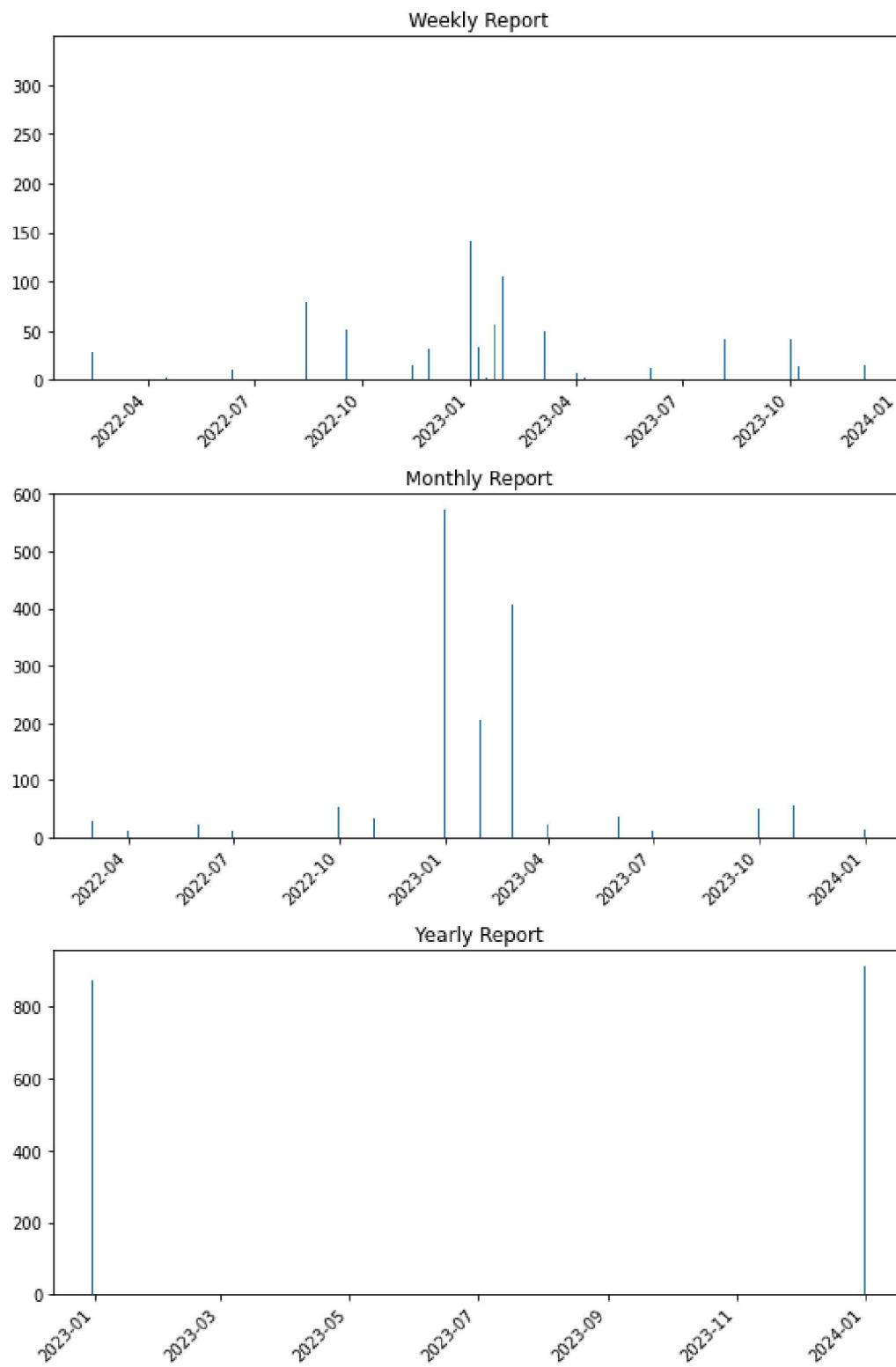
# Set x-axis tick labels
for axis in ax:
    axis.set_xticklabels(axis.get_xticklabels(), rotation=45, ha='right')

# Show the plot

```

```
plt.tight_layout()  
plt.show()
```

```
<ipython-input-75-1c8aec9baaba>:27: UserWarning: FixedFormatter should only be used together with FixedLocator  
axis.set_xticklabels(axis.get_xticklabels(), rotation=45, ha='right')
```



or

```
survey['year'] = survey['Submitted Time'].dt.year
```

```
year_1 = list(survey[ 'year'].value_counts().keys())
```

```
year_1
```

```
[2023, 2022]
```

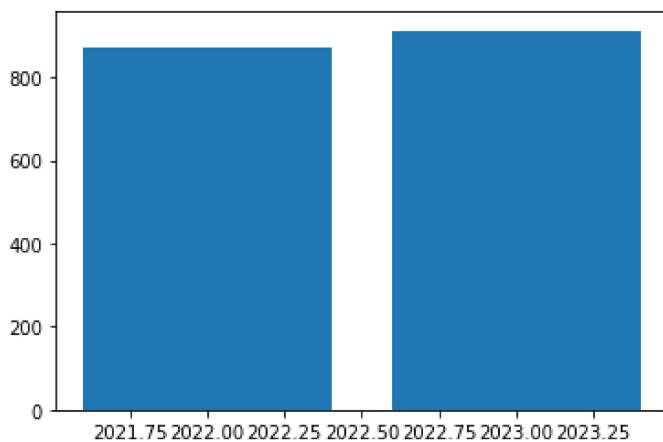
```
values = list(survey[ 'year'].value_counts())
```

```
values
```

```
[912, 872]
```

```
plt.bar(year_1,values)
```

```
<BarContainer object of 2 artists>
```



TASK:5 Python program for Extract mobile no from PDF, Json,XML and MS word file and save into MS excel

```
phone=[]
for i in contact.messages:
    msg=i[1]['msg']
    msg1=msg.split('\r\n')
    phone.append(msg1)
```

```
df_name=pd.DataFrame(phone,columns=[ 'Name','Phone'])
```

```
df_name
```

	Name	Phone
0	Name : Anil	Phone : 9515654885
1	Name : Rajkabir	Phone : 8815007851
2	Name : Sandhya	Phone : 9154940621
3	Name : Nitin kumar	Phone : 9304522101
4	Name : ramkumar	Phone : 9962278886
5	Name : Nelson Friday	Phone : 08164881200
6	Name : Anne	Phone : 6382105605
7	Name : G. Balasubramanian	Phone : 9123557647
8	Name : Reena	Phone : 9528692288
9	Name : Avnish kumar	Phone : 6200028123
10	Name : Sagar Bhadge	Phone : 8459599718
11	Name : Dev Kanishka Kashyap	Phone : 7277862208
12	Name : Piryesh	Phone : 7073128350
13	Name : Rajkabir Diwan	Phone : 8815007851
14	Name : NARENDRA	Phone : 9391193459
15	Name : HAMMAD BIN NAVEED	Phone : 03181982707

TASK:6 Prepare python programm for data cleaning process to removing unnecessary data

```
17           Name : Prem Kumar    Phone : 9799818360
```

```
order.isnull().sum()
```

```
0
Name      0
Address 1  1
Adress 2   2
Adress 3   0
City       0
pincode   2
state     0
dtype: int64
```

```
order.dropna(inplace=True)
```

```
order.isnull().sum()
```

```
0
Name      0
Address 1  0
Adress 2   0
Adress 3   0
City       0
pincode   0
state     0
dtype: int64
```

```
order.duplicated().sum()
```

5444

```
order.columns
```

```
Index(['Name', 'Address 1', 'Adress 2', 'Adress 3', 'City', 'pincode',
       'state'],
      dtype='object', name=0)
```

```
duplicates=['Name', 'Address 1', 'Adress 2', 'Adress 3', 'City', 'pincode',
           'state']
print(duplicates)
```

['Name', 'Address 1', 'Adress 2', 'Adress 3', 'City', 'pincode', 'state']

```
drop = order.duplicated(subset = duplicates, keep=False)
order[drop]
```

	Name	Address 1	Adress 2	Adress 3	City	pincode
6	NAMRATA MENON	102 CANAL VIEW APTS	SEC-15 ROHINI	0	New Delhi	110085
14	SPECIAL PURPOSE ACCOUNT	C P C LOWER P[AREL		0	Mumbai	400098
47	SANJEEV KUMAR	48 HEWO APARTMENTS	SECTOR 15 PART 2	0	Gurgaon	122002
48	SANJEEV KUMAR	48 HEWO APARTMENTS	SECTOR 15 PART 2	0	Gurgaon	122002
49	SANJEEV KUMAR	48 HEWO APARTMENTS	SECTOR 15 PART 2	0	Gurgaon	122002
...
104468	MANJI KANJI BHIMJI RAGHWANI	P O BOX 44706 00100	NAIROBI KENYA	0	NAIROBI	100
104469	MANJI KANJI BHIMJI RAGHWANI	P O BOX 44706 00100	NAIROBI KENYA	0	NAIROBI	100
105085	GANGADHARA SHANTHI	6-97-2 KANKANADI NEAR GARADI	COMPOUND	0	MANGALORE	575002
105086	SANDHYA SHIRISH KARIA	SIDDHARTH CHAMBERS	LANE-5NORTH MAIN ROAD	K P	PUNE	411001
	VIHA RAJESH	D-201	VASANTH			

```
order.drop_duplicates(subset=duplicates,inplace=True)
```

```
order.duplicated().sum()
```

```
0
```

```
survey.isnull().sum()
```

```
S.NO
```

```
0
```

```
Submitted Time
```

```
0
```

```
1. Name
```

```
0
```

```
3. Location , City Name
```

```
1
```

```
4. What class do you study in ?
```

```
0
```

```
5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must
```

```
0
```

```
6. Laptop and Mobile which Price range you like most
```

```
0
```

```
7. What is your Favourite food biryani essay?
```

```
0
```

```
8. What is Price Rang for 1kg Biryani( 2 Person Eat) you like must
```

```
0
```

```
9. Which Financial products you like most
```

```
0
```

```
10. Are you interested in Yoshops Finance Product.
```

```
0
```

```
11. Which Unpaid Training Internship are you interested for 6 Months ?
```

```
0
```

```
12. How much you pay training fees per month for online training with internship?
```

```
0
```

```
14. Any IDEA or Suggestions for Yoshops Startup
```

```
131
```

```
15. Do you want to get a free Gift and Refferal Amount Rs.100 by reffer friends to Training Internship and Online Tituation 0
```

```
16. How would you rate Yoshops Training Internship and Products & Service
```

```
0
```

```
Submitted Time_year
```

```
0
```

```
year
```

```
0
```

```
dtype: int64
```

```
survey['14. Any IDEA or Suggestions for Yoshops Startup '].fillna('no response',inplace=True)
```

```
survey.isnull().sum()
```

```
S.NO
```

```
0
```

```
Submitted Time
```

```
0
```

```
1. Name
```

```
0
```

```
3. Location , City Name  
1  
4. What class do you study in ?  
0  
5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must  
0  
6. Laptop and Mobile which Price range you like most  
0  
7. What is your Favourite food biryani essay?  
0  
8. What is Price Rang for 1kg Biryani( 2 Person Eat) you like must  
0  
9. Which Financial products you like most  
0  
10. Are you interested in Yoshops Finance Product.  
0  
11. Which Unpaid Training Internship are you interested for 6 Months ?  
0  
12. How much you pay training fees per month for online training with internship?  
0  
14. Any IDEA or Suggestions for Yoshops Startup  
0  
15. Do you want to get a free Gift and Refferal Amount Rs.100 by reffer friends to Training  
Internship and Online Tituation 0  
16. How would you rate Yoshops Training Internship and Products & Service  
0  
Submitted Time_year  
0  
year  
0  
dtype: int64
```

```
survey.head()
```

S.NO	Submitted Time	1. Location Name	, City Name	3. What class do you study in ?	4. What Online Tution for LKG to PG Monthly Fees	5. Which Price range for Laptop and Mobile which Price range you like	6.	7. What is your Favourite food biryani essay?	8. What is Price Rang for 1kg Biryani(2 Person Eat) you like
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we can make outliers in the range of What is Price Rang for 1kg Biryani(2 Person Eat) you like must

must

0	1	2022-11-24	Kavita Israni	No answer	undefined	answer	Biryani	149 199
---	---	------------	---------------	-----------	-----------	--------	---------	-----------

2022-11	Kunjal	No	No	Chicken
---------	--------	----	----	---------

Irrelevant column :

7. What is your Favourite food biryani essay?

-	-	25	parmal	answer	answer	answer	Biryani	--
---	---	----	--------	--------	--------	--------	---------	----

```
#survey = survey.drop('7. What is your Favourite food biryani essay?',axis=1)
```

LKG to

```
survey.drop(['6. Laptop and Mobile which Price range you like most','7. What is your Favourite food biryani essay?'],axis=1)
```

survey.head(1)

S.NO	Submitted Time	1. Location Name	, City Name	3. What class do you study in ?	4. What Online Tution for LKG to PG Monthly Fees	5. Which Price range for Laptop and Mobile which Price range you like	6.	7. What is your Favourite food biryani essay?	8. What is Price Rang for 1kg Biryani(2 Person Eat) you like	9. Which Financial products you like most	10. Are you interested in Yosshops Finance Product.	11. Which Unpaid Training Internship are you interested for 6 Months ?	12. much train fees month onl train internsh
------	----------------	------------------	-------------	---------------------------------	--	---	----	---	---	---	---	--	--

0	1	2022-11-24	Kavita Israni	No answer	No answer	undefined	Mutual Fund SIP (ROI 12%)-1yr	No answer	No answer	No answer	No ans
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survey.dtypes

S.NO	int64
------	-------

```

Submitted Time
datetime64[ns]
1. Name
object
3. Location , City Name
object
4. What class do you study in ?
object
5. Which Price range for Online Tution for LKG to PG Monthly Fees You like must
object
9. Which Financial products you like most
object
10. Are you interested in Yoshops Finance Product.
object
11. Which Unpaid Training Internship are you interested for 6 Months ?
object
12. How much you pay training fees per month for online training with internship?
object
14. Any IDEA or Suggestions for Yoshops Startup
object
15. Do you want to get a free Gift and Refferal Amount Rs.100 by reffer friends to Training
Internship and Online Tituation
object
16. How would you rate Yoshops Training Internship and Products & Service
object
Submitted Time_year
int64
year
int64
dtype: object

```

```
survey['12. How much you pay training fees per month for online training with internship?'].value_count
```

No answer	1700
Rs.500 Monthly (Total Fees Rs.2499)	54
Rs.1000 Monthly (Total Fees Rs.4999)	10
Rs.4000 Monthly (Total Fees Rs.19999)	8
Rs.500 Monthly (Total Fees Rs.2499) Rs.1000 Monthly (Total Fees Rs.4999)	3
Rs.2000 Monthly (Total Fees Rs.9999)	3
Rs.3000 Monthly (Total Fees Rs.14999)	2
Rs.500 Monthly (Total Fees Rs.2499) Rs.4000 Monthly (Total Fees Rs.19999)	1
Rs.3000 Monthly (Total Fees Rs.14999) Rs.4000 Monthly (Total Fees Rs.19999)	1
Rs.500 Monthly (Total Fees Rs.2499) Rs.3000 Monthly (Total Fees Rs.14999)	1
Rs.1000 Monthly (Total Fees Rs.4999) Rs.2000 Monthly (Total Fees Rs.9999)	1
Name: 12. How much you pay training fees per month for online training with internship?, dtype:	
int64	

```
survey.drop(survey.loc[survey['12. How much you pay training fees per month for online training with ir
```

```
survey['12. How much you pay training fees per month for online training with internship?'].value_count
```

Rs.500 Monthly (Total Fees Rs.2499)	54
Rs.1000 Monthly (Total Fees Rs.4999)	10
Rs.4000 Monthly (Total Fees Rs.19999)	8
Rs.500 Monthly (Total Fees Rs.2499) Rs.1000 Monthly (Total Fees Rs.4999)	3
Rs.2000 Monthly (Total Fees Rs.9999)	3
Rs.3000 Monthly (Total Fees Rs.14999)	2
Rs.500 Monthly (Total Fees Rs.2499) Rs.4000 Monthly (Total Fees Rs.19999)	1
Rs.3000 Monthly (Total Fees Rs.14999) Rs.4000 Monthly (Total Fees Rs.19999)	1
Rs.500 Monthly (Total Fees Rs.2499) Rs.3000 Monthly (Total Fees Rs.14999)	1

Rs.1000 Monthly (Total Fees Rs.4999) | Rs.2000 Monthly (Total Fees Rs.9999) 1
Name: 12. How much you pay training fees per month for online training with internship?, dtype: int64

TASK:7 Data Mining Process do Survey at Least 30 people survey. Please send below Survey from in your all whatsapp group like college group, friendship group, family relative group and do survey.

<https://surveyheart.com/form/637f8e4a8fbb6342014f34ff>

task completed refer to the group which is having 30+ students

Task:8 on Data Collection Process for collection count on Skill Training Internship. Please send below Training Internship form in LinkedIn post, Facebook group like internship group and Whatsapp group like college group, friendship group, startup, internship and take 30 candidate count. "Data Science and Data Analyst Training Internship Work from Home 2 months duration for college students and working professional. Interested students or working professional comments "intersted" Send your CV to career@yoshops.com or please filling the below form https://docs.google.com/forms/d/e/1FAIpQLSccPjJfG6paUpwVFPB5cRA29G50QtK2_-GpJThR2SNbj9GMVg/viewform

task completed fill the form and forwarded the resume

Task:9 work on Data Process design on Free Franchise Business Plan. Please send below in LinkedIn post, Facebook group like business group, startup group and Whatsapp group like startup, "Hi We Like to Invite to our Free Franchise for Eran upto Rs.50000*

Working from Home Free Franchise Eran Profit 80% as Franchise Owners & 20% for Yoshops. Please go through below link and Book Franchise on your location

<https://yoshops.com/products/free-franchise-program-work-from-home-form-yoshops-com>

shared the post on the linkedin

