Analyse a small dataset using python,documenting the step by step process of the data anlyses journey.

### importing a pandas library

import pandas as pd

#### uplaoding the dataset

user = pd.read\_excel("/content/sample\_data/sample data.xlsx")

#### printing the sample of the dataset

user.head()

	SERIAL/NO	NAME	GENDER	OCUPATION	COUNTRY	
0	1	ABUBAKAR	MALE	LAWYER	NIGERIA	ılı
1	2	AMINA	FEMALE	TEACHER	NIGER	
2	3	HASANA	FEMALE	NURSE	ALGERIA	
3	4	BELLO	MALE	TAILOR	SUDAN	
4	5	MUSA	MALE	DOCTOR	NIGERIA	

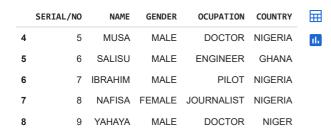
#### printing thw 3 rows of the dataset

user.head(3)

	COUNTRY	OCUPATION	GENDER	NAME	SERIAL/NO	
ıl.	NIGERIA	LAWYER	MALE	ABUBAKAR	1	0
	NIGER	TEACHER	FEMALE	AMINA	2	1
	ALGERIA	NURSE	FEMALE	HASANA	3	2

#### display the last 5 rows of the dataset

user.tail()



## display the information of the dataset

user.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 9 entries, 0 to 8
Data columns (total 5 columns):

#	Column	Non-Null Count	Dtype
0	SERIAL/NO	9 non-null	int64
1	NAME	9 non-null	object
2	GENDER	9 non-null	object
3	OCUPATION	9 non-null	object
4	COUNTRY	9 non-null	object
	es: int64(1 ry usage: 4	), object(4) 88.0+ bytes	

# displaying the discription of the dataset

user.describe()

	SERIAL/NO	
count	9.000000	ılı
mean	5.000000	
std	2.738613	
min	1.000000	
25%	3.000000	
50%	5.000000	
75%	7.000000	
max	9.000000	

Double-click (or enter) to edit