

```

import pandas as pd

stats = pd.read_csv(r"D:\Naresh\20th, 21st\DataFrame_ Pandas\
Data.csv")

stats

```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	
...	
190	Yemen, Rep.	YEM	32.947	20.0	
191	South Africa	ZAF	20.850	46.5	
192	Congo, Dem. Rep.	COD	42.394	2.2	
193	Zambia	ZMB	40.471	15.4	
194	Zimbabwe	ZWE	35.715	18.5	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income
...	...
190	Lower middle income
191	Upper middle income
192	Low income
193	Lower middle income
194	Low income

```

[195 rows x 5 columns]

len(stats)

195

stats.columns

Index(['CountryName', 'CountryCode', 'BirthRate', 'InternetUsers',
      'IncomeGroup'],
      dtype='object')

len(stats.columns)

5

stats.head() #top 5 rows will be printed

```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

stats.tail() *#last 5 rows will be printed*

	CountryName	CountryCode	BirthRate	InternetUsers	\
190	Yemen, Rep.	YEM	32.947	20.0	
191	South Africa	ZAF	20.850	46.5	
192	Congo, Dem. Rep.	COD	42.394	2.2	
193	Zambia	ZMB	40.471	15.4	
194	Zimbabwe	ZWE	35.715	18.5	

	IncomeGroup
190	Lower middle income
191	Upper middle income
192	Low income
193	Lower middle income
194	Low income

stats.info() *#strings are called as object*

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 195 entries, 0 to 194
Data columns (total 5 columns):
#   Column          Non-Null Count  Dtype
---  -
0   CountryName     195 non-null   object
1   CountryCode     195 non-null   object
2   BirthRate       195 non-null   float64
3   InternetUsers   195 non-null   float64
4   IncomeGroup     195 non-null   object
dtypes: float64(2), object(3)
memory usage: 7.7+ KB
```

stats.describe() *#it will work like a statistic fun*

	BirthRate	InternetUsers
count	195.000000	195.000000
mean	21.469928	42.076471
std	10.605467	29.030788

```

min      7.900000      0.900000
25%     12.120500     14.520000
50%     19.680000     41.000000
75%     29.759500     66.225000
max     49.661000     96.546800

```

```
stats.describe().transpose() #transpose convert column into rows
```

```

              count      mean      std  min      25%      50%
75% \
BirthRate    195.0  21.469928  10.605467  7.9   12.1205  19.68
29.7595
InternetUsers 195.0  42.076471  29.030788  0.9   14.5200  41.00
66.2250

```

```

              max
BirthRate    49.6610
InternetUsers 96.5468

```

```
stats.head()
```

```

      CountryName CountryCode  BirthRate  InternetUsers \
0           Aruba         ABW    10.244           78.9
1  Afghanistan         AFG    35.253           5.9
2           Angola         AGO    45.985          19.1
3        Albania         ALB    12.877          57.2
4  United Arab Emirates         ARE    11.044          88.0

```

```

      IncomeGroup
0      High income
1      Low income
2  Upper middle income
3  Upper middle income
4      High income

```

```
stats.head()
```

```

      CountryName CountryCode  BirthRate  InternetUsers \
0           Aruba         ABW    10.244           78.9
1  Afghanistan         AFG    35.253           5.9
2           Angola         AGO    45.985          19.1
3        Albania         ALB    12.877          57.2
4  United Arab Emirates         ARE    11.044          88.0

```

```

      IncomeGroup
0      High income
1      Low income
2  Upper middle income
3  Upper middle income
4      High income

```

```
stats.columns = ['a', 'b', 'c', 'd', 'e']
stats.head()
```

	a	b	c	d	e
0	Aruba	ABW	10.244	78.9	High income
1	Afghanistan	AFG	35.253	5.9	Low income
2	Angola	AGO	45.985	19.1	Upper middle income
3	Albania	ALB	12.877	57.2	Upper middle income
4	United Arab Emirates	ARE	11.044	88.0	High income

```
stats.columns = ['CountryName', 'CountryCode', 'BirthRate',
'InternetUsers', 'IncomeGroup']
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

stats[21:26] *#how python know that only this is rows based on index*

	CountryName	CountryCode	BirthRate	InternetUsers	
21	Belize	BLZ	23.092	33.60	Upper middle income
22	Bermuda	BMU	10.400	95.30	High income
23	Bolivia	BOL	24.236	36.94	Lower middle income
24	Brazil	BRA	14.931	51.04	Upper middle income
25	Barbados	BRB	12.188	73.00	High income

```
stats[:]
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

```

..      ...
190      Yemen, Rep.      YEM      32.947      20.0
191      South Africa      ZAF      20.850      46.5
192      Congo, Dem. Rep.      COD      42.394      2.2
193      Zambia      ZMB      40.471      15.4
194      Zimbabwe      ZWE      35.715      18.5

```

```

IncomeGroup
0      High income
1      Low income
2      Upper middle income
3      Upper middle income
4      High income
..      ...
190      Lower middle income
191      Upper middle income
192      Low income
193      Lower middle income
194      Low income

```

```
[195 rows x 5 columns]
```

```
stats[:10]
```

```

CountryName CountryCode BirthRate InternetUsers \
0      Aruba      ABW      10.244      78.9000
1      Afghanistan      AFG      35.253      5.9000
2      Angola      AGO      45.985      19.1000
3      Albania      ALB      12.877      57.2000
4      United Arab Emirates      ARE      11.044      88.0000
5      Argentina      ARG      17.716      59.9000
6      Armenia      ARM      13.308      41.9000
7      Antigua and Barbuda      ATG      16.447      63.4000
8      Australia      AUS      13.200      83.0000
9      Austria      AUT      9.400      80.6188

```

```

IncomeGroup
0      High income
1      Low income
2      Upper middle income
3      Upper middle income
4      High income
5      High income
6      Lower middle income
7      High income
8      High income
9      High income

```

```
stats.head(10)
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9000	
1	Afghanistan	AFG	35.253	5.9000	
2	Angola	AGO	45.985	19.1000	
3	Albania	ALB	12.877	57.2000	
4	United Arab Emirates	ARE	11.044	88.0000	
5	Argentina	ARG	17.716	59.9000	
6	Armenia	ARM	13.308	41.9000	
7	Antigua and Barbuda	ATG	16.447	63.4000	
8	Australia	AUS	13.200	83.0000	
9	Austria	AUT	9.400	80.6188	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income
5	High income
6	Lower middle income
7	High income
8	High income
9	High income

stats[: : -1]

	CountryName	CountryCode	BirthRate	InternetUsers	\
194	Zimbabwe	ZWE	35.715	18.5	
193	Zambia	ZMB	40.471	15.4	
192	Congo, Dem. Rep.	COD	42.394	2.2	
191	South Africa	ZAF	20.850	46.5	
190	Yemen, Rep.	YEM	32.947	20.0	
..	
4	United Arab Emirates	ARE	11.044	88.0	
3	Albania	ALB	12.877	57.2	
2	Angola	AGO	45.985	19.1	
1	Afghanistan	AFG	35.253	5.9	
0	Aruba	ABW	10.244	78.9	

	IncomeGroup
194	Low income
193	Lower middle income
192	Low income
191	Upper middle income
190	Lower middle income
..	...
4	High income
3	Upper middle income
2	Upper middle income
1	Low income

0 High income

[195 rows x 5 columns]

stats

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	
..	
190	Yemen, Rep.	YEM	32.947	20.0	
191	South Africa	ZAF	20.850	46.5	
192	Congo, Dem. Rep.	COD	42.394	2.2	
193	Zambia	ZMB	40.471	15.4	
194	Zimbabwe	ZWE	35.715	18.5	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income
..	...
190	Lower middle income
191	Upper middle income
192	Low income
193	Lower middle income
194	Low income

[195 rows x 5 columns]

stats[: : 20]

	CountryName	CountryCode	BirthRate	InternetUsers	
IncomeGroup					
0	Aruba	ABW	10.244	78.9000	High income
20	Belarus	BLR	12.500	54.1700	Upper middle income
40	Costa Rica	CRI	15.022	45.9600	Upper middle income
60	Gabon	GAB	30.555	9.2000	Upper middle income
80	India	IND	20.291	15.1000	Lower middle income
100	Libya	LBY	21.425	16.5000	Upper middle income

120	Mozambique	MOZ	39.705	5.4000	Low income
140	Poland	POL	9.600	62.8492	High income
160	Suriname	SUR	18.455	37.4000	Upper middle income
180	Uruguay	URY	14.374	57.6900	High income

```
stats.columns
```

```
Index(['CountryName', 'CountryCode', 'BirthRate', 'InternetUsers',  
      'IncomeGroup'],  
      dtype='object')
```

```
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

```
stats['CountryName'].head()
```

0	Aruba
1	Afghanistan
2	Angola
3	Albania
4	United Arab Emirates

Name: CountryName, dtype: object

```
stats[['CountryName', 'BirthRate']].head()
```

	CountryName	BirthRate
0	Aruba	10.244
1	Afghanistan	35.253
2	Angola	45.985
3	Albania	12.877
4	United Arab Emirates	11.044

```
stats.head()
```


	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

```
stats['BirthRate']
```

0	10.244
1	35.253
2	45.985
3	12.877
4	11.044

...	
190	32.947
191	20.850
192	42.394
193	40.471
194	35.715

Name: BirthRate, Length: 195, dtype: float64

```
stats[4:8][['CountryName', 'BirthRate']]
```

	CountryName	BirthRate
4	United Arab Emirates	11.044
5	Argentina	17.716
6	Armenia	13.308
7	Antigua and Barbuda	16.447

```
stats [['CountryName', 'BirthRate']][4:8]
```

	CountryName	BirthRate
4	United Arab Emirates	11.044
5	Argentina	17.716
6	Armenia	13.308
7	Antigua and Barbuda	16.447

```
df1 = stats [['CountryName', 'BirthRate']]
```

```
df1
```

	CountryName	BirthRate
0	Aruba	10.244

```

1      Afghanistan  35.253
2      Angola      45.985
3      Albania      12.877
4      United Arab Emirates  11.044
..
190     Yemen, Rep.  32.947
191     South Africa  20.850
192     Congo, Dem. Rep.  42.394
193     Zambia      40.471
194     Zimbabwe    35.715

```

```
[195 rows x 2 columns]
```

```
df2 = stats[4:8]
df2
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
4	United Arab Emirates	ARE	11.044	88.0	
5	Argentina	ARG	17.716	59.9	
6	Armenia	ARM	13.308	41.9	
7	Antigua and Barbuda	ATG	16.447	63.4	

	IncomeGroup
4	High income
5	High income
6	Lower middle income
7	High income

```
stats[['CountryCode', 'BirthRate', 'InternetUsers']][4:8] #subset
dataframe
```

	CountryCode	BirthRate	InternetUsers
4	ARE	11.044	88.0
5	ARG	17.716	59.9
6	ARM	13.308	41.9
7	ATG	16.447	63.4

```
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income

```
3 Upper middle income
4 High income
```

```
stats.BirthRate * stats.InternetUsers
```

```
0 808.2516
1 207.9927
2 878.3135
3 736.5644
4 971.8720
```

```
...
190 658.9400
191 969.5250
192 93.2668
193 623.2534
194 660.7275
```

```
Length: 195, dtype: float64
```

```
stats['myCalc'] = stats.BirthRate * stats.InternetUsers
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup	myCalc
0	High income	808.2516
1	Low income	207.9927
2	Upper middle income	878.3135
3	Upper middle income	736.5644
4	High income	971.8720

```
stats.drop('myCalc',axis = 1)
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	
...
190	Yemen, Rep.	YEM	32.947	20.0	
191	South Africa	ZAF	20.850	46.5	
192	Congo, Dem. Rep.	COD	42.394	2.2	
193	Zambia	ZMB	40.471	15.4	
194	Zimbabwe	ZWE	35.715	18.5	

```
IncomeGroup
```

```

0          High income
1          Low income
2  Upper middle income
3  Upper middle income
4          High income
..          ...
190 Lower middle income
191 Upper middle income
192          Low income
193 Lower middle income
194          Low income

```

```
[195 rows x 5 columns]
```

```
stats = stats.drop('myCalc',axis = 1)
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

```

IncomeGroup
0          High income
1          Low income
2  Upper middle income
3  Upper middle income
4          High income

```

```
stats.columns[2]
```

```
'BirthRate'
```

```
stats.InternetUsers<2 #we are checking given condition if its correct true or false
```

```

0      False
1      False
2      False
3      False
4      False

```

```

...
190     False
191     False
192     False
193     False
194     False

```

```
Name: InternetUsers, Length: 195, dtype: bool
```

```
Filter = stats.InternetUsers < 2
Filter
```

```
0      False
1      False
2      False
3      False
4      False
...
190    False
191    False
192    False
193    False
194    False
```

```
Name: InternetUsers, Length: 195, dtype: bool
```

```
stats[3:7]
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	
5	Argentina	ARG	17.716	59.9	
6	Armenia	ARM	13.308	41.9	

	IncomeGroup
3	Upper middle income
4	High income
5	High income
6	Lower middle income

```
stats[30:40]
```

	CountryName	CountryCode	BirthRate	InternetUsers	
IncomeGroup					
30	Canada	CAN	10.900	85.80	High income
31	Switzerland	CHE	10.200	86.34	High income
32	Chile	CHL	13.385	66.50	High income
33	China	CHN	12.100	45.80	Upper middle income
34	Cote d'Ivoire	CIV	37.320	8.40	Lower middle income
35	Cameroon	CMR	37.236	6.40	Lower middle income
36	Congo, Rep.	COG	37.011	6.60	Lower middle income
37	Colombia	COL	16.076	51.70	Upper middle income

38	Comoros	COM	34.326	6.50	Low
income					
39	Cabo Verde	CPV	21.625	37.50	Lower middle
income					

stats[Filter] *# IT WILL take that row which are false*

	CountryName	CountryCode	BirthRate	InternetUsers	
IncomeGroup					
11	Burundi	BDI	44.151	1.3	Low
income					
52	Eritrea	ERI	34.800	0.9	Low
income					
55	Ethiopia	ETH	32.925	1.9	Low
income					
64	Guinea	GIN	37.337	1.6	Low
income					
117	Myanmar	MMR	18.119	1.6	Lower middle
income					
127	Niger	NER	49.661	1.7	Low
income					
154	Sierra Leone	SLE	36.729	1.7	Low
income					
156	Somalia	SOM	43.891	1.5	Low
income					
172	Timor-Leste	TLS	35.755	1.1	Lower middle
income					

stats.BirthRate>40

0	False
1	False
2	True
3	False
4	False
...	
190	False
191	False
192	True
193	True
194	False

Name: BirthRate, Length: 195, dtype: bool

Filter2 = stats.BirthRate>40

Filter2

0	False
1	False
2	True
3	False
4	False

```

190     ...
190     False
191     False
192     True
193     True
194     False
Name: BirthRate, Length: 195, dtype: bool

```

```
stats[Filter2]
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
2	Angola	AGO	45.985	19.1	
11	Burundi	BDI	44.151	1.3	
14	Burkina Faso	BFA	40.551	9.1	
65	Gambia, The	GMB	42.525	14.0	
115	Mali	MLI	44.138	3.5	
127	Niger	NER	49.661	1.7	
128	Nigeria	NGA	40.045	38.0	
156	Somalia	SOM	43.891	1.5	
167	Chad	TCD	45.745	2.3	
178	Uganda	UGA	43.474	16.2	
192	Congo, Dem. Rep.	COD	42.394	2.2	
193	Zambia	ZMB	40.471	15.4	

	IncomeGroup
2	Upper middle income
11	Low income
14	Low income
65	Low income
115	Low income
127	Low income
128	Lower middle income
156	Low income
167	Low income
178	Low income
192	Low income
193	Lower middle income

```
Filter & Filter2
```

```

0     False
1     False
2     False
3     False
4     False
...
190    False
191    False
192    False
193    False

```

```
194     False
Length: 195, dtype: bool
```

```
stats[Filter & Filter2]
```

	CountryName	CountryCode	BirthRate	InternetUsers	IncomeGroup
11	Burundi	BDI	44.151	1.3	Low income
127	Niger	NER	49.661	1.7	Low income
156	Somalia	SOM	43.891	1.5	Low income

```
stats[(stats.BirthRate > 40) & (stats.InternetUsers < 2)]
```

	CountryName	CountryCode	BirthRate	InternetUsers	IncomeGroup
11	Burundi	BDI	44.151	1.3	Low income
127	Niger	NER	49.661	1.7	Low income
156	Somalia	SOM	43.891	1.5	Low income

```
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

```
stats[stats.IncomeGroup == 'Low income']
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
1	Afghanistan	AFG	35.253	5.90	
11	Burundi	BDI	44.151	1.30	
13	Benin	BEN	36.440	4.90	
14	Burkina Faso	BFA	40.551	9.10	
29	Central African Republic	CAF	34.076	3.50	
38	Comoros	COM	34.326	6.50	
52	Eritrea	ERI	34.800	0.90	
55	Ethiopia	ETH	32.925	1.90	
64	Guinea	GIN	37.337	1.60	
65	Gambia, The	GMB	42.525	14.00	
66	Guinea-Bissau	GNB	37.503	3.10	
77	Haiti	HTI	25.345	10.60	
93	Cambodia	KHM	24.462	6.80	
99	Liberia	LBR	35.521	3.20	
111	Madagascar	MDG	34.686	3.00	

115	Mali	MLI	44.138	3.50
120	Mozambique	MOZ	39.705	5.40
123	Malawi	MWI	39.459	5.05
127	Niger	NER	49.661	1.70
132	Nepal	NPL	20.923	13.30
148	Rwanda	RWA	32.689	9.00
154	Sierra Leone	SLE	36.729	1.70
156	Somalia	SOM	43.891	1.50
158	South Sudan	SSD	37.126	14.10
167	Chad	TCD	45.745	2.30
168	Togo	TGO	36.080	4.50
177	Tanzania	TZA	39.518	4.40
178	Uganda	UGA	43.474	16.20
192	Congo, Dem. Rep.	COD	42.394	2.20
194	Zimbabwe	ZWE	35.715	18.50

IncomeGroup

1	Low income
11	Low income
13	Low income
14	Low income
29	Low income
38	Low income
52	Low income
55	Low income
64	Low income
65	Low income
66	Low income
77	Low income
93	Low income
99	Low income
111	Low income
115	Low income
120	Low income
123	Low income
127	Low income
132	Low income
148	Low income
154	Low income
156	Low income
158	Low income
167	Low income
168	Low income
177	Low income
178	Low income
192	Low income
194	Low income

stats.IncomeGroup.unique()

```
array(['High income', 'Low income', 'Upper middle income',  
      'Lower middle income'], dtype=object)
```

Introduction to seaborn # seaborn is very powerfull

visualizatio(STATISTIC VISULAIZATION) pkg in python

```
import matplotlib.pyplot as plt # visulaiztion  
import seaborn as sns # distribution visualtion
```

```
%matplotlib inline  
plt.rcParams['figure.figsize'] = 8,4
```

```
stats.head()
```

	CountryName	CountryCode	BirthRate	InternetUsers	\
0	Aruba	ABW	10.244	78.9	
1	Afghanistan	AFG	35.253	5.9	
2	Angola	AGO	45.985	19.1	
3	Albania	ALB	12.877	57.2	
4	United Arab Emirates	ARE	11.044	88.0	

	IncomeGroup
0	High income
1	Low income
2	Upper middle income
3	Upper middle income
4	High income

```
vis1 = sns.histplot(stats["InternetUsers"])  
vis1
```

```
<Axes: xlabel='InternetUsers', ylabel='Density'>
```

```
vis1 = sns.distplot(stats["InternetUsers"])
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_21044\1197685782.py:1:  
UserWarning:
```

```
`distplot` is a deprecated function and will be removed in seaborn  
v0.14.0.
```

Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see <https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751>

```
vis1 = sns.distplot(stats["InternetUsers"])
```