```
import pandas as pd
df=pd.read_csv("/content/Dataset_Stastical_Analysis.csv")
print(df)
```

```
     Time  Country_Name  GDP_per_capita  Export_value_index  Life_expectancy  \
0    2010         China     4550.453108          633.119986            74.409
1    2010         India     1357.563727          534.108397            66.693
2    2010    Kazakhstan     9070.488253          680.542884            68.450
3    2010      Thailand     5076.339872          280.305311            74.184
4    2010      Maldives     7076.739821          181.692732            75.905
..    ...           ...             ...                 ...               ...
195  2019         Libya     7685.948132          192.063906            72.913
196  2019       Namibia     5009.685904          374.807082            63.708
197  2019  South Africa     6624.761865          300.222240            64.131
198  2019      Botswana     7203.064221          195.618347            69.592
199  2019       Lebanon     7578.172368          675.789695            78.930

     Net_ODA_received_pc  Rural_population  Continent Income_status
0               0.502271            50.774      Asia  Upper Middle
1               2.293918            69.070      Asia  Lower Middle
2              12.988094            43.173      Asia  Upper Middle
3              -0.302999            56.144      Asia  Upper Middle
4             241.380250            63.566      Asia  Upper Middle
..                   ...               ...       ...           ...
195            46.626662            19.607    Africa  Upper Middle
196            59.494318            48.958    Africa  Upper Middle
197            16.589972            33.144    Africa  Upper Middle
198            29.891006            29.828    Africa  Upper Middle
199           222.513819            11.242    Africa  Upper Middle

[200 rows x 9 columns]
```

```
df.mean()
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\3698961737.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (w
  df.mean()
Time                   2014.500000
GDP_per_capita         5067.913261
Export_value_index      440.110764
Life_expectancy          68.668520
Net_ODA_received_pc      42.955003
Rural_population         47.528130
dtype: float64
```

```
df.loc[:,'Time'].mean()
```

```
2014.5
```

```
df.mean(axis=1)[0:4]
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\1148177455.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (w
  df.mean(axis=1)[0:4]
0    1219.876394
1     673.288174
2    1980.940372
3    1249.445031
dtype: float64
```

```
df.median()
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\530051474.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (wi
  df.median()
Time                   2014.500000
GDP_per_capita         4723.534184
Export_value_index      331.646611
Life_expectancy          69.514500
Net_ODA_received_pc      28.269711
Rural_population         49.297500
dtype: float64
```

```
df.loc[:,'Time'].median()
```

```
2014.5
```

```
df.median(axis=1)[0:4]
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\381455229.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (wi
  df.median(axis=1)[0:4]
0    353.764493
1    301.589199
2    374.496442
3    177.244655
dtype: float64
```

```
df.mode()
```

	Time	Country_Name	GDP_per_capita	Export_value_index	Life_expectancy	Net_ODA_received_pc	Rural_population	Continent	Income_
0	2010.0	Algeria	749.552412	74.229494	50.640	-6.040031	11.242	Africa	Lowe
1	2011.0	Botswana	807.102586	89.521744	50.896	-4.857410	11.407	Asia	Uppe
2	2012.0	China	847.382432	113.452229	51.346	-3.845067	11.571	NaN	
3	2013.0	Ghana	848.672380	114.522293	51.786	-1.986422	11.734	NaN	
4	2014.0	India	853.218873	124.496815	52.228	-1.936583	11.894	NaN	
...	...	...	...	...	...	...	...	...	
195	NaN	NaN	12064.772910	1077.752893	78.930	207.332769	74.779	NaN	
196	NaN	NaN	12386.699270	1117.808625	NaN	222.513819	75.206	NaN	
197	NaN	NaN	12807.260690	1157.260172	NaN	241.380250	75.624	NaN	
198	NaN	NaN	13025.279320	1308.659948	NaN	245.870954	76.031	NaN	
199	NaN	NaN	13890.630960	1422.135125	NaN	254.855484	76.429	NaN	

200 rows × 9 columns

```
df.loc[:,'Life_expectancy'].mode()
```

```
0      50.640
1      50.896
2      51.346
3      51.786
4      52.228
        ...
191    78.800
192    78.833
193    78.875
194    78.921
195    78.930
Name: Life_expectancy, Length: 196, dtype: float64
```

```
df.min()
```

```
Time                          2010
Country_Name               Algeria
GDP_per_capita          749.552412
Export_value_index       74.229494
Life_expectancy              50.64
Net_ODA_received_pc      -6.040031
Rural_population            11.242
Continent                   Africa
Income_status          Lower Middle
dtype: object
```

```
df.loc[:,'Time'].min(skipna = False)
```

```
2010
```

```
df.max()
```

```
Time                          2019
Country_Name              Zimbabwe
GDP_per_capita          13890.63096
Export_value_index      1422.135125
Life_expectancy               78.93
Net_ODA_received_pc      254.855484
Rural_population             76.429
```

```
Continent                    Asia
Income_status          Upper Middle
dtype: object
```

```
df.loc[:,'Time'].max(skipna = False)
```

```
2019
```

```
df.std()
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\3390915376.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (w
  df.std()
Time                      2.879489
GDP_per_capita         3319.027167
Export_value_index      282.524860
Life_expectancy           7.071472
Net_ODA_received_pc      51.251077
Rural_population         18.016762
dtype: float64
```

```
df.loc[:,'Time'].std()
```

```
2.879489066906169
```

```
df.std(axis=1)[0:3]
```

```
C:\Users\DELL\AppData\Local\Temp\ipykernel_17848\4053306094.py:1: FutureWarning: Dropping of nuisance columns in DataFrame reductions (w
  df.std(axis=1)[0:3]
0    1801.504308
1     831.585612
2    3556.373581
dtype: float64
```

Start coding or generate with AI.