```
In [1]: import numpy as np
        import pandas as pd
```

```
In [2]: data=pd.read_csv(r"C:\Users\user\Downloads\2015 - 2015.csv")
        data
```

Out[2]:

	Country	Region	Happiness Rank	Happiness Score	Standard Error	Economy (GDP per Capita)	Family	Health (Life Expectancy)	Freed
0	Switzerland	Western Europe	1	7.587	0.03411	1.39651	1.34951	0.94143	0.66
1	Iceland	Western Europe	2	7.561	0.04884	1.30232	1.40223	0.94784	0.62
2	Denmark	Western Europe	3	7.527	0.03328	1.32548	1.36058	0.87464	0.64
3	Norway	Western Europe	4	7.522	0.03880	1.45900	1.33095	0.88521	0.66
4	Canada	North America	5	7.427	0.03553	1.32629	1.32261	0.90563	0.63
...	...	...	...	...	...	...	...	...	
153	Rwanda	Sub-Saharan Africa	154	3.465	0.03464	0.22208	0.77370	0.42864	0.59
154	Benin	Sub-Saharan Africa	155	3.340	0.03656	0.28665	0.35386	0.31910	0.48
155	Syria	Middle East and Northern Africa	156	3.006	0.05015	0.66320	0.47489	0.72193	0.15
156	Burundi	Sub-Saharan Africa	157	2.905	0.08658	0.01530	0.41587	0.22396	0.11
157	Togo	Sub-Saharan Africa	158	2.839	0.06727	0.20868	0.13995	0.28443	0.36

158 rows × 12 columns

```
In [4]: data=data[['Freedom','Family']]
        data
```
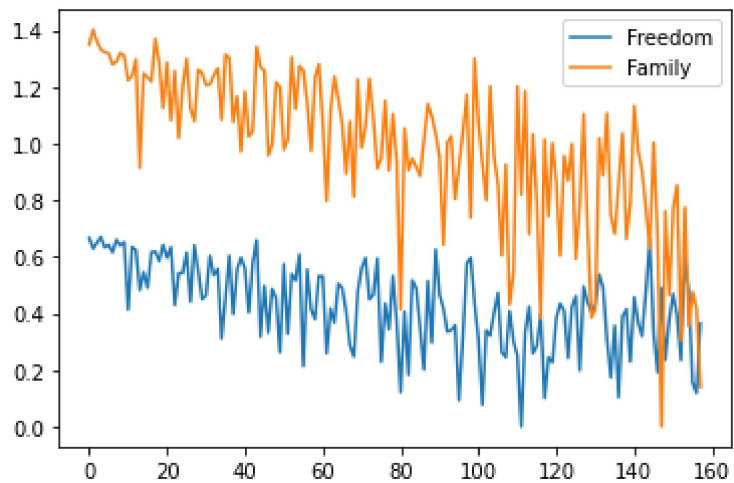
Out[4]:

	Freedom	Family
0	0.66557	1.34951
1	0.62877	1.40223
2	0.64938	1.36058
3	0.66973	1.33095
4	0.63297	1.32261
...	...	...
153	0.59201	0.77370
154	0.48450	0.35386
155	0.15684	0.47489
156	0.11850	0.41587
157	0.36453	0.13995

158 rows × 2 columns

```
In [5]: data.plot.line()
```
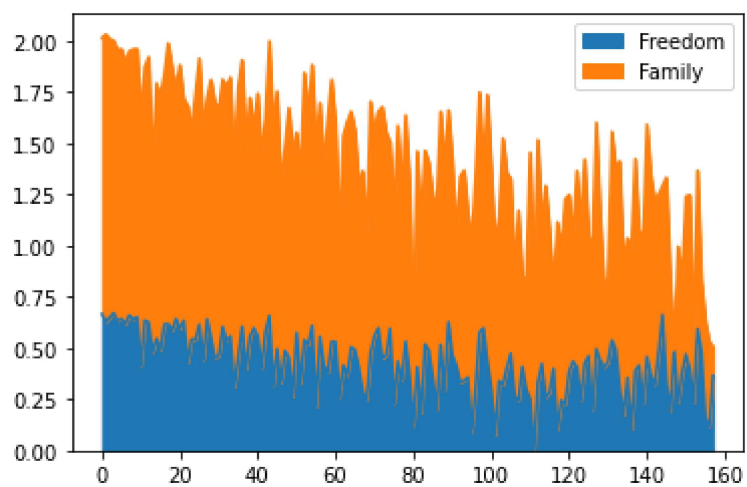
Out[5]: <AxesSubplot:>

In [6]: `data.plot.bar()`

Out[6]: `<AxesSubplot:>`
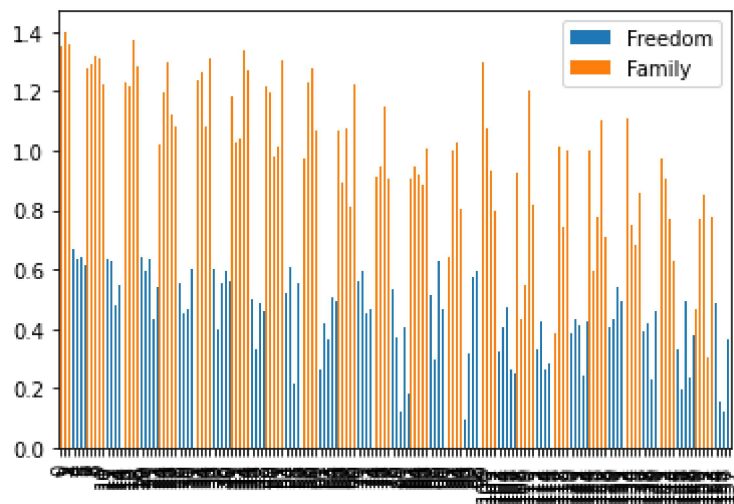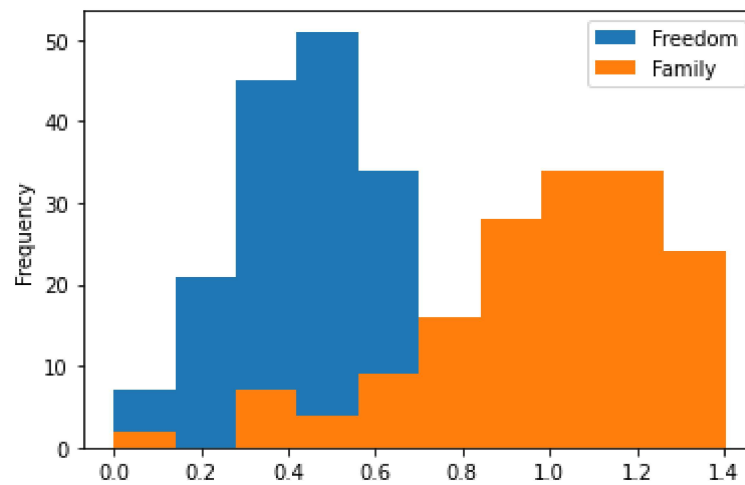

In [7]: `data.plot.area()`

Out[7]: `<AxesSubplot:>`

```
In [8]: data.plot.hist()
```
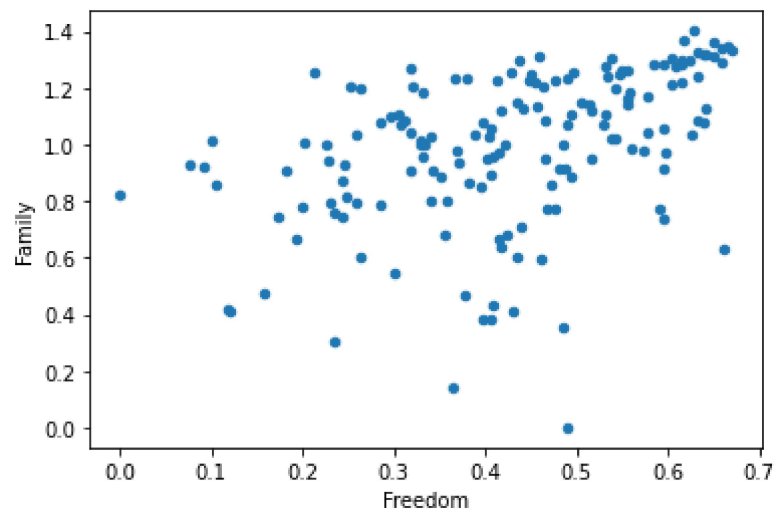
Out[8]: <AxesSubplot:ylabel='Frequency'>


```
In [14]: data.plot.scatter(x="Freedom",y="Family")
```

Out[14]: <AxesSubplot:xlabel='Freedom', ylabel='Family'>

```
In [17]: data.plot.pie(subplots=True)
```

Out[17]: array([<AxesSubplot:ylabel='Freedom'>, <AxesSubplot:ylabel='Family'>],
            dtype=object)

```
In [ ]: data.pie.box()
```

```
In [ ]:
```

```
In [ ]:
```