

```
In [5]: import pandas as pd
pokemon = pd.read_csv("pokemon.csv", squeeze=True, index_col="Name")
pokemon.head()
```

```
Out[5]: Name
Bulbasaur      Grass
Ivysaur        Grass
Venusaur       Grass
VenusaurMega Venusaur  Grass
Charmander     Fire
Name: Type 1, dtype: object
```

```
In [6]: pokemon.value_counts() #every categories will be counted
```

```
Out[6]: Water      112
Normal      98
Grass       70
Bug         69
Psychic     57
Fire        52
Rock        44
Electric    44
Ghost       32
Dragon      32
Ground      32
Dark        31
Poison      28
Fighting    27
Steel       27
Ice         24
Fairy       17
Flying      4
Name: Type 1, dtype: int64
```

```
In [8]: pokemon.value_counts().sum()
```

```
Out[8]: 800
```

```
In [9]: pokemon.count()
```

```
Out[9]: 800
```

```
In [11]: pokemon.value_counts(ascending=True) #starting from small no of catogoires
```

```
Out[11]: Flying      4
Fairy      17
Ice        24
Steel      27
Fighting   27
Poison     28
Dark       31
Ground     32
Dragon     32
Ghost      32
Electric   44
Rock       44
Fire       52
Psychic    57
Bug        69
Grass      70
Normal     98
Water     112
Name: Type 1, dtype: int64
```