

```
In [3]: import pandas as pd
import numpy as np
```

```
In [5]: df=pd.read_csv('nba.csv')
```

```
In [6]: df.head(
)
```

```
Out[6]:
```

	Name	Team	Number	Position	Age	Height	Weight	College	Salary
0	Avery Bradley	Boston Celtics	0.0	PG	25.0	6-2	180.0	Texas	7730337.0
1	Jae Crowder	Boston Celtics	99.0	SF	25.0	6-6	235.0	Marquette	6796117.0
2	John Holland	Boston Celtics	30.0	SG	27.0	6-5	205.0	Boston University	NaN
3	R.J. Hunter	Boston Celtics	28.0	SG	22.0	6-5	185.0	Georgia State	1148640.0
4	Jonas Jerebko	Boston Celtics	8.0	PF	29.0	6-10	231.0	NaN	5000000.0

```
In [8]: df['Team'].value_counts()
```

```
Out[8]:
```

New Orleans Pelicans	19
Memphis Grizzlies	18
New York Knicks	16
Milwaukee Bucks	16
Boston Celtics	15
Brooklyn Nets	15
Portland Trail Blazers	15
Oklahoma City Thunder	15
Denver Nuggets	15
Washington Wizards	15
Miami Heat	15
Charlotte Hornets	15
Atlanta Hawks	15
San Antonio Spurs	15
Houston Rockets	15
Dallas Mavericks	15
Indiana Pacers	15
Detroit Pistons	15
Cleveland Cavaliers	15
Chicago Bulls	15
Sacramento Kings	15
Phoenix Suns	15
Los Angeles Lakers	15
Los Angeles Clippers	15
Golden State Warriors	15
Toronto Raptors	15
Philadelphia 76ers	15
Utah Jazz	15
Orlando Magic	14
Minnesota Timberwolves	14

Name: Team, dtype: int64

```
In [9]: import math
```

```
In [10]: df['Age'].max()
```

```
Out[10]: 40.0
```

```
In [11]: df['Age'].min()
```

```
Out[11]: 19.0
```

```
In [12]: df['Age'].std()
```

```
Out[12]: 4.4040164244058335
```

```
In [13]: df['Age'].mean()
```

```
Out[13]: 26.938730853391686
```

```
In [14]: df['Age'].median()
```

```
Out[14]: 26.0
```

```
In [17]: df['Age'].mode()[0]
```

```
Out[17]: 24.0
```

```
In [26]: Age_group=df.groupby(df['Age'])
```

```
In [27]: ###check it out  
Age_group['Salary'].max()
```

```
Out[27]: Age  
19.0    2127840.0  
20.0    5703600.0  
21.0    5758680.0  
22.0    6331404.0  
23.0   16000000.0  
24.0   16407501.0  
25.0   15851950.0  
26.0   17120106.0  
27.0   20158622.0  
28.0   19689000.0  
29.0   16407500.0  
30.0   22359364.0  
31.0   22970500.0  
32.0   22875000.0  
33.0   13000000.0  
34.0   20000000.0  
35.0    7448760.0  
36.0    5675000.0  
37.0   25000000.0  
38.0    3376000.0  
39.0    4088019.0  
40.0    8500000.0  
Name: Salary, dtype: float64
```

```
In [28]: Age_group['Salary'].count()
```

```
Out[28]: Age
19.0      2
20.0      19
21.0      19
22.0      26
23.0      39
24.0      45
25.0      44
26.0      36
27.0      40
28.0      30
29.0      27
30.0      30
31.0      22
32.0      13
33.0      14
34.0      10
35.0       8
36.0      10
37.0       3
38.0       4
39.0       2
40.0       3
Name: Salary, dtype: int64
```

```
In [ ]:
```