In [24]:
```
import pandas as pd
```

In [25]:
```
import numpy as np
```

In [26]:
```
df=pd.read_csv(r'C:\Users\Rutu\Documents\Salary_Data.csv')
```

In [27]:
```
df.describe()
```

Out[27]:

	YearsExperience	Age	Salary
count	30.000000	30.000000	30.000000
mean	5.313333	27.216667	76003.000000
std	2.837888	5.161267	27414.429785
min	1.100000	21.000000	37731.000000
25%	3.200000	23.300000	56720.750000
50%	4.700000	25.000000	65237.000000
75%	7.700000	30.750000	100544.750000
max	10.500000	38.000000	122391.000000

In [28]:
```
df.head()
```

Out[28]:

	YearsExperience	Age	Salary
0	1.1	21.0	39343
1	1.3	21.5	46205
2	1.5	21.7	37731
3	2.0	22.0	43525
4	2.2	22.2	39891

In [29]:
```
df.tail()
```

Out[29]:

	YearsExperience	Age	Salary
25	9.0	34.0	105582
26	9.5	35.0	116969
27	9.6	36.0	112635
28	10.3	37.0	122391
29	10.5	38.0	121872

In [30]:
```
df.columns
```

Out[30]:
```
Index(['YearsExperience', 'Age', 'Salary'], dtype='object')
```

In [31]:
```
df[['Age','Salary']].mean()
```

Out[31]:
```
Age          27.216667
Salary    76003.000000
dtype: float64
```

In [32]:
```
df[['Age','Salary']].median()
```

Out[32]:
```
Age          25.0
Salary    65237.0
dtype: float64
```

In [33]:
```
df[['Age','Salary']].std()
```

Out[33]:
```
Age           5.161267
Salary    27414.429785
dtype: float64
```

In [34]:
```
df[['Age','Salary']].min()
```

Out[34]:
```
Age          21.0
Salary    37731.0
dtype: float64
```

In [35]:
```
df[['Age','Salary']].max()
```

Out[35]:
```
Age           38.0
Salary    122391.0
dtype: float64
```

In [41]:
```
df[['Age','Salary']].mode(axis=1)
```

Out[41]:

	0	1
0	21.0	39343.0
1	21.5	46205.0
2	21.7	37731.0
3	22.0	43525.0
4	22.2	39891.0
5	23.0	56642.0
6	23.0	60150.0
7	23.3	54445.0
8	23.3	64445.0
9	23.6	57189.0
10	23.9	63218.0
11	24.0	55794.0
12	24.0	56957.0
13	24.0	57081.0
14	25.0	61111.0
15	25.0	67938.0
16	26.0	66029.0
17	27.0	83088.0
18	28.0	81363.0
19	29.0	93940.0
20	30.0	91738.0
21	30.0	98273.0
22	31.0	101302.0
23	32.0	113812.0
24	33.0	109431.0
25	34.0	105582.0
26	35.0	116969.0
27	36.0	112635.0
28	37.0	122391.0
29	38.0	121872.0

In [42]:
```
df[['Age','Salary']].mean(axis=1)
```

Out[42]:
```
0     19682.00
1     23113.25
2     18876.35
3     21773.50
4     19956.60
5     28332.50
6     30086.50
7     27234.15
8     32234.15
9     28606.30
10    31620.95
11    27909.00
12    28490.50
13    28552.50
14    30568.00
15    33981.50
16    33027.50
17    41557.50
18    40695.50
19    46984.50
20    45884.00
21    49151.50
22    50666.50
23    56922.00
24    54732.00
25    52808.00
26    58502.00
27    56335.50
28    61214.00
29    60955.00
dtype: float64
```