In [1]:

```python
import pandas as pd
import numpy as np
```

In [2]:

```python
df=pd.read_csv("HR.csv")
df
```

Out[2]:

	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Education
0	41	Yes	Travel_Rarely	1102	Sales	1	2
1	49	No	Travel_Frequently	279	Research & Development	8	1
2	37	Yes	Travel_Rarely	1373	Research & Development	2	2
3	33	No	Travel_Frequently	1392	Research & Development	3	4
4	27	No	Travel_Rarely	591	Research & Development	2	1
...	...	...	...	...	...	...	..
1465	36	No	Travel_Frequently	884	Research & Development	23	2
1466	39	No	Travel_Rarely	613	Research & Development	6	1
1467	27	No	Travel_Rarely	155	Research & Development	4	3
1468	49	No	Travel_Frequently	1023	Sales	2	3
1469	34	No	Travel_Rarely	628	Research & Development	8	3

1470 rows × 35 columns
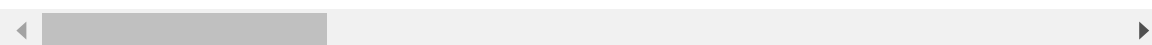
In [15]:

```python
df.groupby('Department')['MonthlyIncome'].mean()
```

Out[15]:

```
Department
Human Resources           6654.507937
Research & Development     6281.252862
Sales                     6959.172646
Name: MonthlyIncome, dtype: float64
```

In [16]:

```python
df.groupby('Department')['MonthlyIncome'].median()
```

Out[16]:

```
Department
Human Resources         3886.0
Research & Development   4374.0
Sales                    5754.5
Name: MonthlyIncome, dtype: float64
```

In [17]:

```python
df.groupby('Department')['MonthlyIncome'].std()
```

Out[17]:

```
Department
Human Resources         5788.732921
Research & Development   4895.835087
Sales                    4058.739322
Name: MonthlyIncome, dtype: float64
```

In [18]:

```python
df.groupby('Department')['MonthlyIncome'].min()
```

Out[18]:

```
Department
Human Resources         1555
Research & Development   1009
Sales                    1052
Name: MonthlyIncome, dtype: int64
```

In [39]:

```python
df.groupby('Department')['MonthlyIncome'].max()
```

Out[39]:

```
Department
Human Resources         19717
Research & Development   19999
Sales                    19847
Name: MonthlyIncome, dtype: int64
```

In [51]:

```python
min_list=[i for i in df.groupby('Department')['MonthlyIncome'].min()]
max_list=[i for i in df.groupby('Department')['MonthlyIncome'].max()]
print(min_list,max_list)
```

```
[1555, 1009, 1052] [19717, 19999, 19847]
```

In [ ]:

In [ ]: