

```
In [1]: import pandas as pd
data={'Year':pd.Series([1990,1990,1990,1991,1991,1991,1992,1992,1992]),
      'Name':pd.Series(['Alice','Bob','Charlie','Alice','Bob','Charlie','Alice','Bob','Charlie']),
      'Department':pd.Series(['HR','RD','Admin','HR','RD','Admin','Admin','RD','Admin']),
      'Age':pd.Series([25,30,45,26,31,46,27,32,28]),
      'Salary':pd.Series([50000,48000,55000,52000,50000,60000,60000,52000,62000])}
df=pd.DataFrame(data)
print(df)
```

	Year	Name	Department	Age	Salary
0	1990	Alice	HR	25	50000
1	1990	Bob	RD	30	48000
2	1990	Charlie	Admin	45	55000
3	1991	Alice	HR	26	52000
4	1991	Bob	RD	31	50000
5	1991	Charlie	Admin	46	60000
6	1992	Alice	Admin	27	60000
7	1992	Bob	RD	32	52000
8	1992	Charlie	Admin	28	62000

```
In [3]: df.groupby(['Year'])['Salary'].sum()
```

```
Out[3]: Year
1990    153000
1991    162000
1992    174000
Name: Salary, dtype: int64
```

```
In [4]: df.groupby(['Name'])['Salary'].sum()
```

```
Out[4]: Name
Alice    162000
Bob      150000
Charlie  177000
Name: Salary, dtype: int64
```

```
In [5]: df.groupby(['Year','Department'])['Salary'].sum()
```

```
Out[5]: Year  Department
1990  Admin    55000
      HR      50000
      RD      48000
1991  Admin    60000
      HR      52000
      RD      50000
1992  Admin    122000
      RD      52000
Name: Salary, dtype: int64
```