Create a DataFrame..

1.Make a pivote table which shows average salary of each type of employee for each department

In [9]:
```
import pandas as pd
import numpy as np
```

In [10]:
```
df = pd.DataFrame({'First Name': ['Aryan', 'Rohan', 'Riya', 'Yash', 'Siddhant', ],

                   'Last Name': ['Singh', 'Agarwal', 'Shah', 'Bhatia', 'Khanna'],

                   'Type': ['Full-time Employee', 'Intern', 'Full-time Employee',
                            'Part-time Employee', 'Full-time Employee'],

                   'Department': ['Administration', 'Technical', 'Administration',
                                  'Technical', 'Management'],
                   'YoE': [2, 3, 5, 7, 6],
                   'Salary': [20000, 5000, 10000, 10000, 20000]})
```

In [11]:
```
df
```

Out[11]:

	First Name	Last Name	Type	Department	YoE	Salary
0	Aryan	Singh	Full-time Employee	Administration	2	20000
1	Rohan	Agarwal	Intern	Technical	3	5000
2	Riya	Shah	Full-time Employee	Administration	5	10000
3	Yash	Bhatia	Part-time Employee	Technical	7	10000
4	Siddhant	Khanna	Full-time Employee	Management	6	20000

In [12]:
```
output = pd.pivot_table(data=df,
                        index=['Type'],
                        columns=['Department'],
                        values='Salary',
                        aggfunc='mean')
output
```

Out[12]:

Department	Administration	Management	Technical
Type			
Full-time Employee	15000.0	20000.0	NaN
Intern	NaN	NaN	5000.0
Part-time Employee	NaN	NaN	10000.0