

In [1]:

```
import pandas as pd
```

In [2]:

```
pwd
```

Out[2]:

'C:\\Users\\SARA'

In [3]:

```
cd Downloads
```

C:\\Users\\SARA\\Downloads

In [4]:

```
dataframe = pd.read_csv('original.csv')
```

In [5]:

```
dataframe
```

Out[5]:

	NOMBRE	APELLIDOS	EDAD	SALARIO
0	ANTONIO	PEREZ GOMEZ	34	20000
1	LUIS	RODRIGUEZ VAZQUEZ	45	45000
2	ROSA	MARTINEZ LOPEZ	25	15000
3	PEDRO	SILVA GONZALEZ	54	50000
4	MARIA	DIAZ LOPEZ	40	32000

In [6]:

```
dataframe.describe()
```

Out[6]:

	EDAD	SALARIO
count	5.000000	5.000000
mean	39.600000	32400.000000
std	10.968136	15208.550227
min	25.000000	15000.000000
25%	34.000000	20000.000000
50%	40.000000	32000.000000
75%	45.000000	45000.000000
max	54.000000	50000.000000

In [7]:

```
dataframe['NOMBRE']
```

Out[7]:

0 ANTONIO  
1 LUIS  
2 ROSA  
3 PEDRO  
4 MARIA  
Name: NOMBRE, dtype: object

In [9]:

```
dataframe['NOMBRE'][1]
```

Out[9]:

'LUIS'

In [10]:

```
dataframe[['NOMBRE','APELLIDOS']]
```

Out[10]:

	NOMBRE	APELLIDOS
0	ANTONIO	PEREZ GOMEZ
1	LUIS	RODRIGUEZ VAZQUEZ
2	ROSA	MARTINEZ LOPEZ
3	PEDRO	SILVA GONZALEZ
4	MARIA	DIAZ LOPEZ

In [11]:

```
dataframe
```

Out[11]:

	NOMBRE	APELLIDOS	EDAD	SALARIO
0	ANTONIO	PEREZ GOMEZ	34	20000
1	LUIS	RODRIGUEZ VAZQUEZ	45	45000
2	ROSA	MARTINEZ LOPEZ	25	15000
3	PEDRO	SILVA GONZALEZ	54	50000
4	MARIA	DIAZ LOPEZ	40	32000

In [12]:

```
dataframe['SALARIO'] > 30000
```

Out[12]:

```
0    False
1     True
2    False
3     True
4     True
Name: SALARIO, dtype: bool
```

In [13]:

```
dfiltro=dataframe['SALARIO'] > 30000
```

In [14]:

```
dataframe2 = dataframe[dfiltro]
```

In [15]:

```
dataframe2
```

Out[15]:

	NOMBRE	APELLIDOS	EDAD	SALARIO
1	LUIS	RODRIGUEZ VAZQUEZ	45	45000
3	PEDRO	SILVA GONZALEZ	54	50000
4	MARIA	DIAZ LOPEZ	40	32000

In [16]:

```
dataframe2.values
```

Out[16]:

```
array([[ 'LUIS', 'RODRIGUEZ VAZQUEZ', 45, 45000],
       [ 'PEDRO', 'SILVA GONZALEZ', 54, 50000],
       [ 'MARIA', 'DIAZ LOPEZ', 40, 32000]], dtype=object)
```

In [17]:

```
array=dataframe2.values
```

In [18]:

```
array
```

Out[18]:

```
array([[ 'LUIS', 'RODRIGUEZ VAZQUEZ', 45, 45000],  
       [ 'PEDRO', 'SILVA GONZALEZ', 54, 50000],  
       [ 'MARIA', 'DIAZ LOPEZ', 40, 32000]], dtype=object)
```

In [19]:

```
array[0,1]
```

Out[19]:

```
'RODRIGUEZ VAZQUEZ'
```

In [ ]:

In [ ]:

In [ ]: