

```
import pandas as pd
```

```
sal=pd.read_csv('/content/sample_data/Salaries.csv',low_memory=False)  
sal
```

```
sal.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 148654 entries, 0 to 148653
Data columns (total 13 columns):
#   Column                Non-Null Count  Dtype
---  ---
0   Id                     148654 non-null int64
1   EmployeeName           148654 non-null object
2   JobTitle               148654 non-null object
3   BasePay                148049 non-null object
4   OvertimePay            148654 non-null object
5   OtherPay               148654 non-null object
6   Benefits               112495 non-null object
7   TotalPay               148654 non-null float64
8   TotalPayBenefits       148654 non-null float64
9   Year                   148654 non-null int64
10  Notes                  0 non-null      float64
11  Agency                 148654 non-null object
12  Status                 38119 non-null  object
dtypes: float64(3), int64(2), object(8)
memory usage: 14.7+ MB

(FIRE

str(sal["OvertimePay"].max())

'245131.88'
148649  148650      Roy Hillery      Custodian      0.00      0.00      0.00

str(sal["BasePay"].mean())

'66325.4488404877'
148654  148653      Not provided      Not provided      NaN      NaN      NaN

sal.loc[sal['EmployeeName'] == 'JOSEPH DRISCOLL']

Id EmployeeName      JobTitle      BasePay      OvertimePay      OtherPay      Benefits      TotalPay      T
25      JOSEPH DRISCOLL      CAPTAIN, FIRE SUPPRESSION      140546.86      97868.77      31909.28      NaN      270324.91

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sal.query('EmployeeName.str.contains("JOSEPH DRISCOLL")', engine='python')['JobTitle']

24      CAPTAIN, FIRE SUPPRESSION
Name: JobTitle, dtype: object

sal.query('EmployeeName.str.contains("JOSEPH DRISCOLL")', engine='python')['TotalPayBenefits']
```

```
24      270324.91
Name: TotalPayBenefits, dtype: float64
```

```
sal.loc[sal['TotalPayBenefits']==sal['TotalPayBenefits'].max()]
```

EmployeeName	JobTitle	BasePay	OvertimePay	OtherPay	Benefits	TotalPay	T
NATHANIEL FORD	GENERAL MANAGER- METROPOLITAN TRANSIT AUTHORITY	167411.18	0.0	400184.25	NaN	567595.43	

