In [6]:
```python
import pandas as pd
```

In [16]:
```python
df = pd.read_csv("empdata.csv")
```

In [18]:
```python
df.head()
```

Out[18]:

	Empid	Ename	Salary	DOJ
0	1001	Ganesh	1000.00	10-10-2000
1	1002	Anil	23000.50	3/20/2002
2	1003	NaN	18000.33	NaN
3	1004	Hema Chandra	16500.50	09-10-2000
4	1005	Laxmi Prasanna	NaN	10-08-2000

In [20]:
```python
df.tail()
```

Out[20]:

	Empid	Ename	Salary	DOJ
2	1003	NaN	18000.33	NaN
3	1004	Hema Chandra	16500.50	09-10-2000
4	1005	Laxmi Prasanna	NaN	10-08-2000
5	1006	Anant	9999.99	09-09-1999
6	1007	XYZ	14000.00	3/20/2002

In [22]:
```python
df
```

Out[22]:

	Empid	Ename	Salary	DOJ
0	1001	Ganesh	1000.00	10-10-2000
1	1002	Anil	23000.50	3/20/2002
2	1003	NaN	18000.33	NaN
3	1004	Hema Chandra	16500.50	09-10-2000
4	1005	Laxmi Prasanna	NaN	10-08-2000
5	1006	Anant	9999.99	09-09-1999
6	1007	XYZ	14000.00	3/20/2002

In [24]:
```python
df.head(2)
```

Out[24]:

	Empid	Ename	Salary	DOJ
0	1001	Ganesh	1000.0	10-10-2000
1	1002	Anil	23000.5	3/20/2002

In [26]: `df.columns`

Out[26]: `Index(['Empid', 'Ename', 'Salary', 'DOJ'], dtype='object')`

In [28]: `df[['Empid','Ename']]`

Out[28]:

	Empid	Ename
0	1001	Ganesh
1	1002	Anil
2	1003	NaN
3	1004	Hema Chandra
4	1005	Laxmi Prasanna
5	1006	Anant
6	1007	XYZ

In [30]: `df[2:5]`

Out[30]:

	Empid	Ename	Salary	DOJ
2	1003	NaN	18000.33	NaN
3	1004	Hema Chandra	16500.50	09-10-2000
4	1005	Laxmi Prasanna	NaN	10-08-2000

In [32]: `df[::2]`

Out[32]:

	Empid	Ename	Salary	DOJ
0	1001	Ganesh	1000.00	10-10-2000
2	1003	NaN	18000.33	NaN
4	1005	Laxmi Prasanna	NaN	10-08-2000
6	1007	XYZ	14000.00	3/20/2002

In [34]: `df[5:0:-1]`

Out[34]:

	Empid	Ename	Salary	DOJ
5	1006	Anant	9999.99	09-09-1999
4	1005	Laxmi Prasanna	NaN	10-08-2000
3	1004	Hema Chandra	16500.50	09-10-2000
2	1003	NaN	18000.33	NaN
1	1002	Anil	23000.50	3/20/2002

In [36]: `df.columns`

Out[36]: `Index(['Empid', 'Ename', 'Salary', 'DOJ'], dtype='object')`

In [38]: `df.Empid`

Out[38]:
```
0    1001
1    1002
2    1003
3    1004
4    1005
5    1006
6    1007
Name: Empid, dtype: int64
```

In [40]: `df["Empid"]`

Out[40]:
```
0    1001
1    1002
2    1003
3    1004
4    1005
5    1006
6    1007
Name: Empid, dtype: int64
```

In [44]: `df["Salary"].max()`

Out[44]: `23000.5`

In [46]: `df["Salary"].min()`

Out[46]: `1000.0`

In [48]: `df["Empid"].max()`

Out[48]: `1007`

In [50]: `df['Salary'].std()`

Out[50]: `7588.015291479057`

In [52]: `df.describe()`

Out[52]:

	Empid	Salary
count	7.000000	6.000000
mean	1004.000000	13750.220000
std	2.160247	7588.015291
min	1001.000000	1000.000000
25%	1002.500000	10999.992500
50%	1004.000000	15250.250000
75%	1005.500000	17625.372500
max	1007.000000	23000.500000