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localhost:8888/notebooks/Shivam/S.ipynb

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In [1]: `import pandas as pd
df=pd.read_csv('employees.csv')
df.head()`

Out[1]:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
0	198	Donald	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	-	124
1	199	Douglas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	-	124
2	200	Jennifer	Whalen	JWHALEN	515.123.4444	17-Sep-03	AD_ASST	4400	-	-	101
3	201	Michael	Hartstein	MHARTSTE	515.123.5555	17-Feb-04	MK_MAN	13000	-	-	100
4	202	Pat	Fay	PFAY	603.123.6666	17-Aug-05	MK_REP	6000	-	-	201

In [3]: `df.drop('unnamed:11',axis=1,inplace=True)`

KeyError Traceback (most recent call last)
<ipython-input-3-749470d78760> in <module>
----> 1 df.drop('unnamed:11',axis=1,inplace=True)

C:\ProgramData\Anaconda3\lib\site-packages\pandas\core\frame.py in drop(self, labels, axis, index, columns, level, inplace, errors)
4306 weight 1.0 0.8

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In [4]: df

Out[4]:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPART
0	198	Donald	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	124	
1	199	Douglas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	124	
2	200	Jennifer	Whalen	JWHALEN	515.123.4444	17-Sep-03	AD_ASST	4400	-	101	
3	201	Michael	Hartstein	MHARTSTE	515.123.5555	17-Feb-04	MK_MAN	13000	-	100	
4	202	Pat	Fay	PFAY	603.123.6666	17-Aug-05	MK_REP	6000	-	201	
5	203	Susan	Mavris	SMAVRIS	515.123.7777	7-Jun-02	HR_REP	6500	-	101	
6	204	Hermann	Baer	HBAER	515.123.8888	7-Jun-02	PR_REP	10000	-	101	
7	205	Shelley	Higgins	SHIGGINS	515.123.8080	7-Jun-02	AC_MGR	12008	-	101	
8	206	William	Gietz	WGIETZ	515.123.8181	7-Jun-02	AC_ACCOUNT	8300	-	205	
9	100	Steven	King	SKING	515.123.4567	17-Jun-03	AD_PRES	24000	-	-	
10	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-Sep-05	AD_VP	17000	-	100	
11	102	Lex	De Haan	LDEHAAN	515.123.4569	13-Jan-01	AD_VP	17000	-	100	
12	103	Alexander	Hunold	AHUNOLD	590.423.4567	3-Jan-06	IT_PROG	9000	-	102	
13	104	Bruce	Ernst	BERNST	590.423.4568	21-May-07	IT_PROG	6000	-	103	
14	105	David	Austin	DAUSTIN	590.423.4569	25-Jun-05	IT_PROG	4800	-	103	
15	106	Valli	Pataballa	VPATABAL	590.423.4560	5-Feb-06	IT_PROG	4800	-	103	
16	107	Diana	Lorentz	DLORENTZ	590.423.5567	7-Feb-07	IT_PROG	4200	-	103	
17	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-Aug-02	FI_MGR	12008	-	101	

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In [6]: df["Gender"]=="M"

Out[6]: 0 True
1 True
2 False
3 False
4 True
5 False
6 False
7 True
8 False
9 True
10 False
11 False
12 True
13 False
14 True
15 True
16 False
17 True
18 False
19 False
20 False
21 True
22 False
23 False
24 True
25 True
26 False
27 True
28 False

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Name: Gender, dtype: bool

In [7]: df["Gender"] == "F"

Out[7]:

```
0    False
1    False
2     True
3     True
4    False
5     True
6     True
7    False
8     True
9    False
10   True
11   True
12   False
13   True
14   False
15   False
16   True
17   False
18   True
19   True
20   True
21   False
22   True
23   True
24   False
25   False
26   True
27   False
```

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In [49]:

```
49    False
Name: Gender, dtype: bool
```

In [8]:

```
df[df["Gender"] == "M"]
```

Out[8]:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPART
0	198	Donald	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	-	124
1	199	Douglas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	-	124
4	202	Pat	Fay	PFAY	603.123.6666	17-Aug-05	MK_REP	6000	-	-	201
7	205	Shelley	Higgins	SHIGGINS	515.123.8080	7-Jun-02	AC_MGR	12008	-	-	101
9	100	Steven	King	SKING	515.123.4567	17-Jun-03	AD_PRES	24000	-	-	-
12	103	Alexander	Hunold	AHUNOLD	590.423.4567	3-Jan-06	IT_PROG	9000	-	-	102
14	105	David	Austin	DAUSTIN	590.423.4569	25-Jun-05	IT_PROG	4800	-	-	103
15	106	Valli	Pataballa	VPATABAL	590.423.4560	5-Feb-06	IT_PROG	4800	-	-	103
17	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-Aug-02	FI_MGR	12008	-	-	101
21	112	Jose Manuel	Urman	JMURMAN	515.124.4469	7-Mar-06	FI_ACCOUNT	7800	-	-	108
24	115	Alexander	Khoo	AKHOO	515.127.4562	18-May-03	PU_CLERK	3100	-	-	114
25	116	Shelli	Baida	SBAIDA	515.127.4563	24-Dec-05	PU_CLERK	2900	-	-	114
27	118	Guy	Himuro	GHIMURO	515.127.4565	15-Nov-06	PU_CLERK	2600	-	-	114
29	120	Matthew	Weiss	MWEISS	650.123.1234	18-Jul-04	ST_MAN	8000	-	-	100
31	122	Payam	Kaufling	PKAUFLIN	650.123.3234	1-May-03	ST_MAN	7900	-	-	100
33	124	Kevin	Mourgos	KMOURGOS	650.123.5234	16-Nov-07	ST_MAN	5800	-	-	100

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49 False
Name: Gender, dtype: bool

In [8]: df[df["Gender"]== "M"]

Out[8]:

AME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	Unnamed: 11	Gender
Donald	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	124	50	NaN	M
Gglas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	124	50	NaN	M
Pat	Fay	PFAY	603.123.6666	17-Aug-05	MK_REP	6000	-	201	20	NaN	M
Delley	Higgins	SHIGGINS	515.123.8080	7-Jun-02	AC_MGR	12008	-	101	110	NaN	M
Even	King	SKING	515.123.4567	17-Jun-03	AD_PRE	24000	-	-	90	NaN	M
Under	Hunold	AHUNOLD	590.423.4567	3-Jan-06	IT_PROG	9000	-	102	60	NaN	M
David	Austin	DAUSTIN	590.423.4569	25-Jun-05	IT_PROG	4800	-	103	60	NaN	M
Valli	Pataballa	VPATABAL	590.423.4560	5-Feb-06	IT_PROG	4800	-	103	60	NaN	M
ancy	Greenberg	NGREENBE	515.124.4569	17-Aug-02	FI_MGR	12008	-	101	100	NaN	M
anuel	Urman	JMURMAN	515.124.4469	7-Mar-06	FI_ACCOUNT	7800	-	108	100	NaN	M
nder	Khoo	AKHOO	515.127.4562	18-May-03	PU_CLERK	3100	-	114	30	NaN	M
Shelli	Baida	SBAIDA	515.127.4563	24-Dec-05	PU_CLERK	2900	-	114	30	NaN	M
Guy	Himuro	GHIMURO	515.127.4565	15-Nov-06	PU_CLERK	2600	-	114	30	NaN	M
thew	Weiss	MWEISS	650.123.1234	18-Jul-04	ST_MAN	8000	-	100	50	NaN	M
ayam	Kaufling	PKAUFLIN	650.123.3234	1-May-03	ST_MAN	7900	-	100	50	NaN	M
Cevin	Mourgos	KMOURGOS	650.123.5234	16-Nov-07	ST_MAN	5800	-	100	50	NaN	M

     

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In [12]: `df[df["JOB_ID"]!="ST_CLERK"]`

Out[12]:

NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID	Unnamed: 11	Gender
Hard	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	124	50	NaN	M
Glas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	124	50	NaN	M
Weller	Whalen	JWHALEN	515.123.4444	17-Sep-03	AD_ASST	4400	-	101	10	NaN	F
Michael	Hartstein	MHARTSTE	515.123.5555	17-Feb-04	MK_MAN	13000	-	100	20	NaN	F
Pat	Fay	PFAY	603.123.6666	17-Aug-05	MK_REP	6000	-	201	20	NaN	M
Janan	Mavris	SMAVRIS	515.123.7777	7-Jun-02	HR_REP	6500	-	101	40	NaN	F
Jan	Baer	HBAER	515.123.8888	7-Jun-02	PR_REP	10000	-	101	70	NaN	F
Elley	Higgins	SHIGGINS	515.123.8080	7-Jun-02	AC_MGR	12008	-	101	110	NaN	M
Liam	Gietz	WGRIETZ	515.123.8181	7-Jun-02	AC_ACCOUNT	8300	-	205	110	NaN	F
Ken	King	SKING	515.123.4567	17-Jun-03	AD_PRES	24000	-	-	90	NaN	M
rena	Kochhar	NKOCHHAR	515.123.4568	21-Sep-05	AD_VP	17000	-	100	90	NaN	F
Lex	De Haan	LDEHAAN	515.123.4569	13-Jan-01	AD_VP	17000	-	100	90	NaN	F
ander	Hunold	AHUNOLD	590.423.4567	3-Jan-06	IT_PROG	9000	-	102	60	NaN	M
uce	Ernst	BERNST	590.423.4568	21-May-07	IT_PROG	6000	-	103	60	NaN	F
avid	Austin	DAUSTIN	590.423.4569	25-Jun-05	IT_PROG	4800	-	103	60	NaN	M
Valli	Pataballa	VPATABAL	590.423.4560	5-Feb-06	IT_PROG	4800	-	103	60	NaN	M
Ana	Lorentz	DLORENTZ	590.423.5567	7-Feb-07	IT_PROG	4200	-	103	60	NaN	F

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In [17]: df[df["SALARY"]==2600]

Out[17]:

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTME
0	198	Donald	OConnell	DOCONNEL	650.507.9833	21-Jun-07	SH_CLERK	2600	-	124	
1	199	Douglas	Grant	DGRANT	650.507.9844	13-Jan-08	SH_CLERK	2600	-	124	
27	118	Guy	Himuro	GHIMURO	515.127.4565	15-Nov-06	PU_CLERK	2600	-	114	

In []: