

```
from google.colab import files
uploaded=files.upload
import pandas as pd
```

Choose Files

facebook.csv.csv

- facebook.csv.csv(text/csv) - 5217014 bytes, last modified: 5/21/2023 - 100% done

Saving facebook.csv.csv to facebook.csv.csv

```
import pandas as pd
import numpy as np

df=pd.read_csv('facebook.csv.csv')
df
```

	userid	age	dob_day	dob_year	dob_month	gender	tenure	friend_count	friendships_initiated
0	2094382	14	19	1999	11	male	266.0	0	0
1	1192601	14	2	1999	11	female	6.0	0	0
2	2083884	14	16	1999	11	male	13.0	0	0
3	1203168	14	25	1999	12	female	93.0	0	0
4	1733186	14	4	1999	12	male	82.0	0	0
...
98998	1268299	68	4	1945	4	female	541.0	2118	341
98999	1256153	18	12	1995	3	female	21.0	1968	1720
99000	1195943	15	10	1998	5	female	111.0	2002	1524
99001	1468023	23	11	1990	4	female	416.0	2560	185
99002	1397896	39	15	1974	5	female	397.0	2049	768


99003 rows × 15 columns




```
df1=df[['userid','age','dob_day']].loc[0:15]
df1
```

	userid	age	dob_day	
0	2094382	14	19	
1	1192601	14	2	
2	2083884	14	16	
3	1203168	14	25	
4	1733186	14	4	
5	1524765	14	1	
6	1136133	13	14	
7	1680361	13	4	
8	1365174	13	1	
9	1712567	13	2	
10	1612453	13	22	
11	2104073	13	1	
12	1918584	13	5	
13	1704433	13	21	
14	1932519	13	28	
15	1751722	13	7	


```
df2=df[['userid','age','dob_day']].loc[16:20]
df2
```

	userid	age	dob_day	
16	1470850	13	30	
17	1001768	13	23	
18	1537661	13	16	
19	1020296	13	13	
20	1472643	13	13	

```
df3=df[['userid','age','dob_day']].loc[21:25]
df3
```

	userid	age	dob_day	
21	2041297	13	22	
22	1514978	13	2	
23	1708962	15	17	
24	1098955	15	3	
25	1001243	15	11	

```
merging=pd.concat([df1,df2,df3])
merging
```

	userid	age	dob_day	
0	2094382	14	19	
1	1192601	14	2	
2	2083884	14	16	
3	1203168	14	25	
4	1733186	14	4	
5	1524765	14	1	
6	1136133	13	14	
7	1680361	13	4	
8	1365174	13	1	
9	1712567	13	2	
10	1612453	13	22	
11	2104073	13	1	
12	1918584	13	5	
13	1704433	13	21	
14	1932519	13	28	
15	1751722	13	7	
16	1470850	13	30	
17	1001768	13	23	
18	1537661	13	16	
19	1020296	13	13	
20	1472643	13	13	
21	2041297	13	22	
22	1514978	13	2	
23	1708962	15	17	
24	1098955	15	3	
25	1001243	15	11	

```
sort=df.sort_values('userid',ascending=False)
sort
```

	userid	age	dob_day	dob_year	dob_month	gender	tenure	friend_count	friendships_initiated
55323	2193542	26	5	1987	2	male	644.0	104	86
67099	2193538	18	7	1995	11	female	8.0	154	119
83587	2193522	22	29	1991	9	male	407.0	313	278
18071	2193499	29	4	1984	12	male	263.0	21	14
49080	2193485	31	24	1982	12	male	598.0	80	30
...
39963	1000059	15	10	1998	5	male	625.0	58	29
45078	1000038	16	25	1997	11	male	170.0	71	29
85170	1000015	108	10	1905	2	female	1067.0	344	79
34353	1000013	61	26	1952	10	female	1856.0	47	28
96639	1000008	14	9	1999	9	female	343.0	1156	233

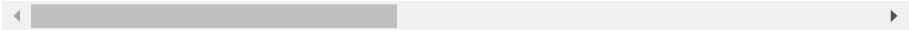
99003 rows × 15 columns



```
df.transpose()
```

	0	1	2	3	4	5	6	
userid	2094382	1192601	2083884	1203168	1733186	1524765	1136133	1680
age	14	14	14	14	14	14	13	
dob_day	19	2	16	25	4	1	14	
dob_year	1999	1999	1999	1999	1999	1999	2000	2000
dob_month	11	11	11	12	12	12	1	
gender	male	female	male	female	male	male	male	female
tenure	266.0	6.0	13.0	93.0	82.0	15.0	12.0	
friend_count	0	0	0	0	0	0	0	
friendships_initiated	0	0	0	0	0	0	0	
likes	0	0	0	0	0	0	0	
likes_received	0	0	0	0	0	0	0	
mobile_likes	0	0	0	0	0	0	0	
mobile_likes_received	0	0	0	0	0	0	0	
www_likes	0	0	0	0	0	0	0	
www_likes_received	0	0	0	0	0	0	0	

15 rows × 99003 columns



```
df.shape
```

(99003, 15)

```
reshaping_arr=np.array([1,2,3,4,5,6])
reshaping_arr.reshape(3,2)
```

```
array([[1, 2],
       [3, 4],
       [5, 6]])
```

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