```
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	168(
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	2
dob_month	11	11	11	12	12	12	1	
gender	male	female	male	female	male	male	male	fe
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]])
```

✓ 0s completed at 10:12 AM