

```
import seaborn as sc

sc.barplot(x=df['Men'], y=df['Women'])

sc.barplot(x=df['Men'])

sc.jointplot(x=df['Men'], y=df['Women'],kind="hex")

print(df.head().to_string(index=False))

print(df)

sc.barplot(x=df['Men'], y=df['Women'])

plt.savefig('barplot.png')
```

	Rank	Major_code	Major	Total	Men	Women	Major_category	ShareWomen	Sample_size	Employed	...	Part_time	Full_time_year_round	Unemployed	Unemployment_rate	Median	P25th	P75th	College
0	1	2419	PETROLEUM ENGINEERING	2339.0	2057.0	282.0	Engineering	0.120564	36	1976	...	270	1207	37	0.018381	110000	95000	125000	
1	2	2416	MINING AND MINERAL ENGINEERING	756.0	679.0	77.0	Engineering	0.101852	7	640	...	170	388	85	0.117241	75000	55000	90000	
2	3	2415	METALLURGICAL ENGINEERING	856.0	725.0	131.0	Engineering	0.153037	3	648	...	133	340	16	0.024096	73000	50000	105000	
3	4	2417	NAVAL ARCHITECTURE AND MARINE ENGINEERING	1258.0	1123.0	135.0	Engineering	0.107313	16	758	...	150	692	40	0.050125	70000	43000	80000	
4	5	2405	CHEMICAL ENGINEERING	32260.0	21239.0	11021.0	Engineering	0.341631	289	25694	...	5180	16697	1672	0.061098	65000	50000	75000	

5 rows x 21 columns

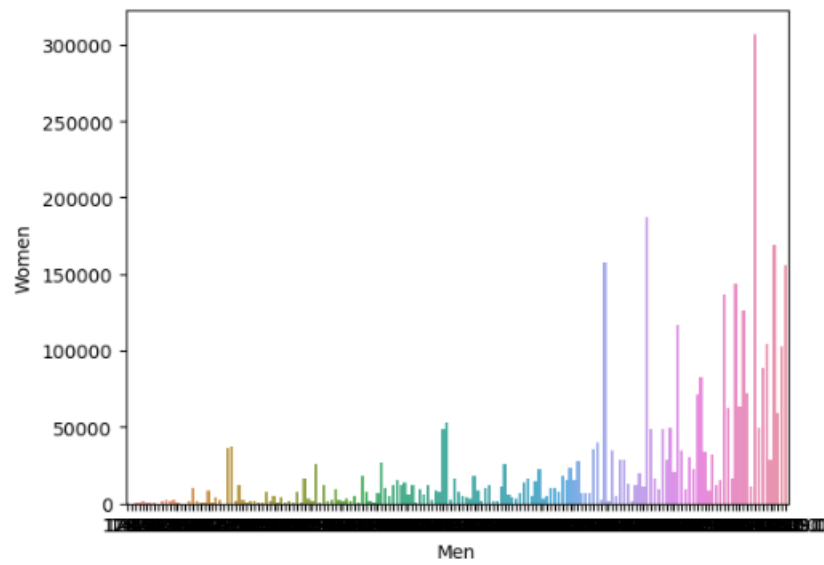
```
In [ ]: df.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 173 entries, 0 to 172
Data columns (total 21 columns):
#   Column              Non-Null Count  Dtype
---  ---
0   Rank                173 non-null    int64
1   Major_code          173 non-null    int64
2   Major               173 non-null    object
3   Total               172 non-null    float64
4   Men                 172 non-null    float64
5   Women               172 non-null    float64
6   Major_category      173 non-null    object
7   ShareWomen          172 non-null    float64
8   Sample_size         173 non-null    int64
9   Employed            173 non-null    int64
10  Full_time           173 non-null    int64
11  Part_time           173 non-null    int64
12  Full_time_year_round 173 non-null    int64
13  Unemployed          173 non-null    int64
14  Unemployment_rate    173 non-null    float64
15  Median              173 non-null    int64
16  P25th               173 non-null    int64
17  P75th               173 non-null    int64
18  College_jobs         173 non-null    int64
19  Non_college_jobs     173 non-null    int64
20  Low_wage_jobs        173 non-null    int64
dtypes: float64(5), int64(14), object(2)
memory usage: 28.5+ KB
```

	Rank	Major_code	Major	Total	Men	Women	Major_category	ShareWomen	Sample_size	Employed	...	Part_time	Full_time_year_round	Unemployed	Unemployment_rate	Median	P25th	P75th	College
168	169	3609	ZOOLOGY	8409.0	3050.0	5359.0	Biology & Life Science	0.637293	47	6259	...	2190	3602	304	0.046320	26000	20000	39000	
169	170	5201	EDUCATIONAL PSYCHOLOGY	2854.0	522.0	2332.0	Psychology & Social Work	0.817099	7	2125	...	572	1211	148	0.065112	25000	24000	34000	
170	171	5202	CLINICAL PSYCHOLOGY	2838.0	568.0	2270.0	Psychology & Social Work	0.799859	13	2101	...	648	1293	368	0.149048	25000	25000	40000	
171	172	5203	COUNSELING PSYCHOLOGY	4626.0	931.0	3695.0	Psychology & Social Work	0.798746	21	3777	...	965	2738	214	0.053621	23400	19200	26000	
172	173	3501	LIBRARY SCIENCE	1098.0	134.0	964.0	Education	0.877960	2	742	...	237	410	87	0.104946	22000	20000	22000	

5 rows x 21 columns

```
[20]: <Axes: xlabel='Men', ylabel='Women'>
```



```
[21]: sc.barplot(x=df['Men'])
```

```
[21]: <Axes: xlabel='Men'>
```

