

```
import seaborn as sns
%matplotlib inline

df=sns.load_dataset('tips')
df
```

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
...	...	...	...	...	...	...	...
239	29.03	5.92	Male	No	Sat	Dinner	3
240	27.18	2.00	Female	Yes	Sat	Dinner	2
241	22.67	2.00	Male	Yes	Sat	Dinner	2
242	17.82	1.75	Male	No	Sat	Dinner	2
243	18.78	3.00	Female	No	Thur	Dinner	2

244 rows × 7 columns

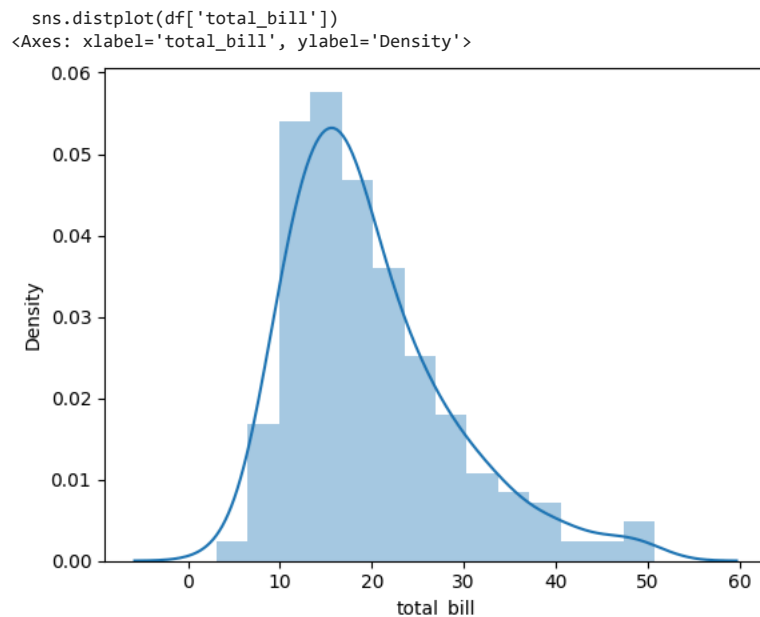
```
sns.distplot(df['total_bill'])
```

<ipython-input-7-08d2c75decc2>:1: UserWarning:


`distplot` is a deprecated function and will be removed in seaborn v0.14.0.

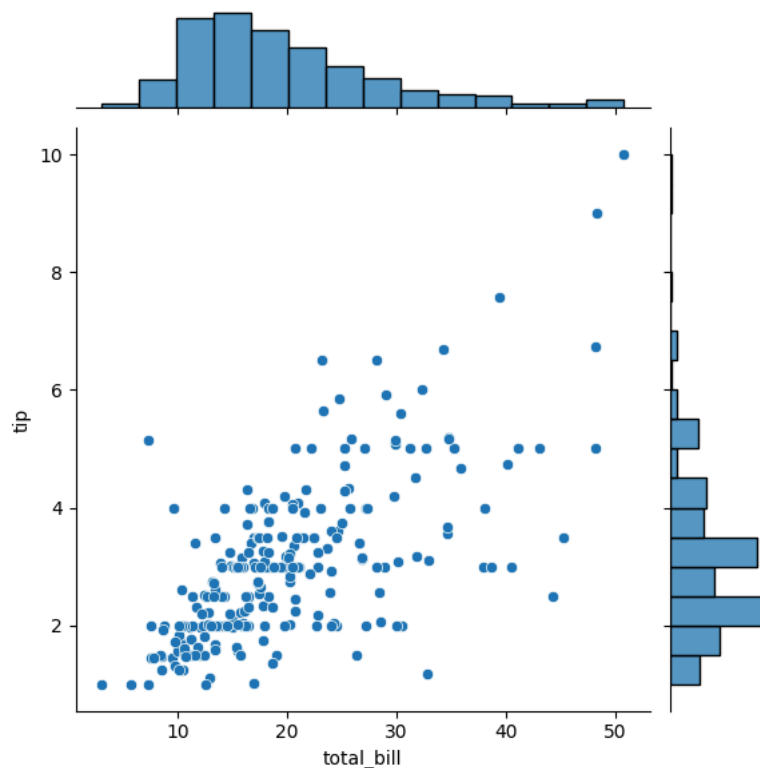
Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see <https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751>



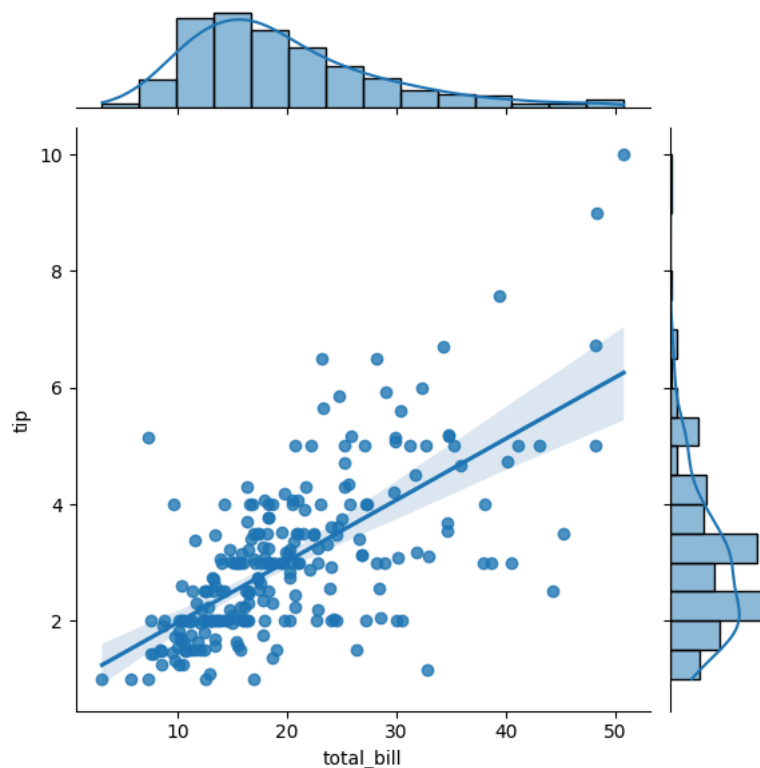
```
sns.jointplot(x='total_bill',y='tip',data=df,kind='scatter')
```

 <seaborn.axisgrid.JointGrid at 0x7af575e46140>



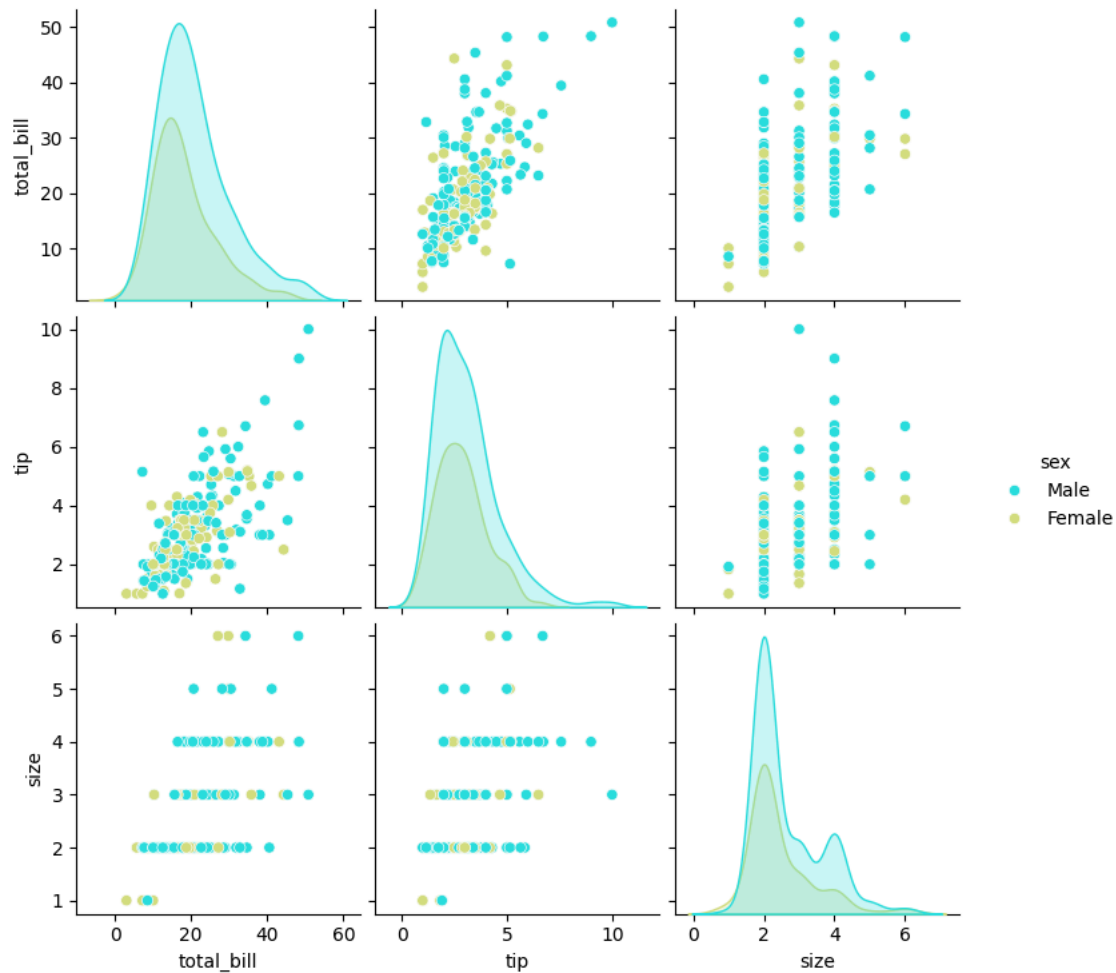
```
sns.jointplot(x='total_bill',y='tip',data=df,kind='reg')
```

 <seaborn.axisgrid.JointGrid at 0x7af57154aaa0>



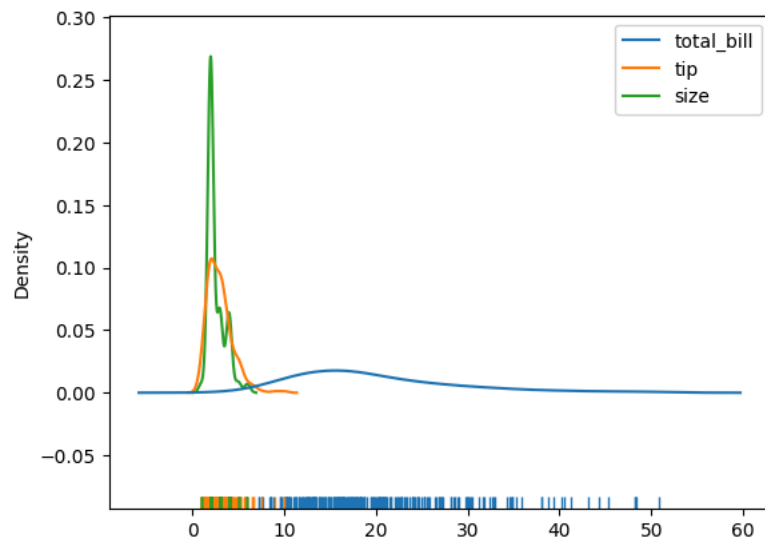
```
sns.pairplot(df,hue='sex',palette='rainbow')
```

```
<seaborn.axisgrid.PairGrid at 0x7af56efdd090>
```




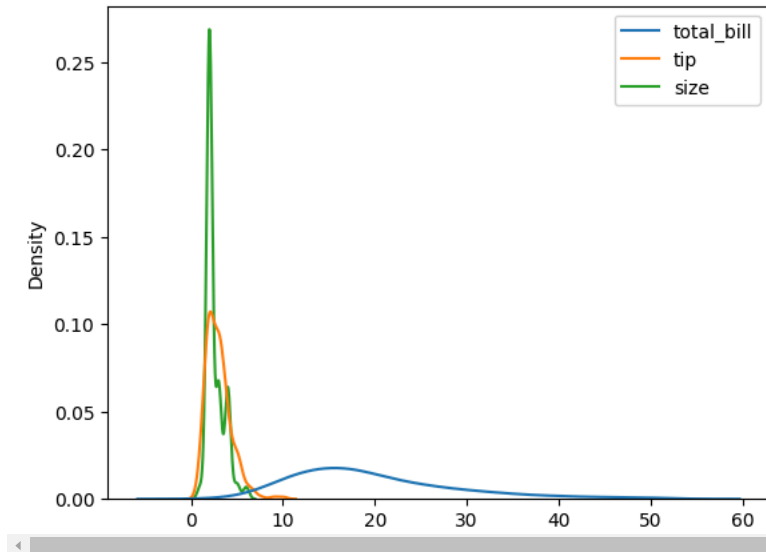
```
sns.rugplot(df)
```

```
<Axes: ylabel='Density'>
```




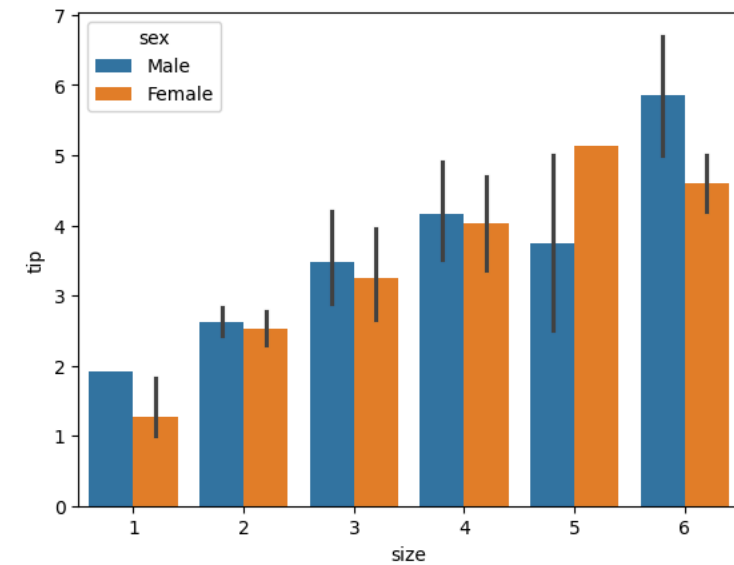
```
sns.kdeplot(df)
```

 <Axes: ylabel='Density'>



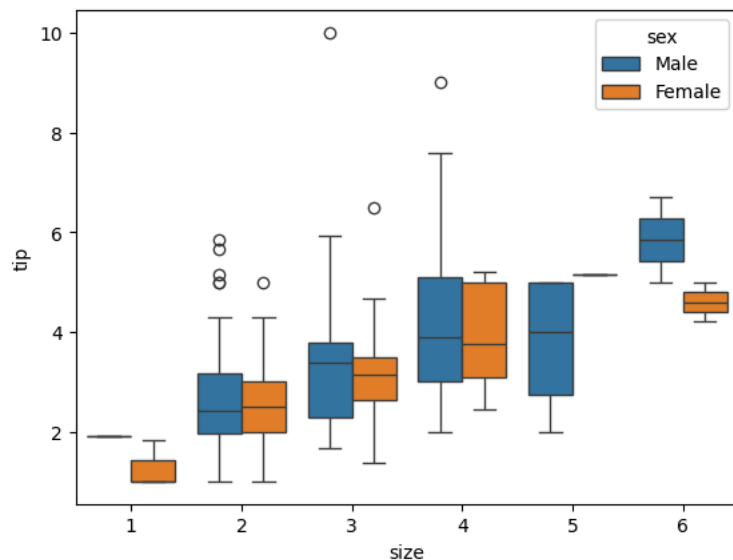
```
sns.barplot(x='size',y='tip',data=df,hue='sex')
```

 <Axes: xlabel='size', ylabel='tip'>



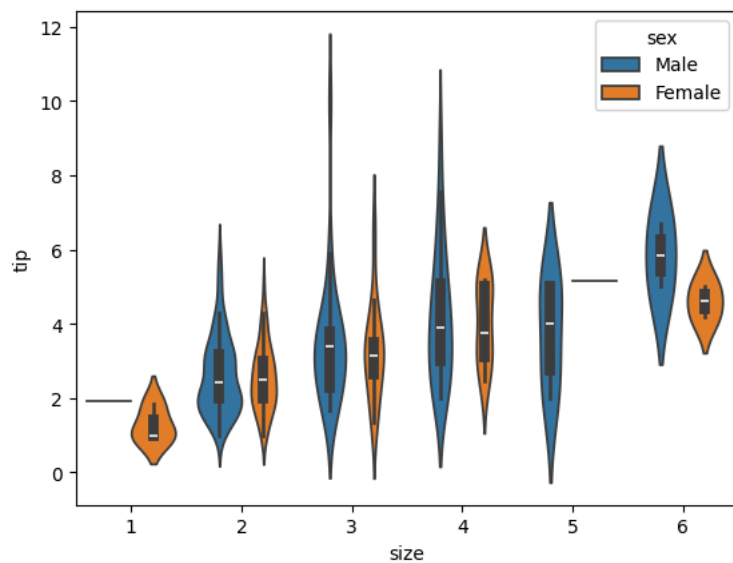
```
sns.boxplot(x='size',y='tip',data=df,hue='sex')
```

<Axes: xlabel='size', ylabel='tip'>



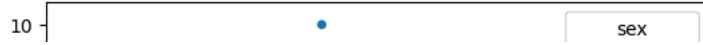
```
sns.violinplot(x='size',y='tip',data=df,hue='sex')
```

<Axes: xlabel='size', ylabel='tip'>



```
sns.swarmplot(x='size',y='tip',data=df,hue='sex')
```

```
→ /usr/local/lib/python3.10/dist-packages/seaborn/categorical.py:3398: UserWarning: 30.8% of the points cannot be placed; you may want to
warnings.warn(msg, UserWarning)
<Axes: xlabel='size', ylabel='tip'>
/usr/local/lib/python3.10/dist-packages/seaborn/categorical.py:3398: UserWarning: 31.4% of the points cannot be placed; you may want to
warnings.warn(msg, UserWarning)
```



```
sns.stripplot(x='size',y='tip',data=df,hue='sex')
```

```
→ <Axes: xlabel='size', ylabel='tip'>
```

