In [27]:
```
import seaborn as sns
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
```

In [18]:
```
plt.style.use('fivethirtyeight')
```

In [19]:
```
data=sns.load_dataset('tips')
```

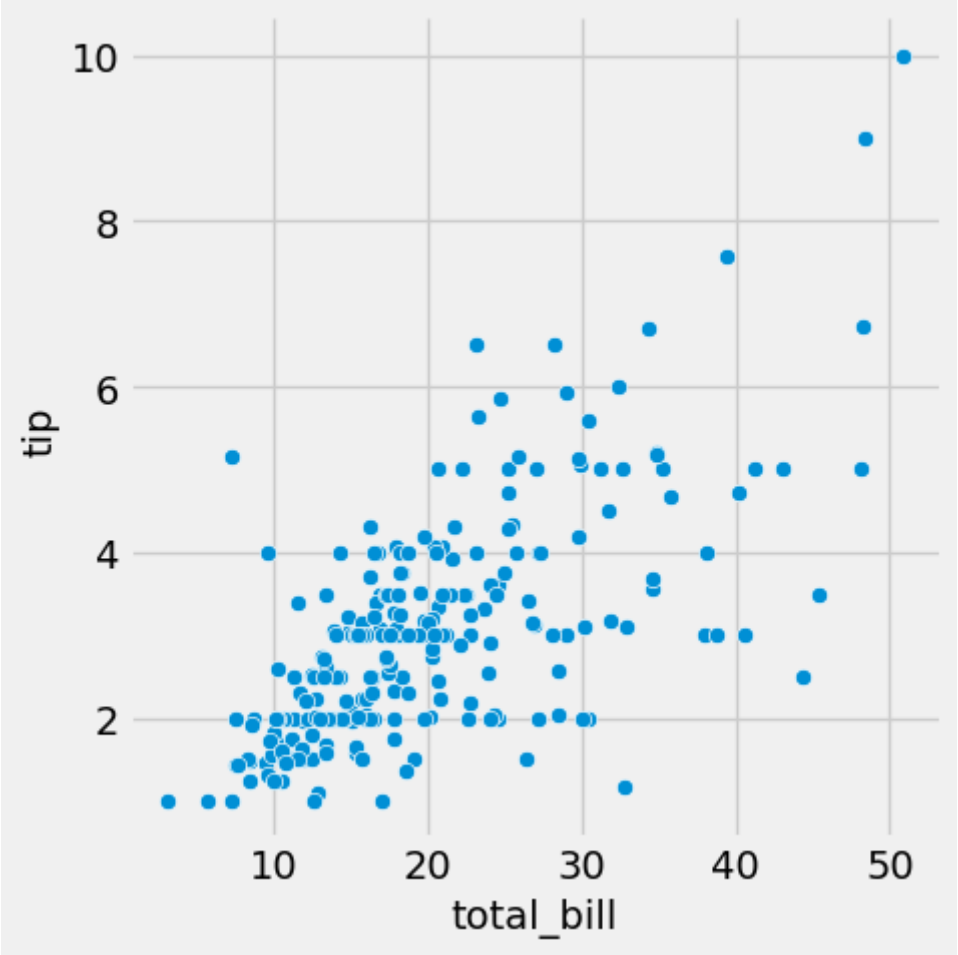
In [20]:
```
data.head()
```

Out[20]:

| | 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 |

In [21]:
```
sns.relplot(x="total_bill",y='tip',kind='scatter',data=data)
```

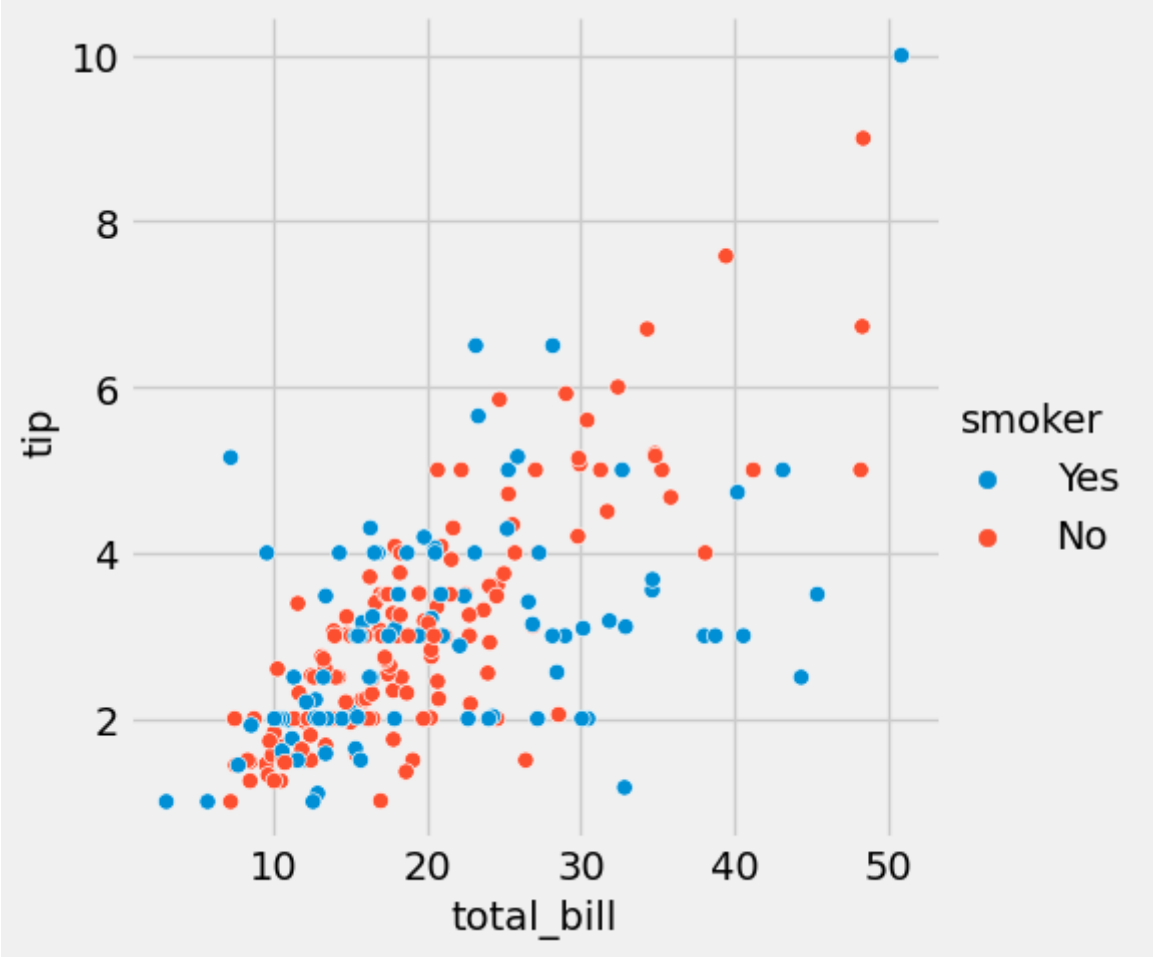
Out[21]:
```
<seaborn.axisgrid.FacetGrid at 0x2046a81c2b0>
```




# hue parameter

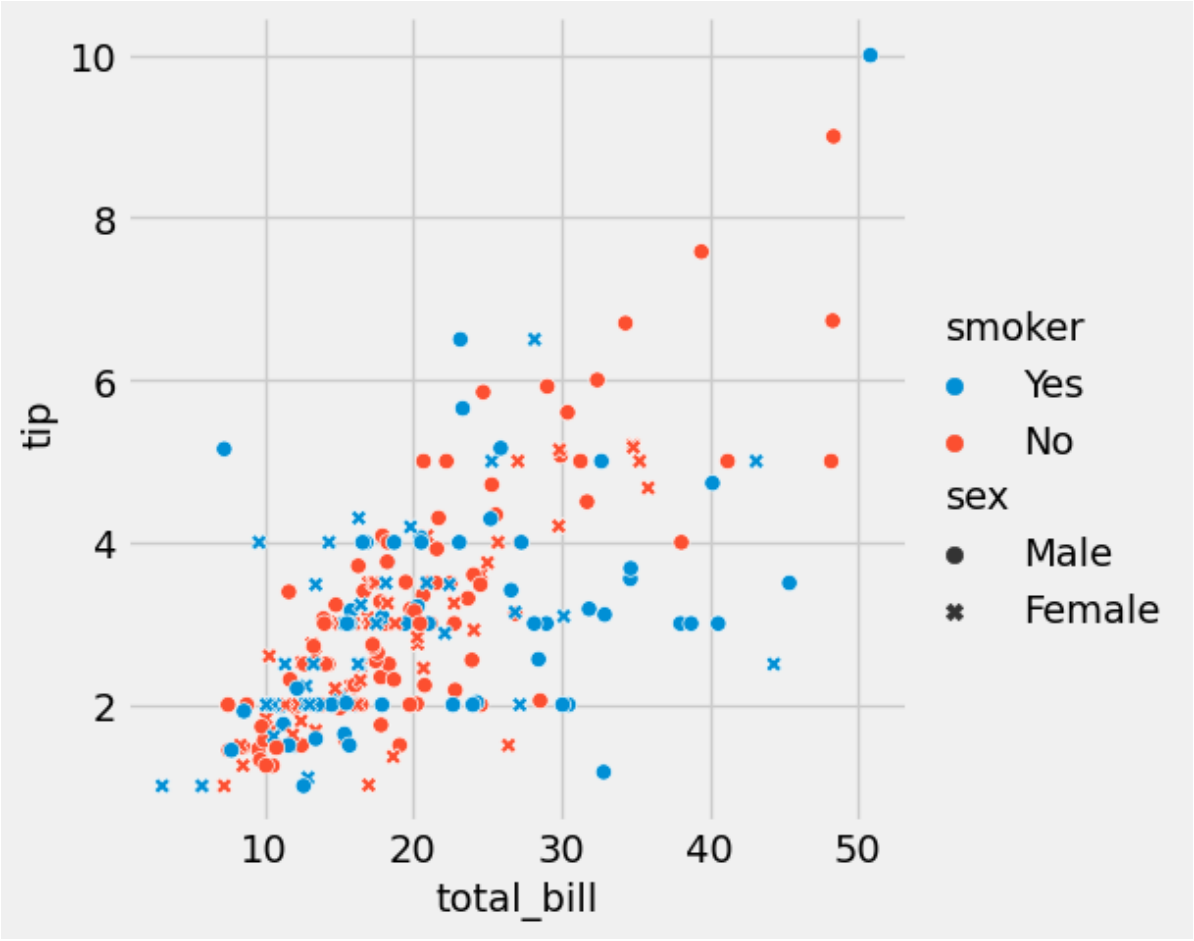
In [22]:
```
sns.relplot(x="total_bill",y='tip',hue= 'smoker' ,kind='scatter',data=data)
```

Out[22]:
```
<seaborn.axisgrid.FacetGrid at 0x2046478b310>
```




In [23]:
```
sns.relplot(x="total_bill",y='tip',hue= 'smoker' ,style='sex',kind='scatter',data=
```

Out[23]:
```
<seaborn.axisgrid.FacetGrid at 0x2046a95eda0>
```




In [24]:
```
sns.relplot(x="total_bill",y='tip',hue= 'smoker' ,size='size',style='sex',kind='sc
```

Out[24]:
```
<seaborn.axisgrid.FacetGrid at 0x2046c82a320>
```