Jointplot

Jointplot create a multi-panel figure that shows both the bivariate (or joint) relationship between two variables along with the univariate (or marginal) distribution of each on separate axes.

We can use Jointplot in the following 4 manners:

1. ScatterPlots
2. HexbinPlots
3. KdePlots
4. RegPlot

In [1]:
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

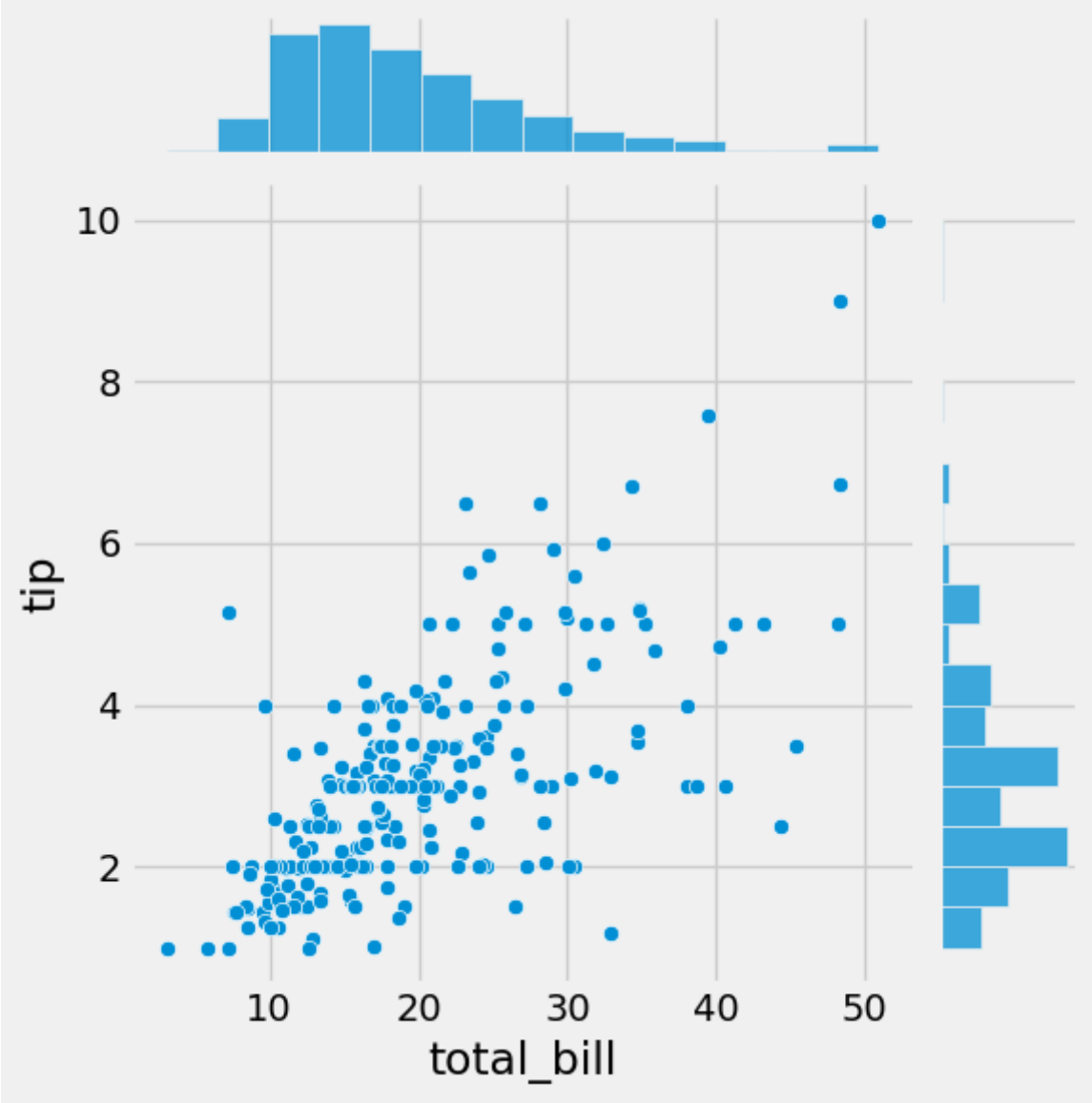
In [3]:
```
plt.style.use('fivethirtyeight')
```

In [4]:
```
flights=sns.load_dataset('flights')
```

In [5]:
```
tips=sns.load_dataset('tips')
```

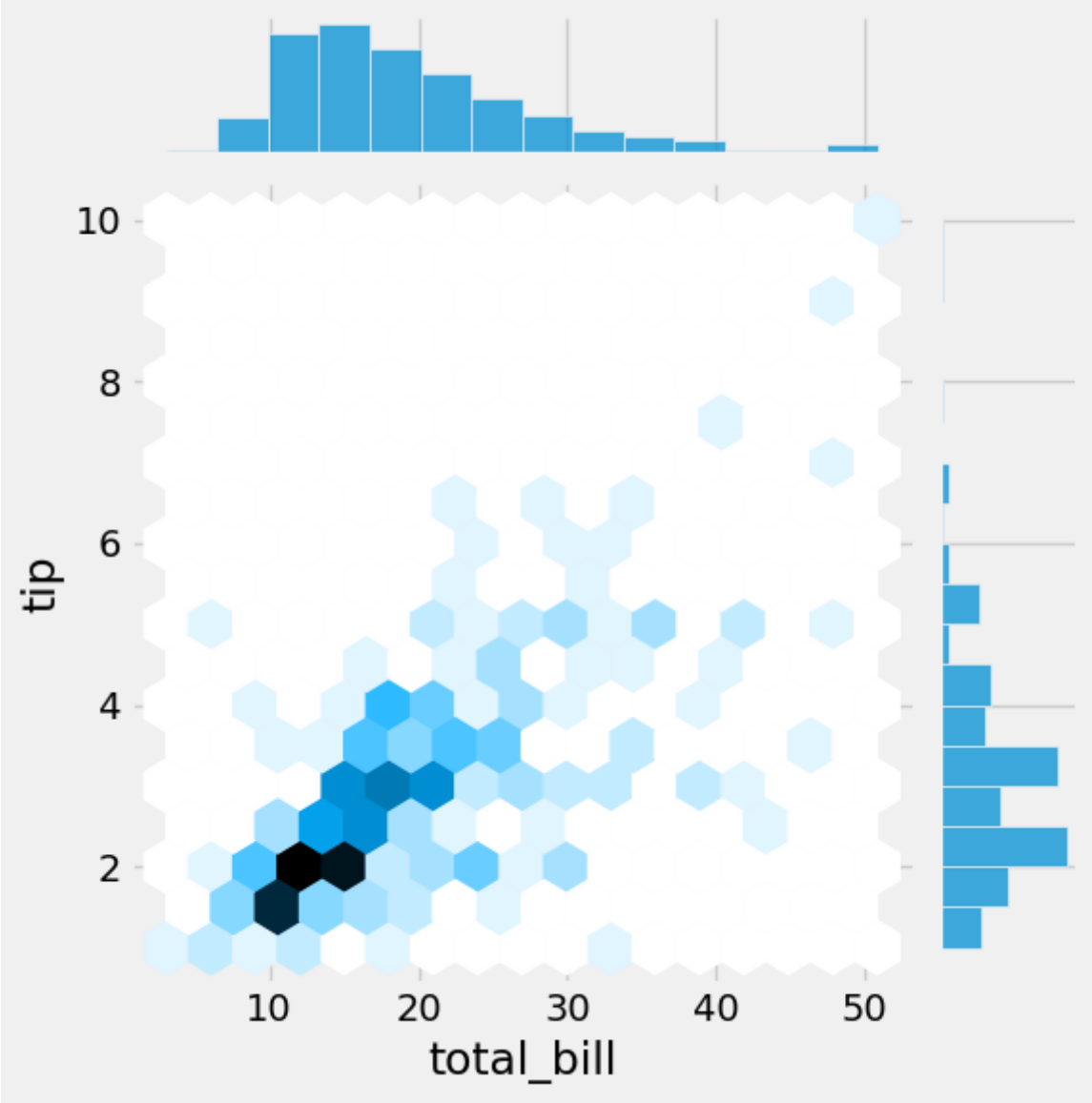
In [6]:
```
sns.jointplot(x='total_bill', y='tip', data=tips)
```

Out[6]:
```
<seaborn.axisgrid.JointGrid at 0x22afa6bc760>
```



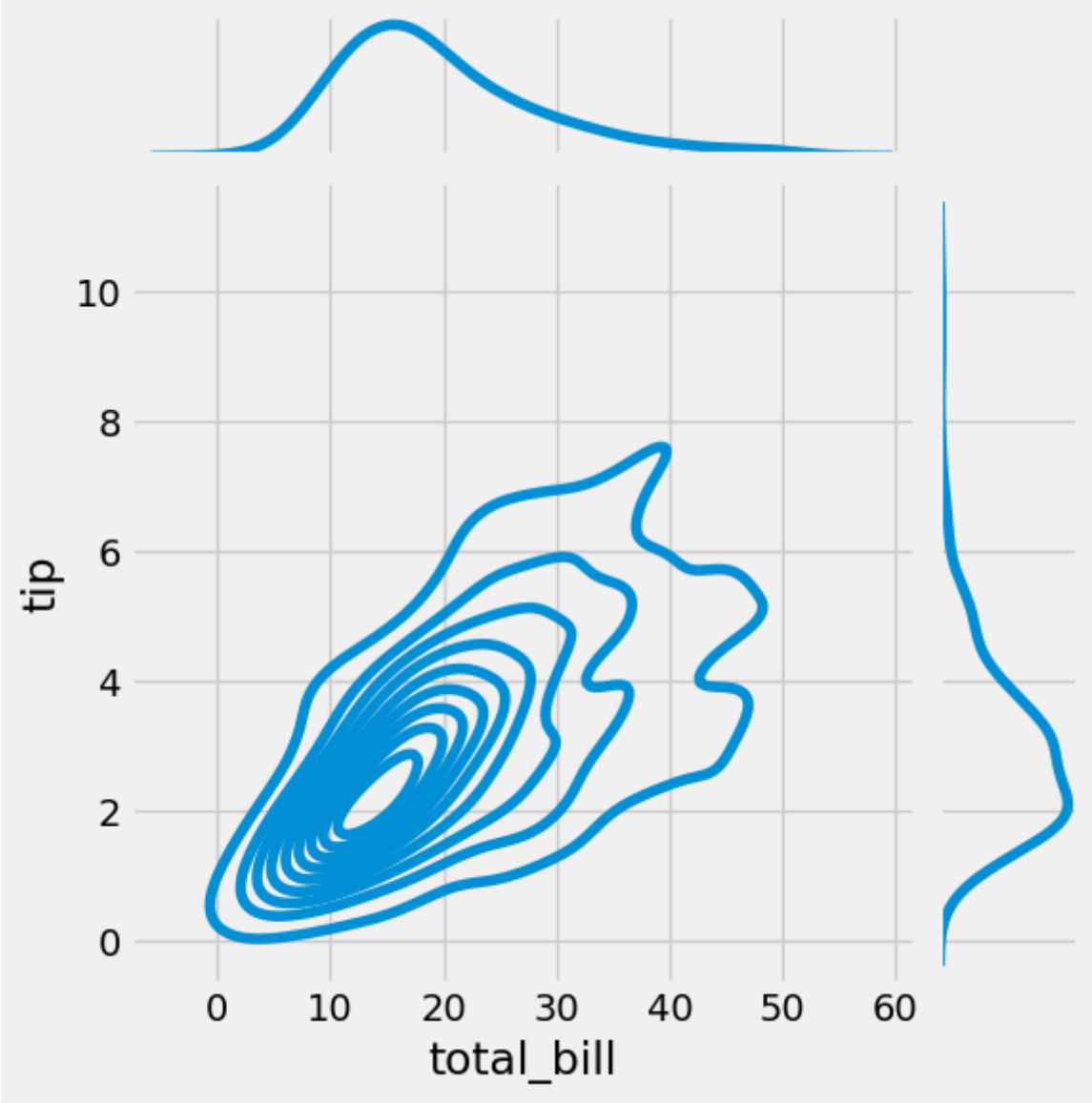
In [8]:
```
sns.jointplot(x='total_bill', y='tip', kind='hex', data=tips)
```

Out[8]:
```
<seaborn.axisgrid.JointGrid at 0x22afb18d8d0>
```



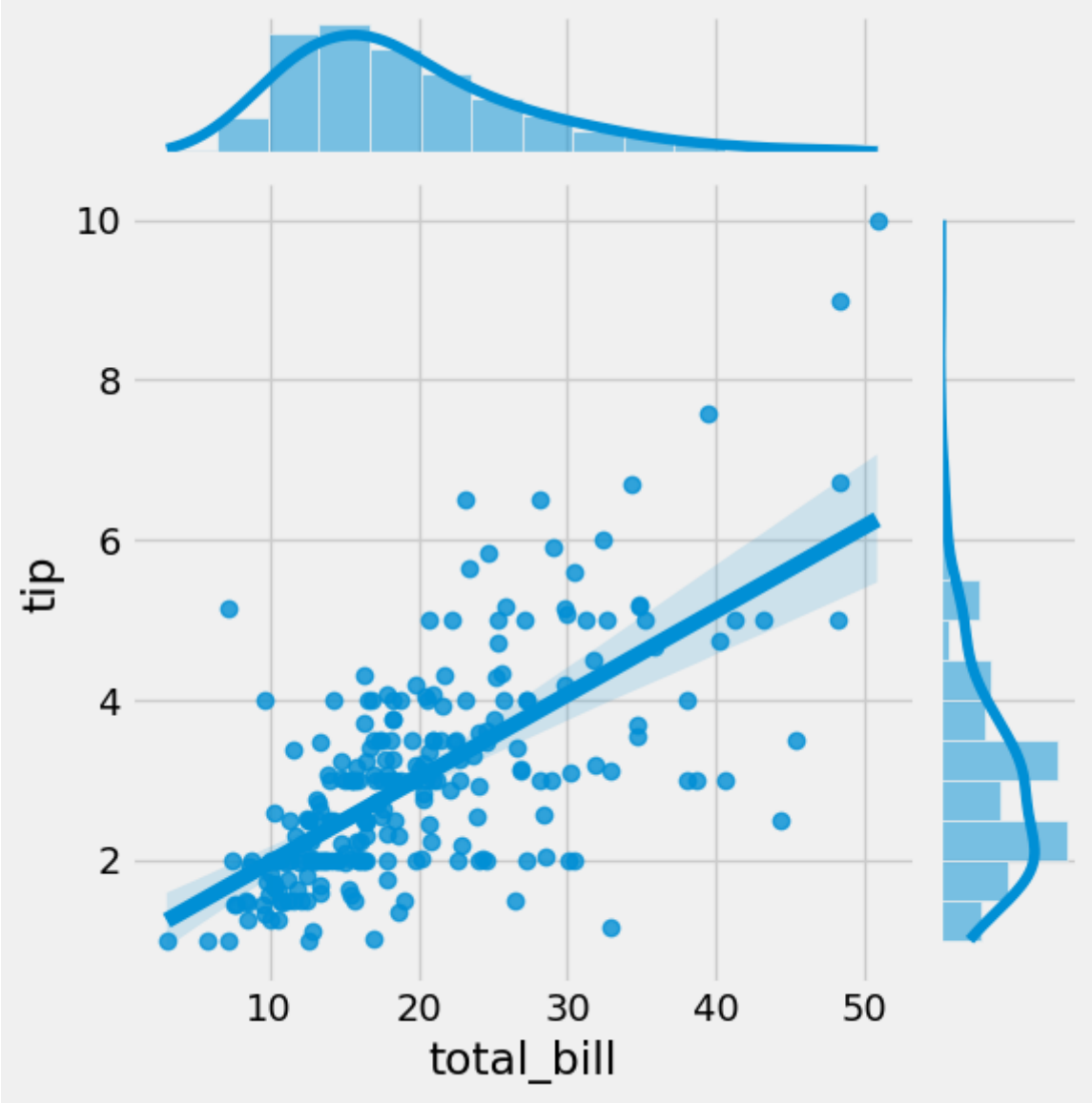
In [10]:
```
sns.jointplot(x='total_bill', y='tip', kind='kde', data=tips)
```

Out[10]:
```
<seaborn.axisgrid.JointGrid at 0x22affe044c0>
```



In [11]:
```
sns.jointplot(x='total_bill', y='tip', kind='reg', data=tips)
```

Out[11]:
```
<seaborn.axisgrid.JointGrid at 0x22a80909d80>
```



In [ ]: