Distribution Plots

- distplot()
- jointplot()
- pairplot()
- rugplot()
- kdeplot()

In [ ]:
```
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd
import warnings
%matplotlib inline
warnings.filterwarnings("ignore")
```

In [ ]:
```
sns.set(rc={"figure.figsize": (3, 3)})
sns.set_style('ticks')
```

loading dataset

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

distplot()

In [ ]:
```
sns.distplot(tips['total_bill'])
```

In [ ]:
```
sns.distplot(tips['total_bill'],kde=False,bins=30)
```

jointplot()

In [ ]:
```
# scatter
sns.jointplot(x='total_bill',y='tip',data=tips,kind='scatter',edgecolor='k')
```

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

pairplot()

In [ ]:
```
sns.pairplot(tips)
```

In [ ]:
```
sns.pairplot(tips,hue='sex',palette='viridis')
```

rugplot()

draw a dash mark for every point on a univariate distribution.

In [ ]:
```
sns.rugplot(tips['total_bill'])
```

kdeplot()

In [ ]:
```
sns.kdeplot(tips['total_bill'])
```

In [ ]:
```

```