

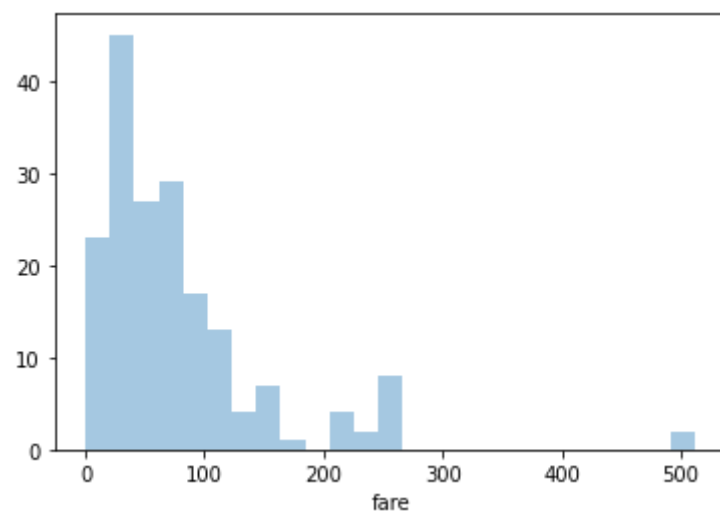
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns

dataset = sns.load_dataset('titanic')
dataset.head()
```

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	deck	embark_town	alive
0	0	3	male	22.0	1	0	7.2500	S	Third	man	True	NaN	Southampton	no
1	1	1	female	38.0	1	0	71.2833	C	First	woman	False	C	Cherbourg	yes
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	False	NaN	Southampton	yes
3	1	1	female	35.0	1	0	53.1000	S	First	woman	False	C	Southampton	yes
4	0	3	male	35.0	0	0	8.0500	S	Third	man	True	NaN	Southampton	no

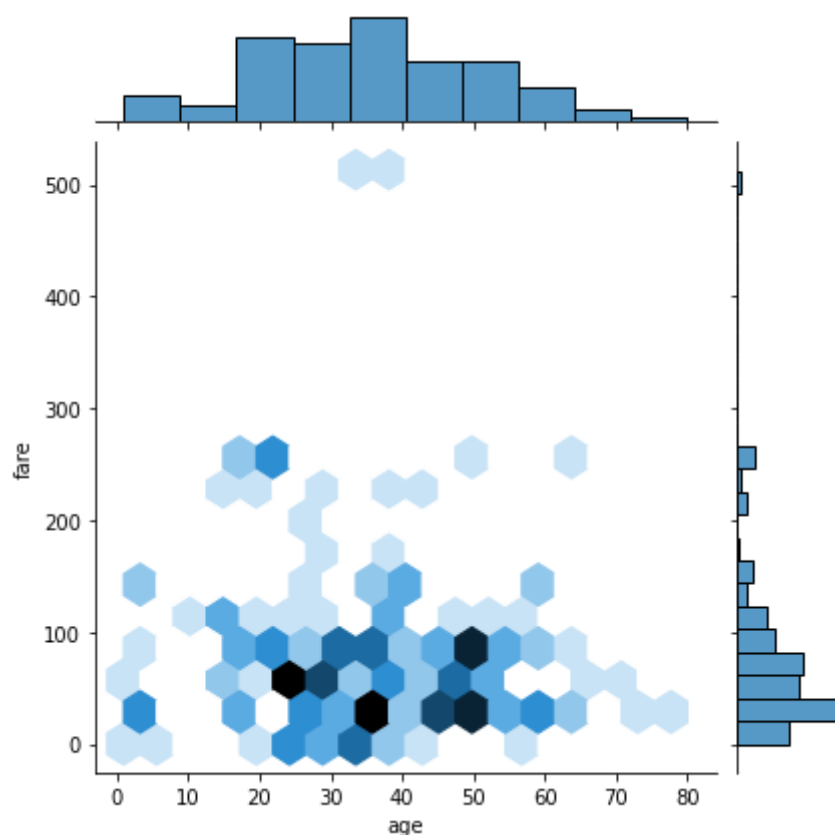
```
#The Dist Plot
sns.distplot(dataset['fare'], kde=False)
```

```
/usr/local/lib/python3.7/dist-packages/seaborn/distributions.py:2619: FutureWarning: `distplot` is a deprecated function
warnings.warn(msg, FutureWarning)
<matplotlib.axes._subplots.AxesSubplot at 0x7f9374c5a4d0>
```



```
#The Joint Plot
sns.jointplot(x='age', y='fare', data=dataset, kind='hex')
```

```
<seaborn.axisgrid.JointGrid at 0x7f9374b8c990>
```

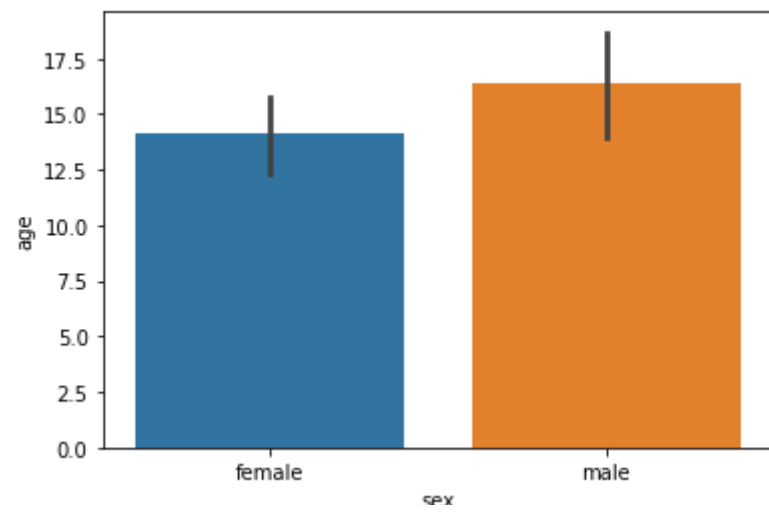


```
dataset = dataset.dropna()
```

```
#The Bar Plot
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

```
sns.barplot(x='sex', y='age', data=dataset, estimator=np.std)
```

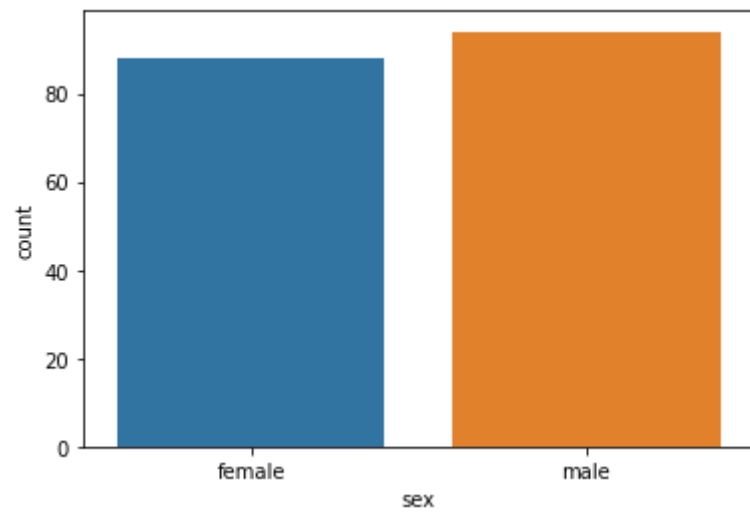
```
<matplotlib.axes._subplots.AxesSubplot at 0x7f9378097dd0>
```



#The Count Plot

```
sns.countplot(x='sex', data=dataset)
```

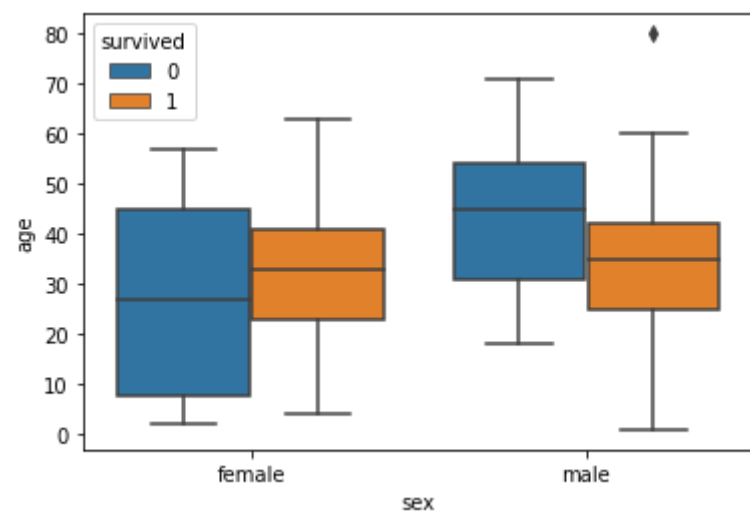
```
<matplotlib.axes._subplots.AxesSubplot at 0x7f93750865d0>
```



#The Box Plot

```
sns.boxplot(x='sex', y='age', data=dataset, hue="survived")
```

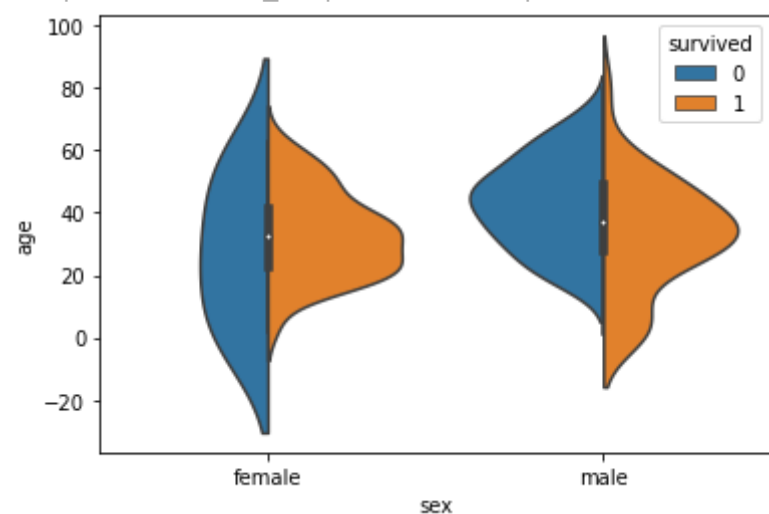
```
<matplotlib.axes._subplots.AxesSubplot at 0x7f937506bd90>
```



#The Violin Plot

```
sns.violinplot(x='sex', y='age', data=dataset, hue='survived', split=True)
```

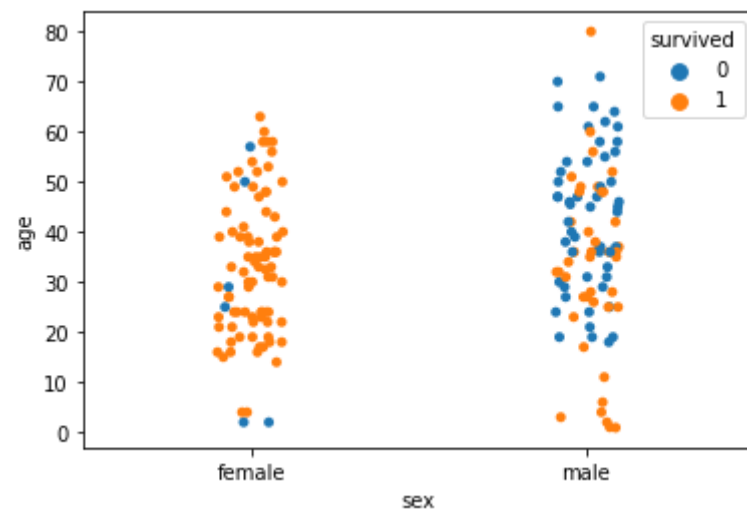
```
<matplotlib.axes._subplots.AxesSubplot at 0x7f9375073cd0>
```



#The Strip Plot

```
sns.stripplot(x='sex', y='age', data=dataset, jitter=True, hue='survived')
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f9374f41fd0>
```



```
#The Swarm Plot  
sns.swarmplot(x='sex', y='age', data=dataset, hue='survived')
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f9374e4d450>
```

