In [9]:
```
import pandas as pd
import numpy as np
import seaborn as sb
import matplotlib.pyplot as plt

a = sb.load_dataset("titanic")
a.head(5)
```

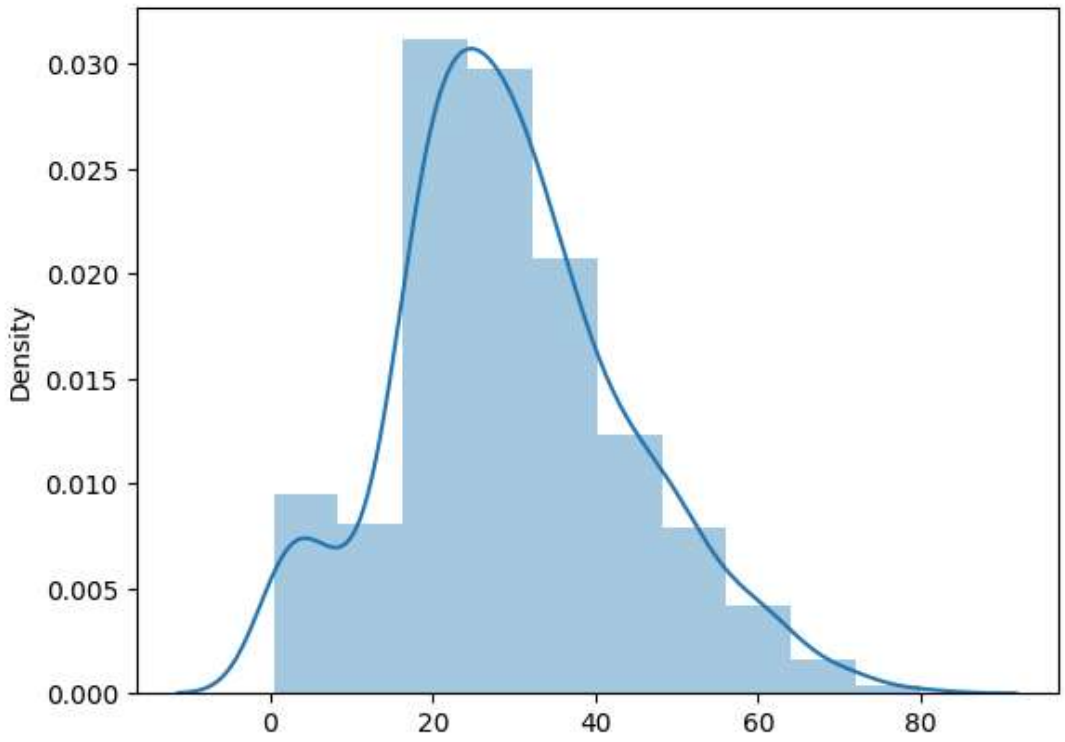
Out[9]:

| | survived | pclass | sex | age | sibsp | parch | fare | embarked | class | who | adult_mal |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0** | 0 | 3 | male | 22.0 | 1 | 0 | 7.2500 | S | Third | man | True |
| **1** | 1 | 1 | female | 38.0 | 1 | 0 | 71.2833 | C | First | woman | False |
| **2** | 1 | 3 | female | 26.0 | 0 | 0 | 7.9250 | S | Third | woman | False |
| **3** | 1 | 1 | female | 35.0 | 1 | 0 | 53.1000 | S | First | woman | False |
| **4** | 0 | 3 | male | 35.0 | 0 | 0 | 8.0500 | S | Third | man | True |

In [10]:
```
sb.distplot(x = a['age'], bins = 10)
```

```
C:\Users\darsh\AppData\Local\Temp\ipykernel_17600\1531707719.py:1: UserWar
ning:

`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 wi
th
similar flexibility) or `histplot` (an axes-level function for histogram
s).

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

  sb.distplot(x = a['age'], bins = 10)
```

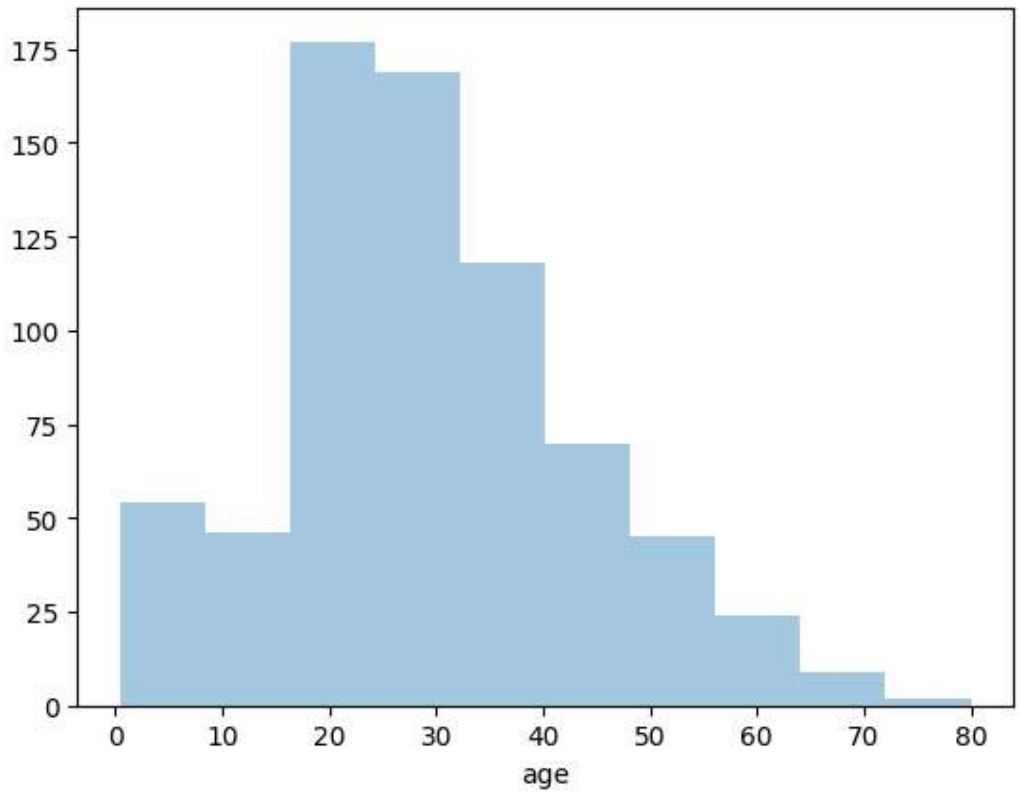
Out[10]:
```
<Axes: ylabel='Density'>
```



In [11]:
```
sb.distplot(a['age'], bins = 10,kde=False)
```

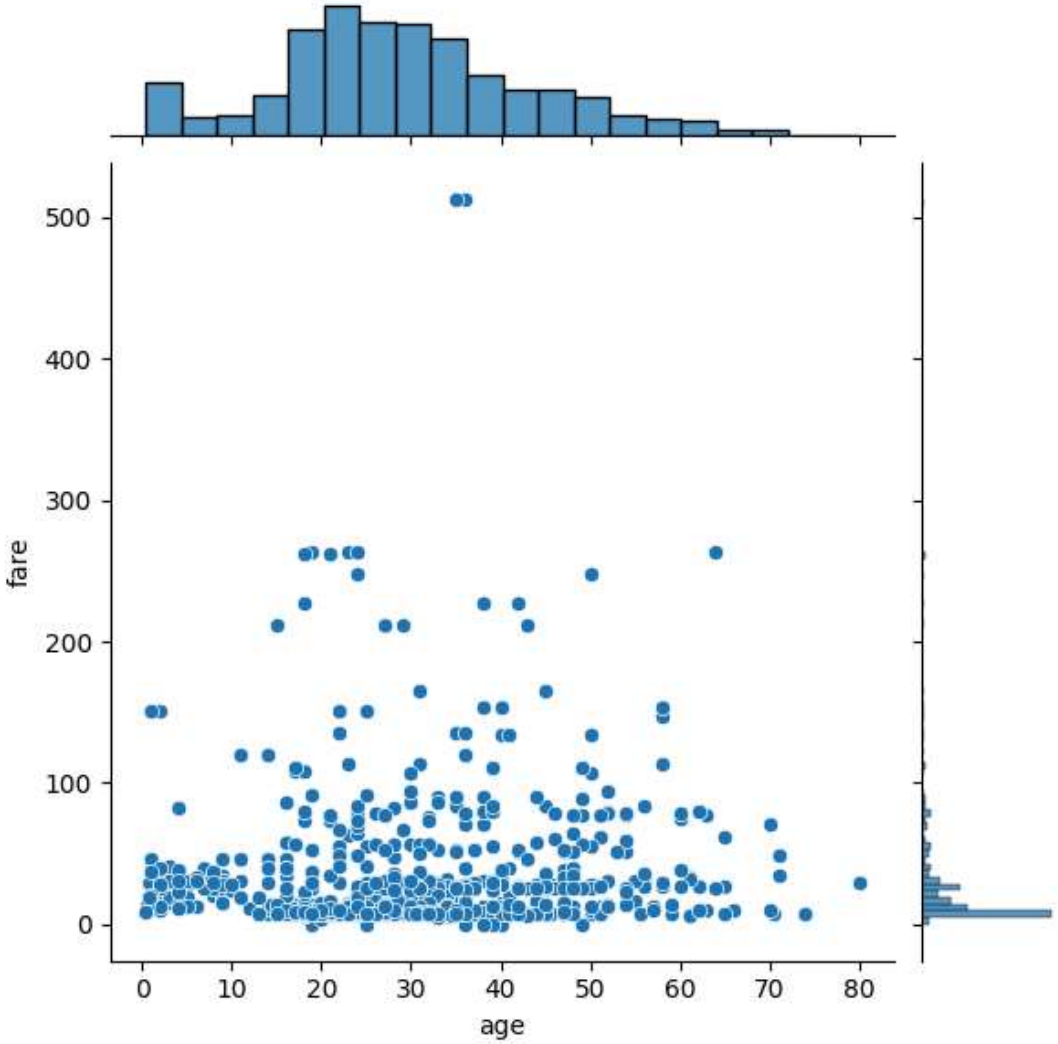
```
C:\Users\darsh\AppData\Local\Temp\ipykernel_17600\4092482530.py:1: UserWar
ning:

`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 wi
th
similar flexibility) or `histplot` (an axes-level function for histogram
s).

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

  sb.distplot(a['age'], bins = 10,kde=False)
```

Out[11]: <Axes: xlabel='age'>



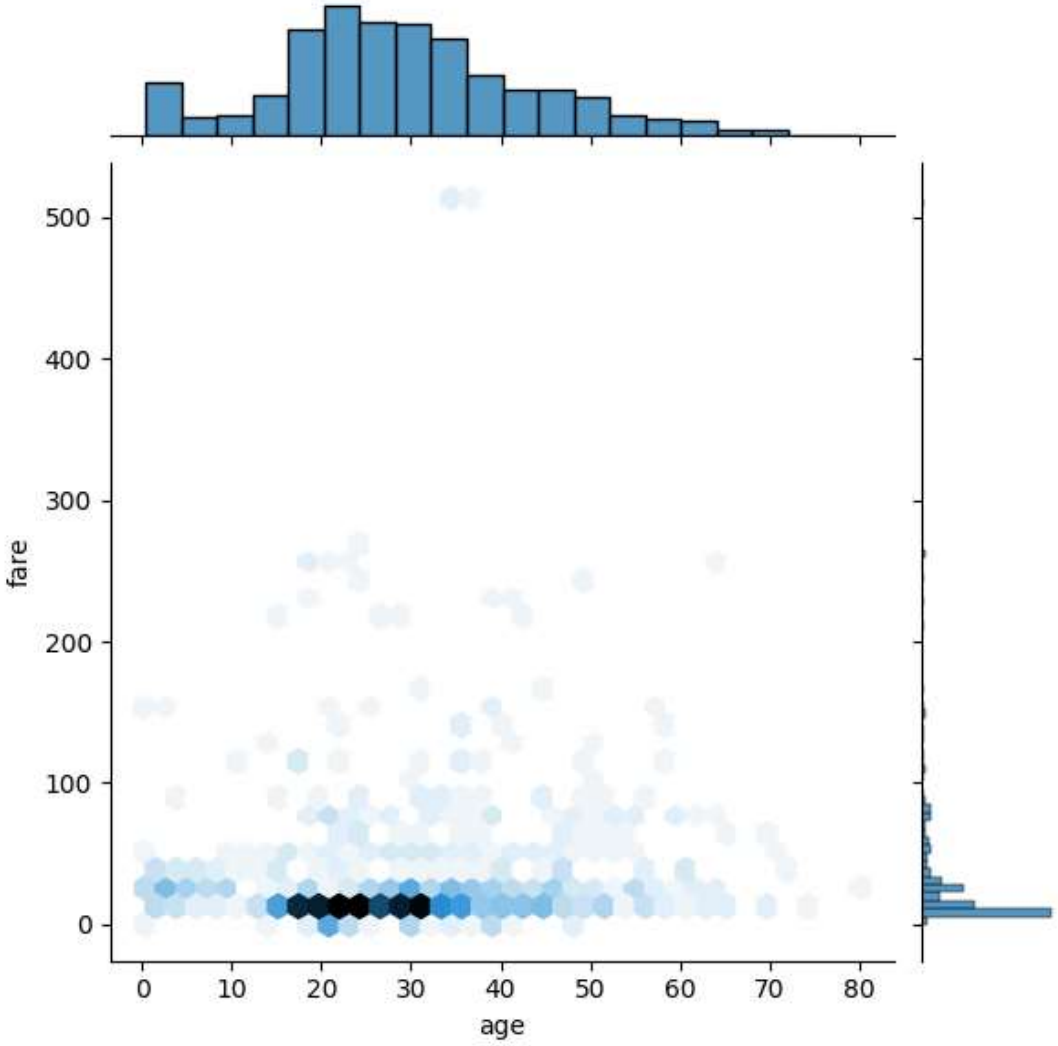
In [12]:
```
sb.jointplot(x = a['age'], y = a['fare'], kind =
'scatter')
```

Out[12]: <seaborn.axisgrid.JointGrid at 0x21f4f2af290>



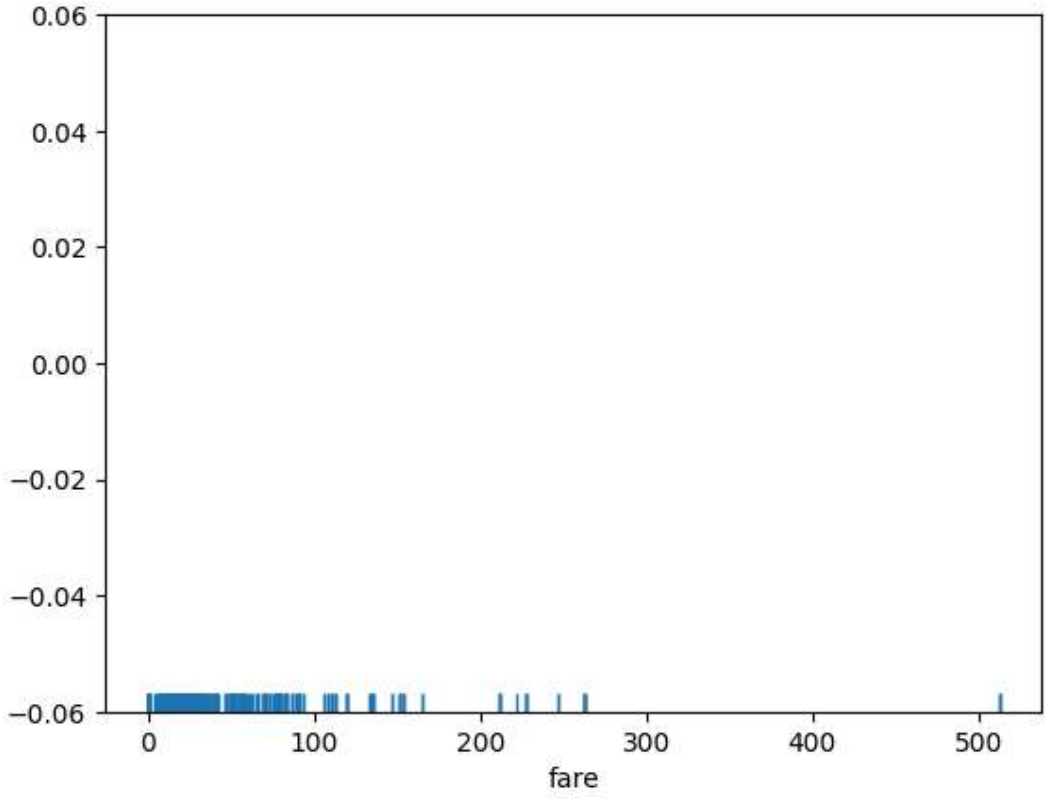
In [13]:
```
sb.jointplot(x = a['age'], y = a['fare'], kind = 'hex')
```

Out[13]:
```
<seaborn.axisgrid.JointGrid at 0x21f4f347110>
```



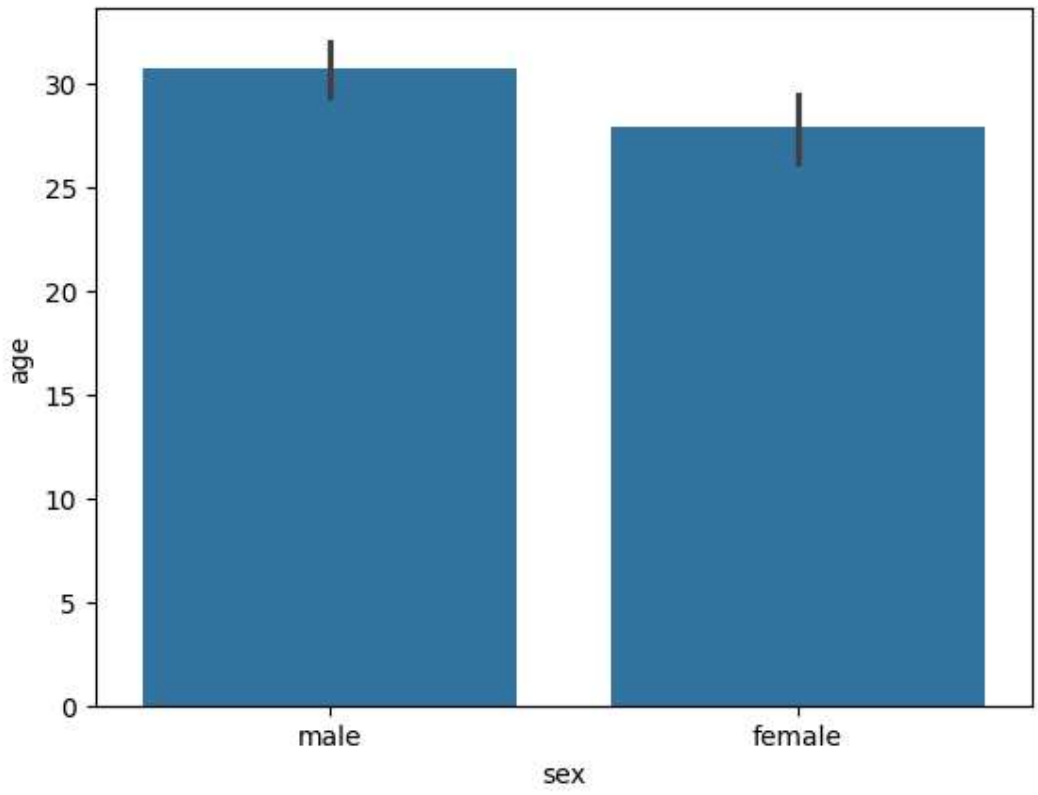
In [14]:
```
sb.rugplot(a['fare'])
```

Out[14]: <Axes: xlabel='fare'>



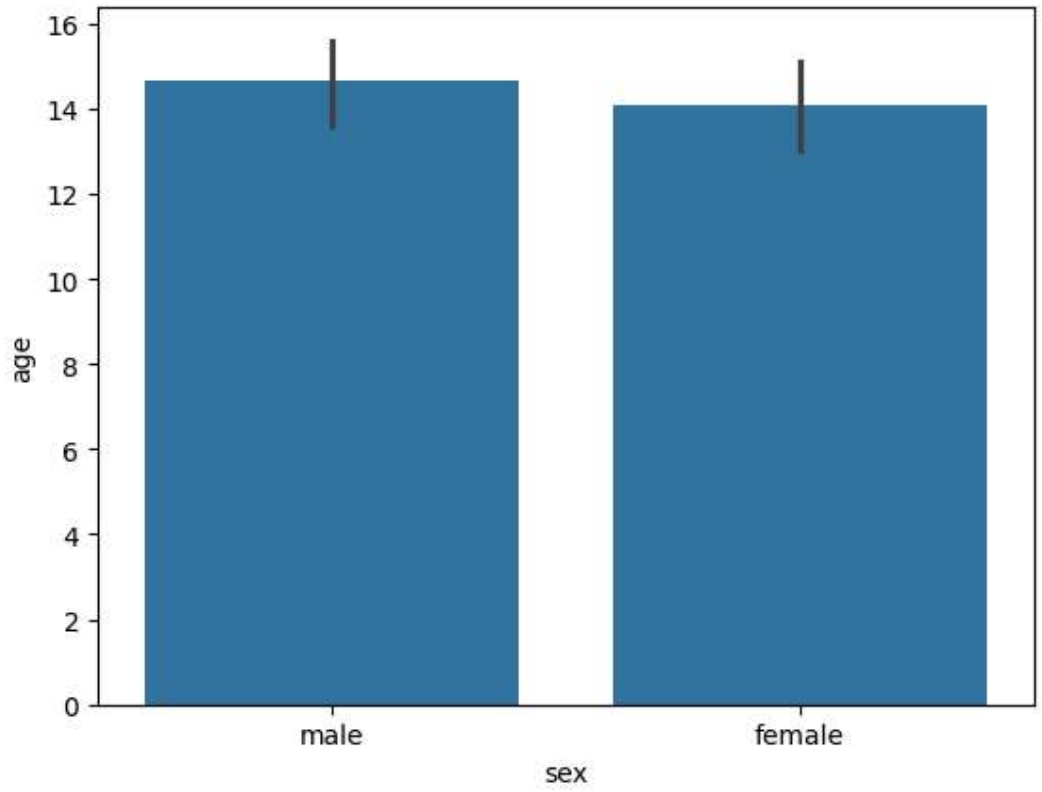

In [15]:
```
sb.barplot(x='sex', y='age', data=a)
```

Out[15]: <Axes: xlabel='sex', ylabel='age'>



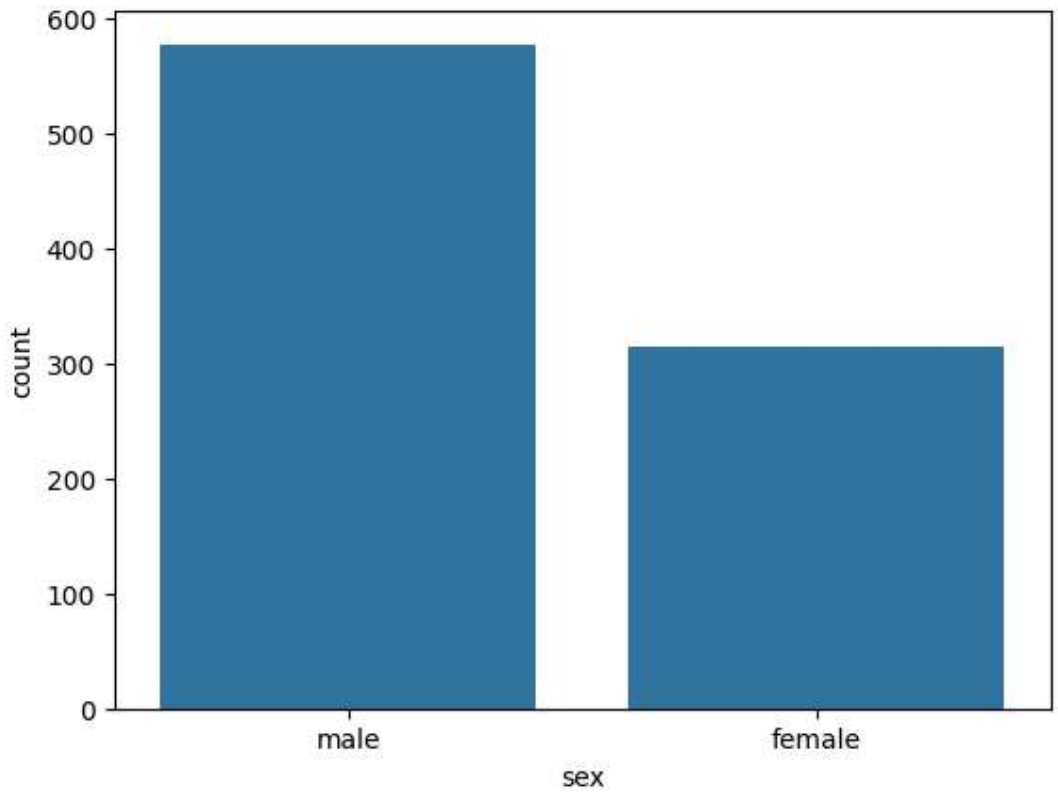
In [16]:
```
sb.barplot(x='sex', y='age', data=a, estimator=np.std)
```

Out[16]: <Axes: xlabel='sex', ylabel='age'>



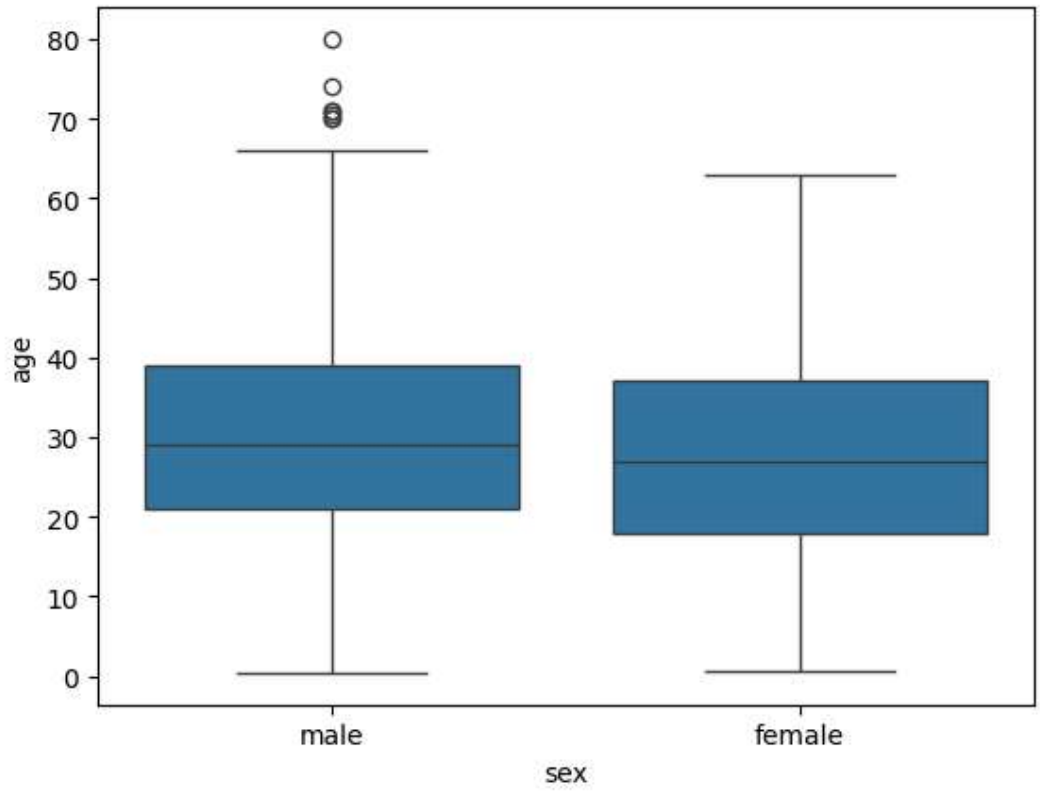

In [17]:
```
sb.countplot(x='sex', data=a)
```

Out[17]: <Axes: xlabel='sex', ylabel='count'>



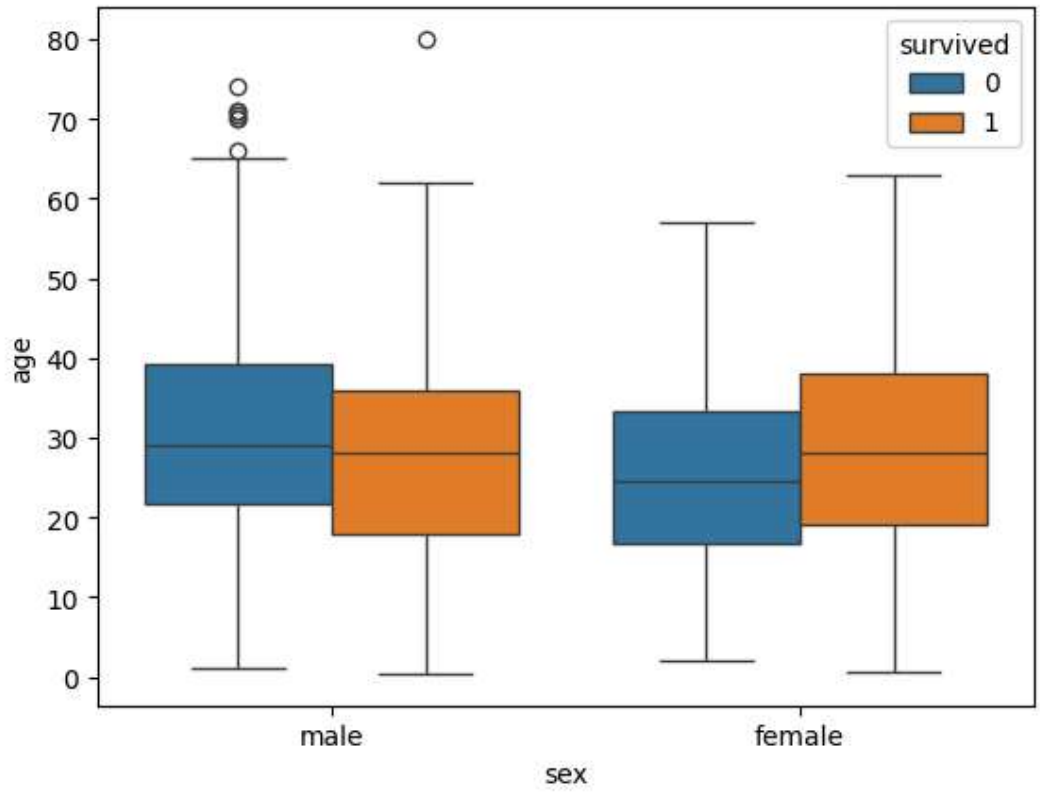
In [18]:
```
sb.boxplot(x='sex', y='age', data=a)
```

Out[18]: <Axes: xlabel='sex', ylabel='age'>



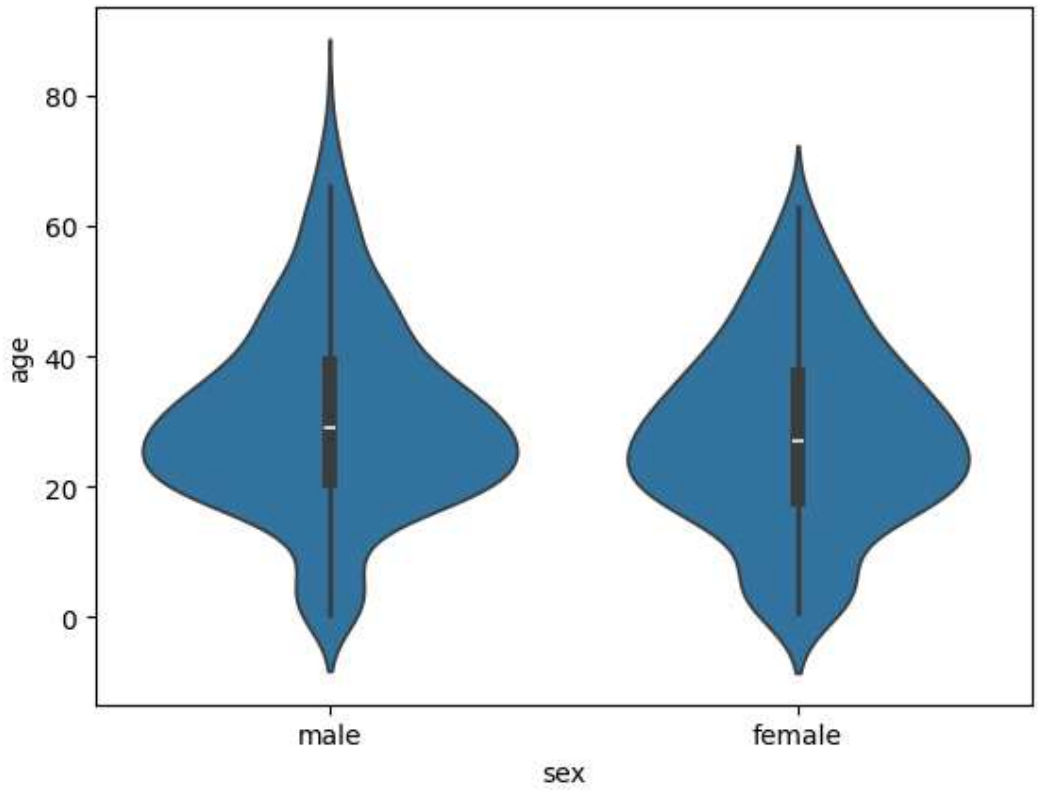

In [19]:
```
sb.boxplot(x='sex', y='age', data=a, hue="survived")
```

Out[19]: <Axes: xlabel='sex', ylabel='age'>



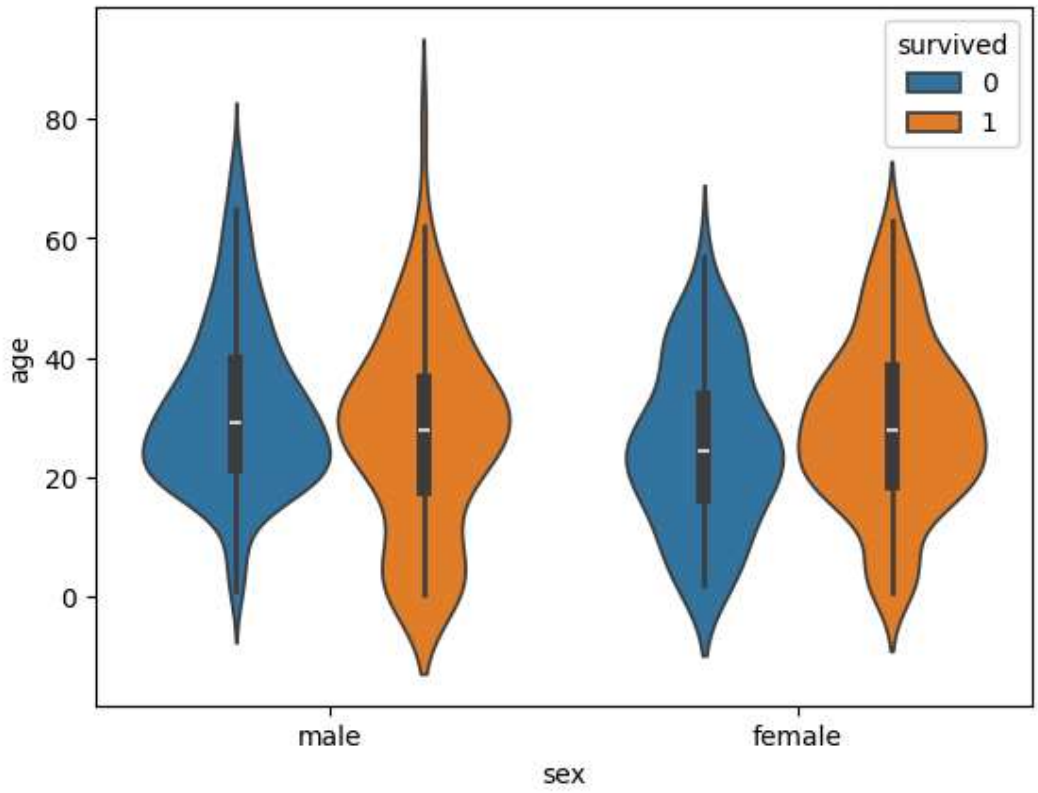
In [20]:
```
sb.violinplot(x='sex', y='age', data=a)
```

Out[20]: <Axes: xlabel='sex', ylabel='age'>



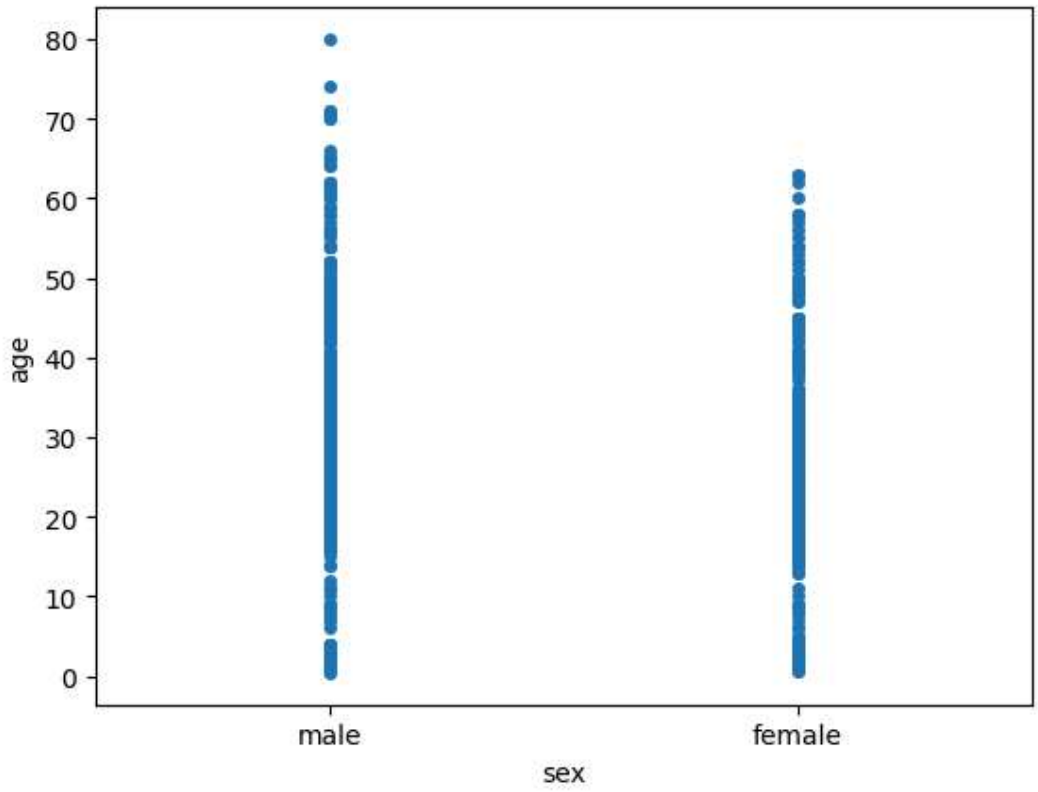

In [21]:
```
sb.violinplot(x='sex', y='age', data=a, hue='survived')
```

Out[21]: <Axes: xlabel='sex', ylabel='age'>



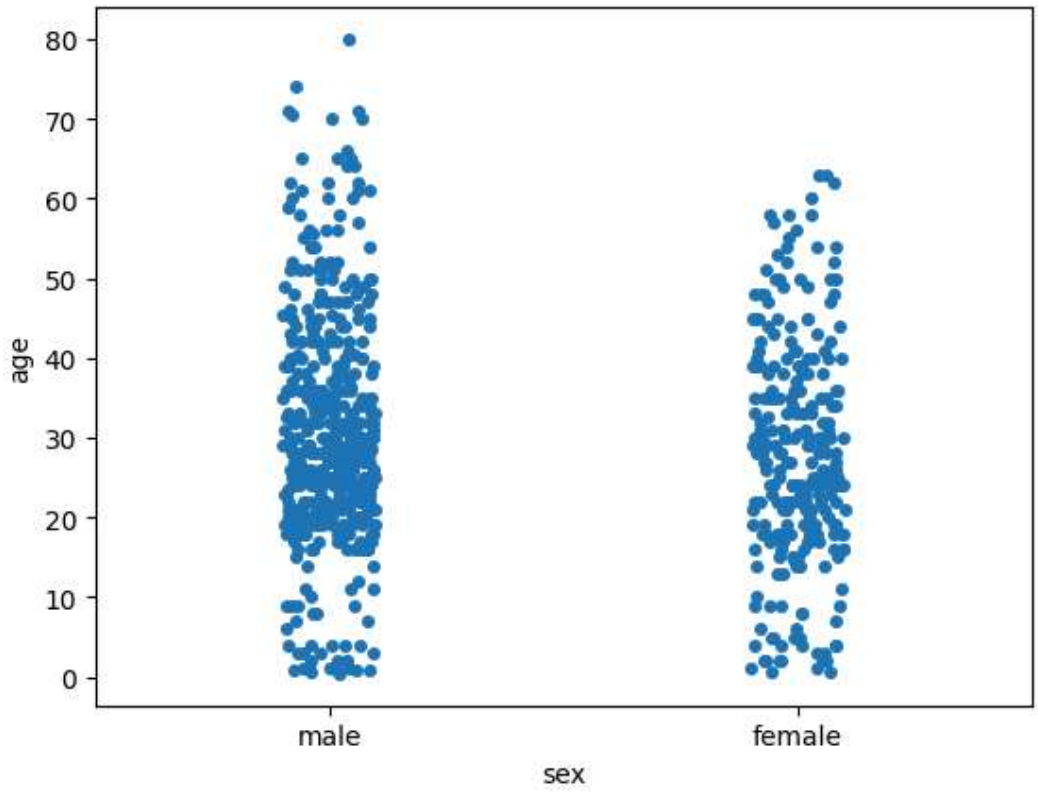
In [22]:
```
sb.stripplot(x='sex', y='age', data=a, jitter=False)
```

Out[22]: <Axes: xlabel='sex', ylabel='age'>



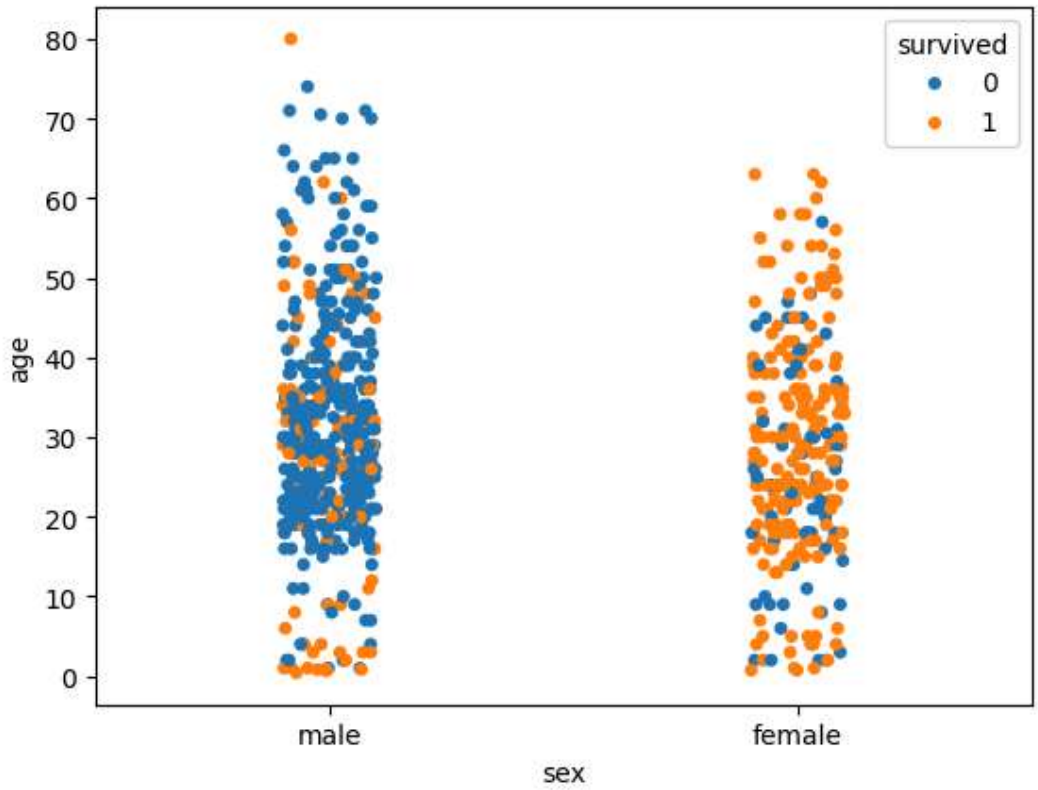

In [23]:
```
sb.stripplot(x='sex', y='age', data=a, jitter=True)
```

Out[23]: <Axes: xlabel='sex', ylabel='age'>



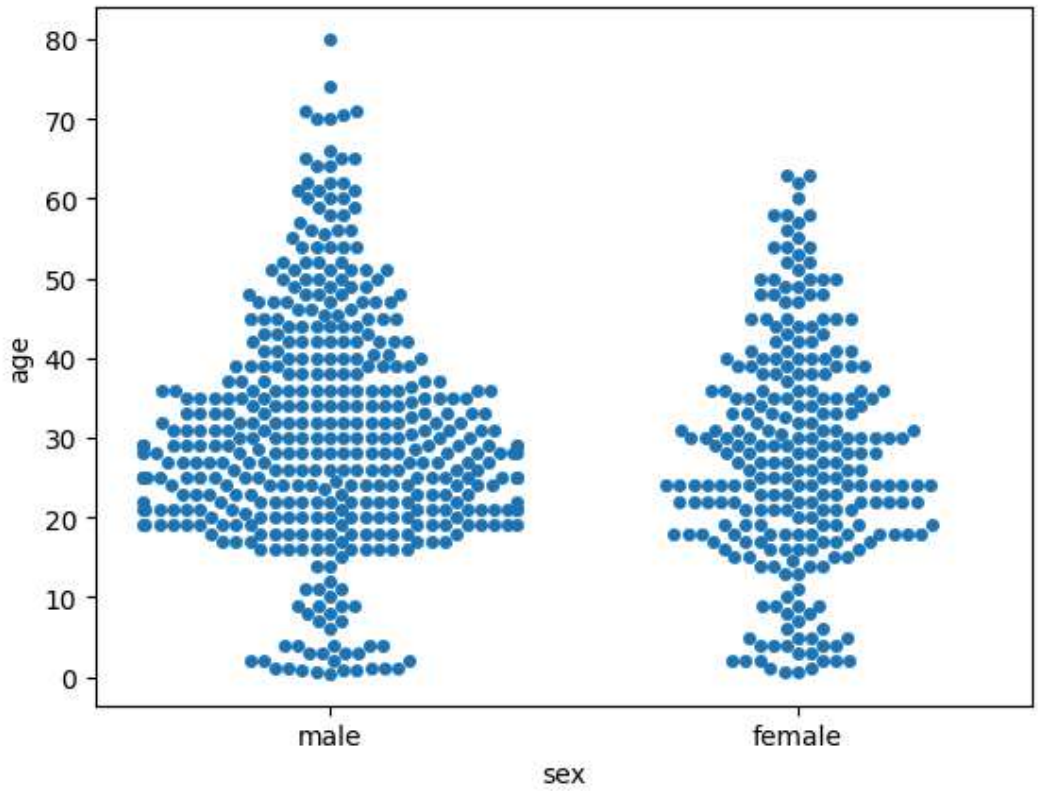
In [24]:
```
sb.stripplot(x='sex', y='age', data=a, jitter=True, hue='survived')
```

Out[24]: <Axes: xlabel='sex', ylabel='age'>



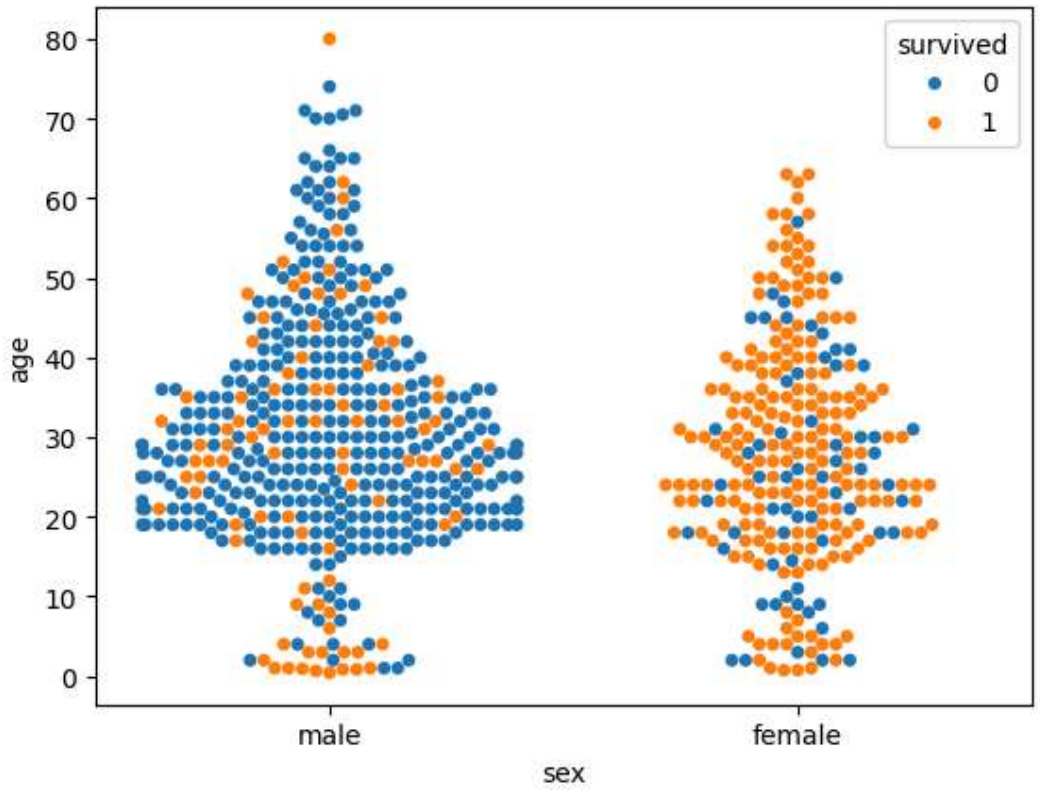

In [25]:
```
sb.swarmplot(x='sex', y='age', data=a)
```

Out[25]: <Axes: xlabel='sex', ylabel='age'>



In [26]:
```
sb.swarmplot(x='sex', y='age', data=a, hue='survived')
```

Out[26]: <Axes: xlabel='sex', ylabel='age'>




In [29]:
```
sb.histplot(a['fare'], kde=False, bins=10)
```

Out[29]: <Axes: xlabel='fare', ylabel='Count'>