practical-9

March 10, 2024

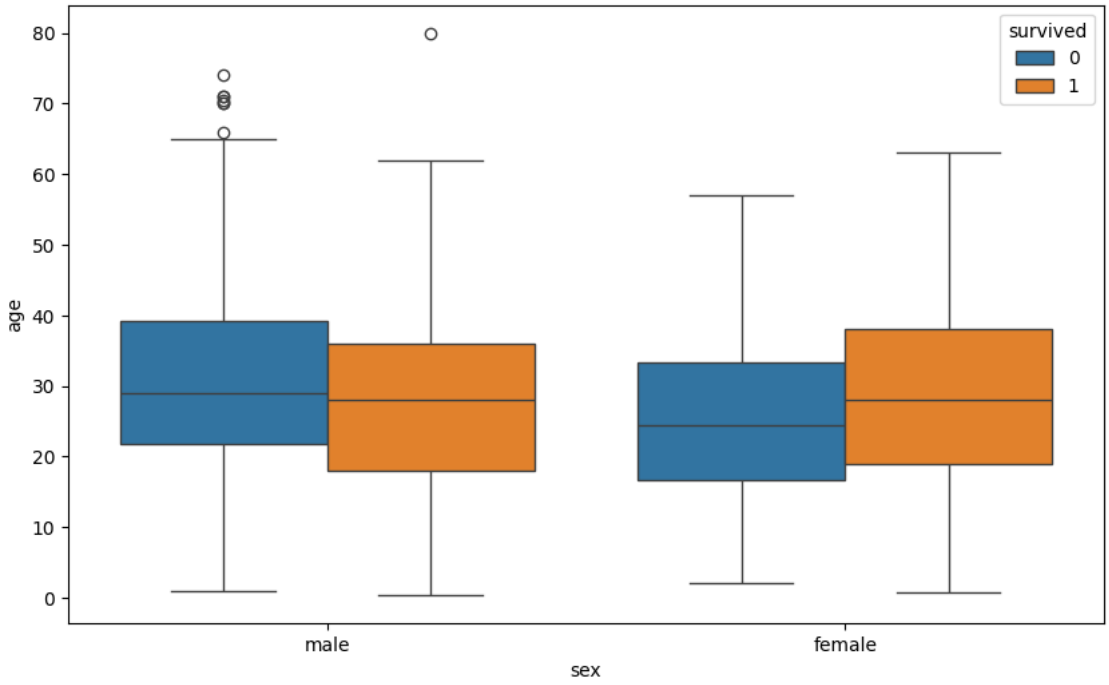
[ ]:
```
import matplotlib.pyplot as plt
import seaborn as sns
import pandas as pd

# Load Titanic dataset
titanic = sns.load_dataset('titanic')

# Filter out rows with missing age values
titanic = titanic.dropna(subset=['age'])

# Plotting
plt.figure(figsize=(10, 6))
sns.boxplot(x='sex', y='age', hue='survived', data=titanic)
# plt.title('Distribution of Age with Respect to Gender and Survival Status')
# plt.xlabel('Gender')
# plt.ylabel('Age')
# plt.legend(title='Survived', labels=['No', 'Yes'])
# plt.show()
```

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


survived
0
1
80
70
60
50
40
30
20
10
0
age
male
female
sex