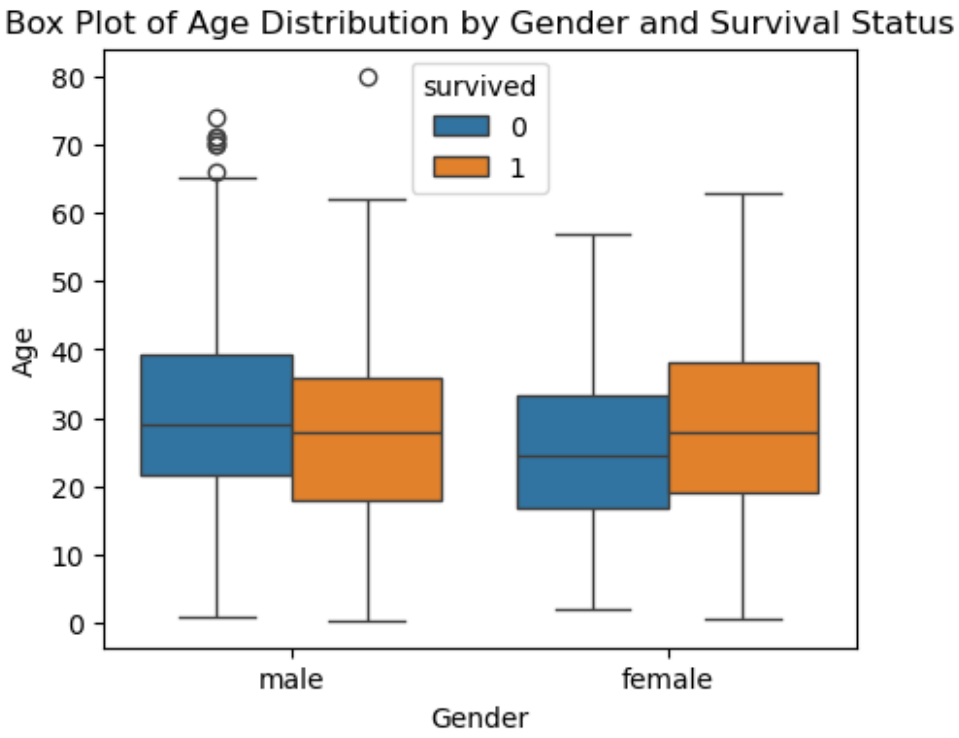
```python
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt

# Load Titanic dataset
df = pd.read_csv(r"C:\Users\ASUS\Documents\pythonStack\DS_PR\
titanic.csv")
df.head()
```

```
   survived  pclass     sex   age  sibsp  parch     fare embarked
class  \
0         0       3    male  22.0      1      0   7.2500        S
Third
1         1       1  female  38.0      1      0  71.2833        C
First
2         1       3  female  26.0      0      0   7.9250        S
Third
3         1       1  female  35.0      1      0  53.1000        S
First
4         0       3    male  35.0      0      0   8.0500        S
Third

     who  adult_male deck  embark_town alive  alone
0    man        True  NaN  Southampton    no  False
1  woman       False    C    Cherbourg   yes  False
2  woman       False  NaN  Southampton   yes   True
3  woman       False    C  Southampton   yes  False
4    man        True  NaN  Southampton    no   True
```

```python
# Set the figure size for clarity
plt.figure(figsize=(5, 4))

# Create the box plot for age distribution by sex and survival status
sns.boxplot(x='sex', y='age', hue='survived', data=df)

# Adding a title and labels for clarity
plt.title('Box Plot of Age Distribution by Gender and Survival
Status')
plt.xlabel('Gender')
plt.ylabel('Age')

# Show the plot
plt.show()
```


Box Plot of Age Distribution by Gender and Survival Status
survived
0
1
Age
80
70
60
50
40
30
20
10
0
male
female
Gender