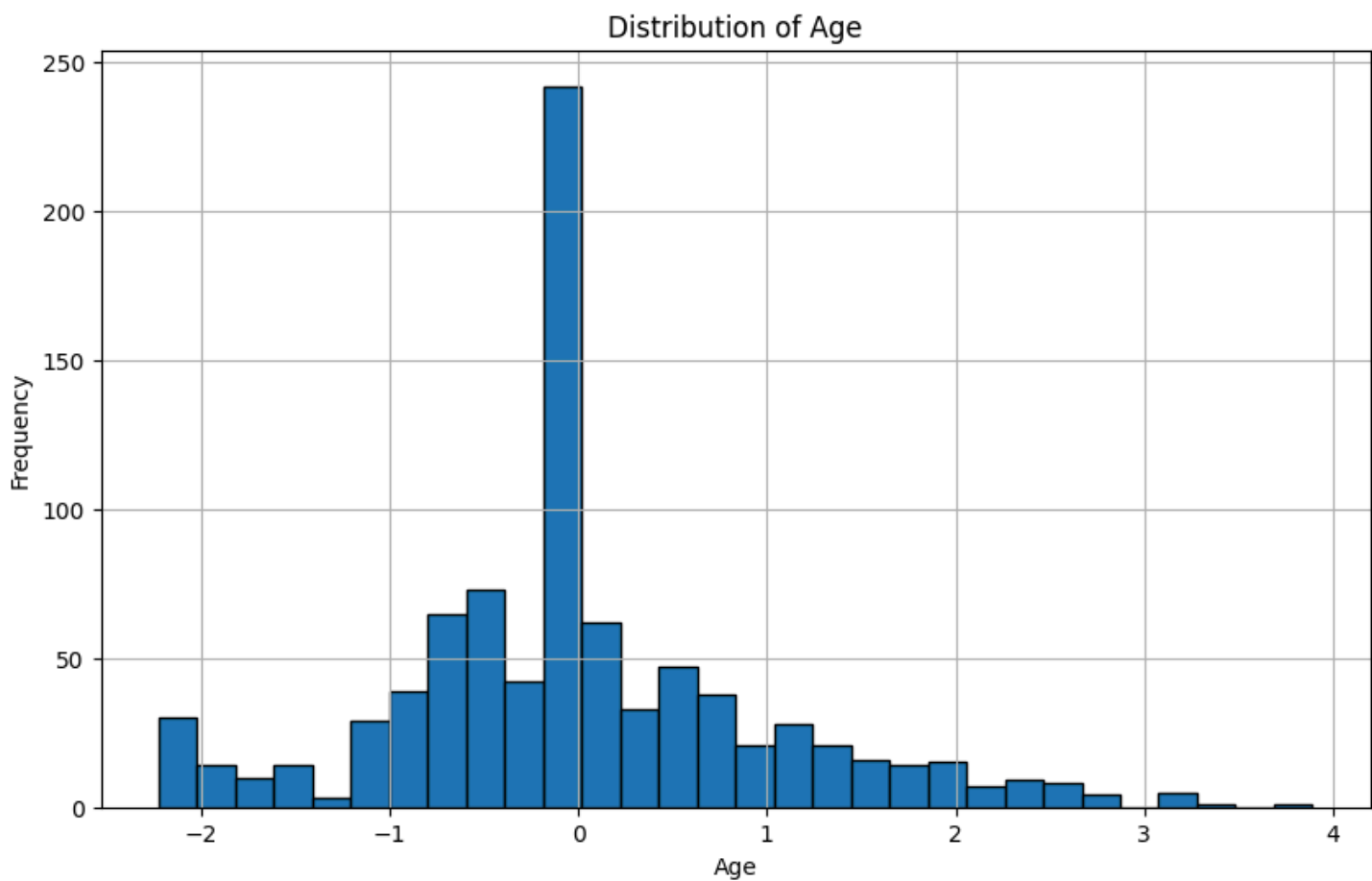


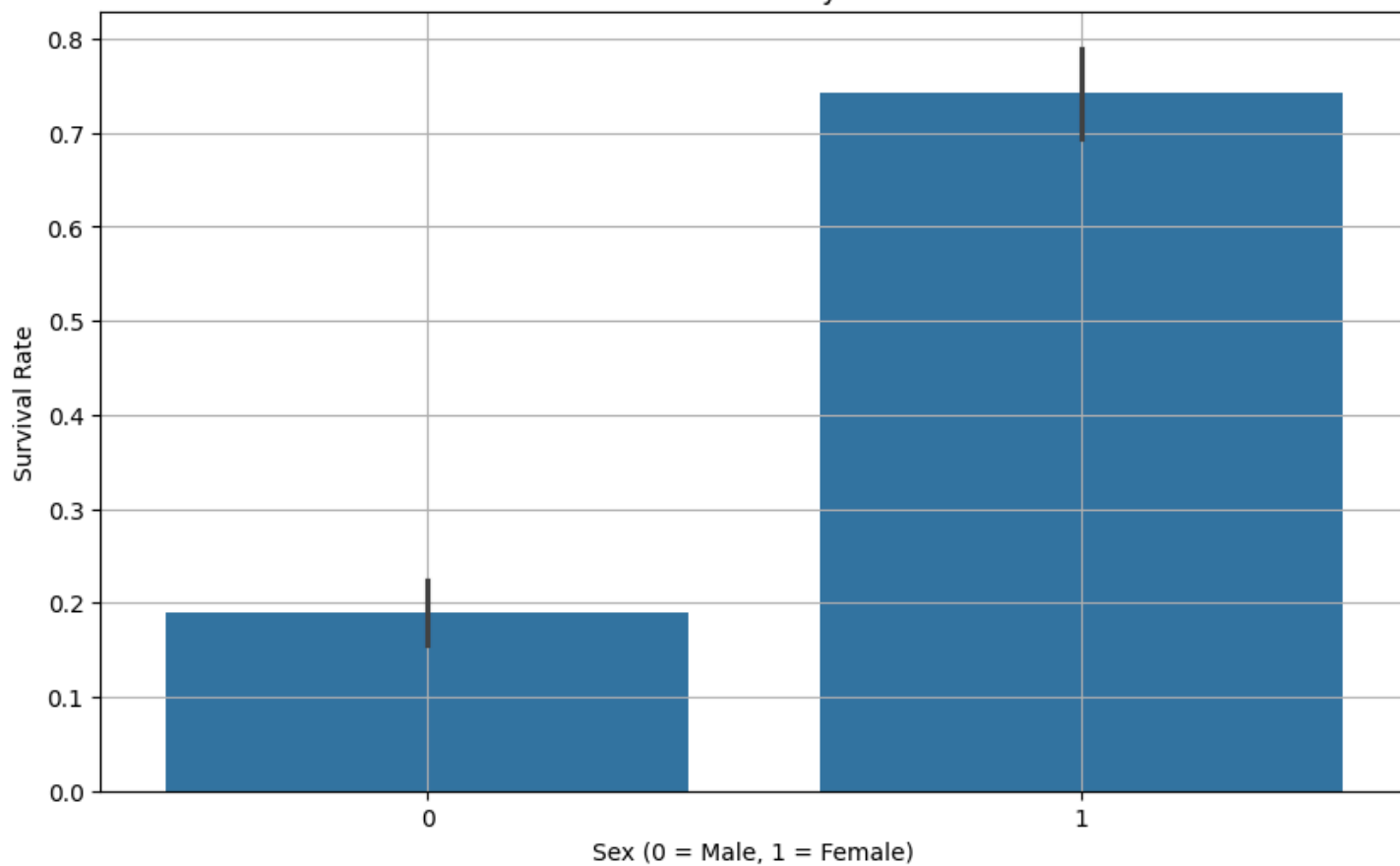
	Survived	Pclass	Sex	Age	SibSp	Parch	Fare	Embarked_Q	\
0	0	3	0	-0.565736	1	0	-0.502445	False	
1	1	1	1	0.663861	1	0	0.786845	False	
2	1	3	1	-0.258337	0	0	-0.488854	False	
3	1	1	1	0.433312	1	0	0.420730	False	
4	0	3	0	0.433312	0	0	-0.486337	False	

	Embarked_S	FamilySize	Title	AgeBin_Teen	AgeBin_Adult	\
0	True	0.059160	2	False	True	
1	False	0.059160	3	False	False	
2	True	-0.560975	1	False	True	
3	True	0.059160	3	False	True	
4	True	-0.560975	2	False	True	

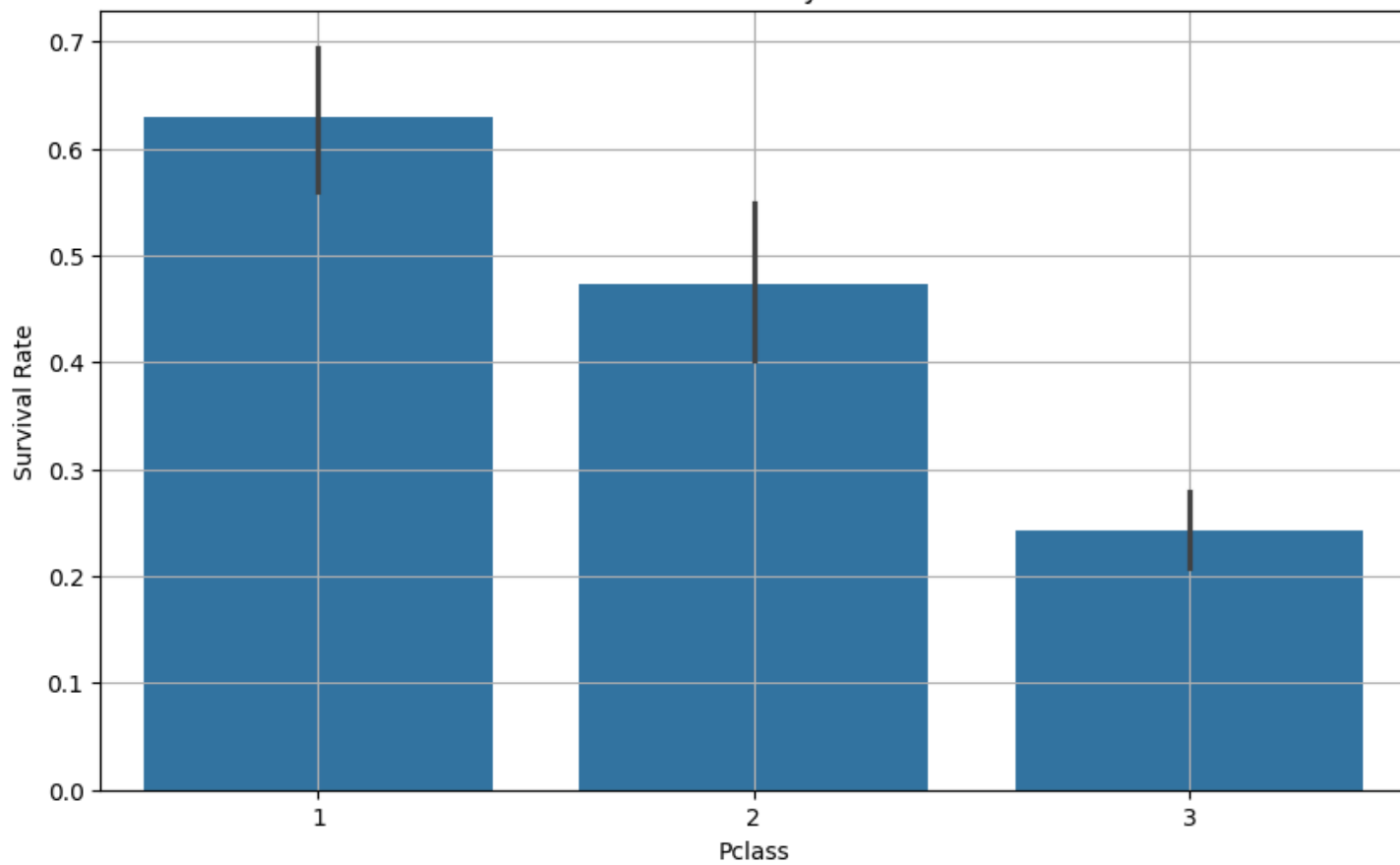
	AgeBin_Middle-Aged	AgeBin_Senior
0	False	False
1	True	False
2	False	False
3	False	False
4	False	False



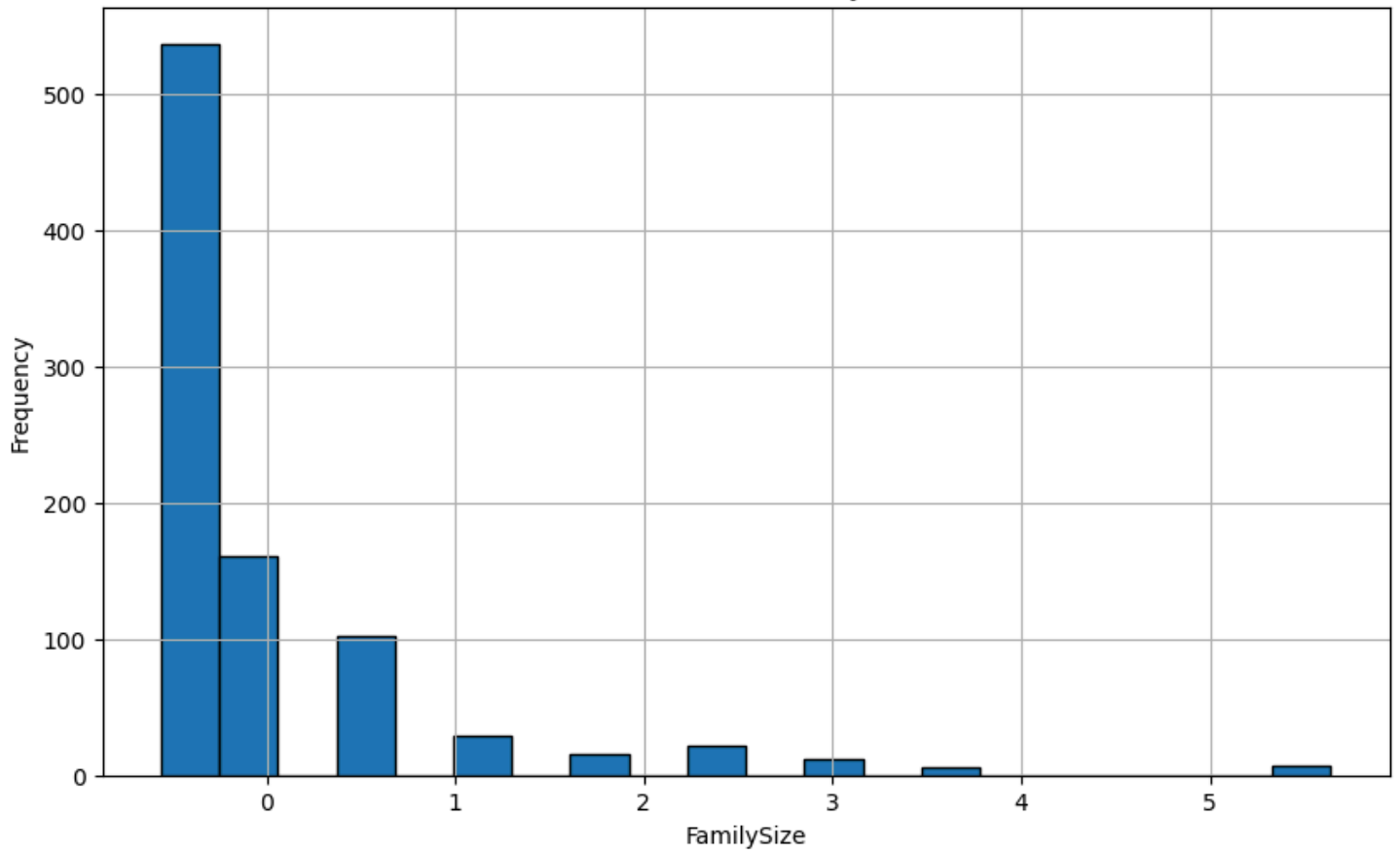
Survival Rate by Sex



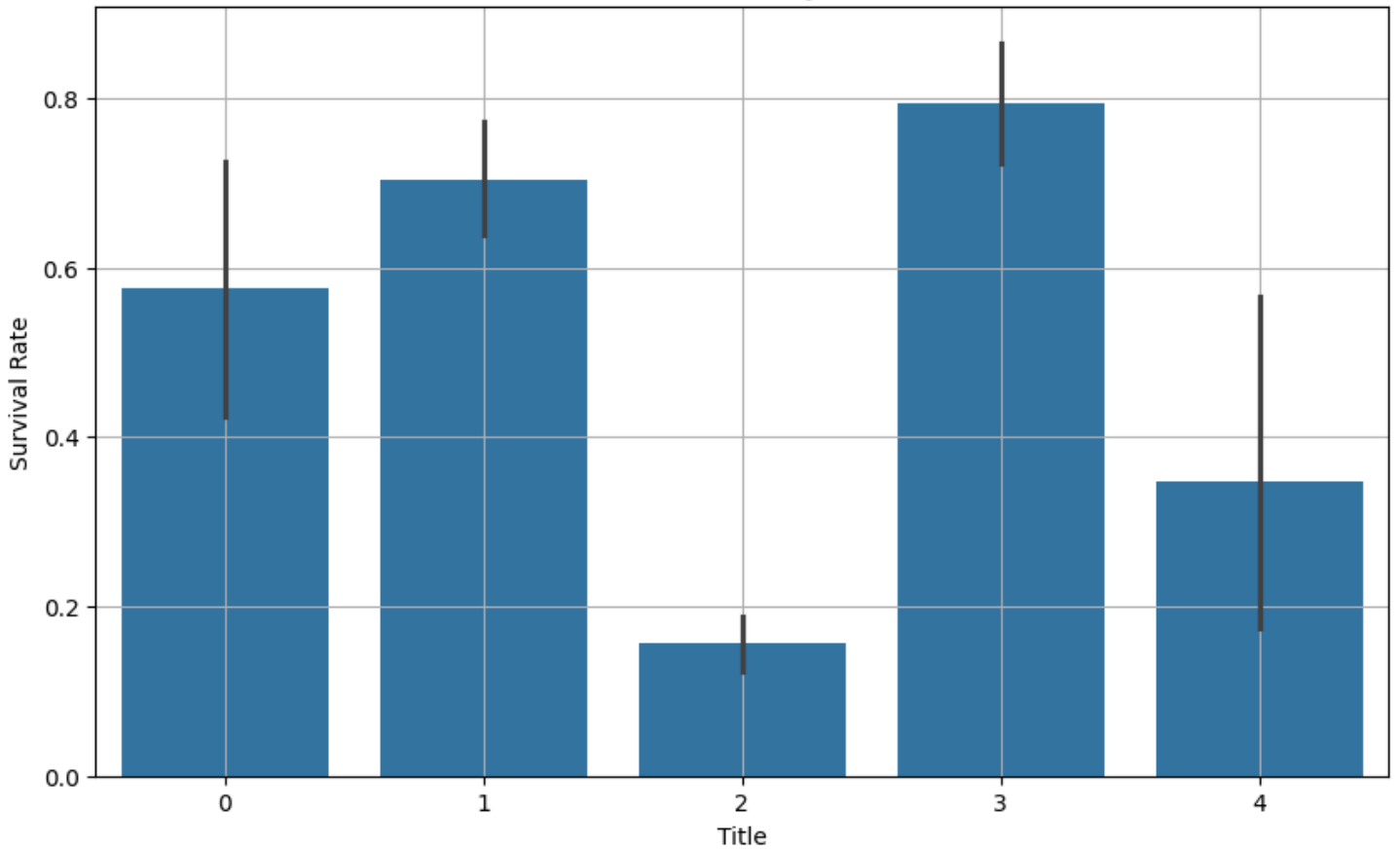
Survival Rate by Pclass



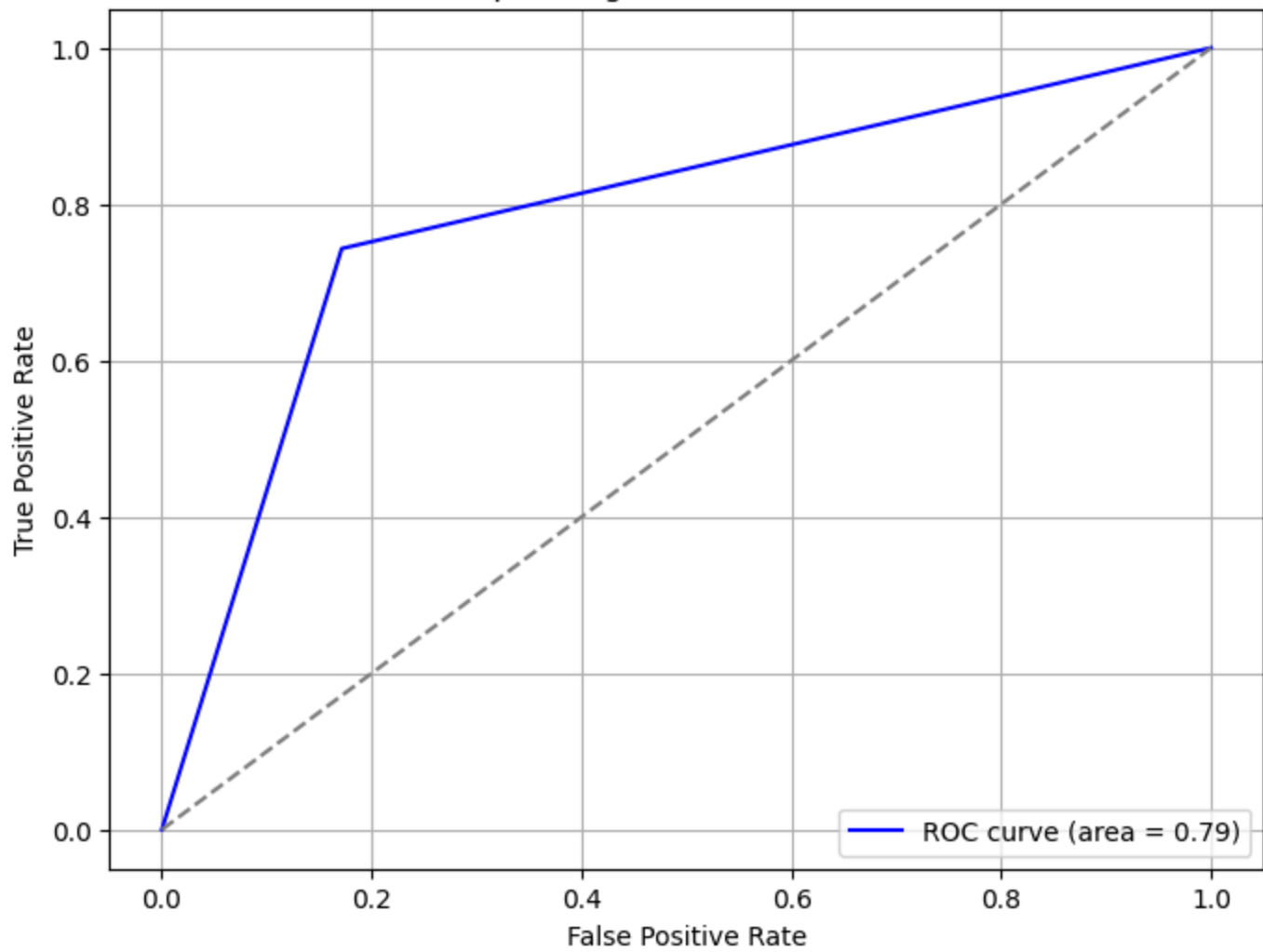
Distribution of FamilySize



Survival Rate by Title



Receiver Operating Characteristic (ROC) Curve



Confusion Matrix:

```
[[87 18]
```

```
 [19 55]]
```

Accuracy: 0.7933

Precision: 0.7534

Recall: 0.7432

F1 Score: 0.7483

Root Mean Square Error (RMSE): 0.4546

AUC-ROC Score: 0.7859