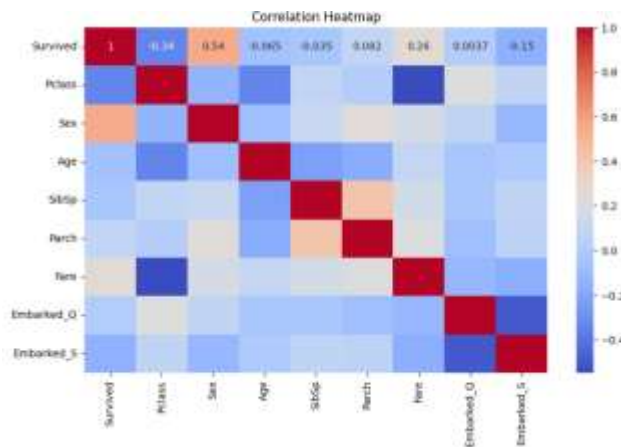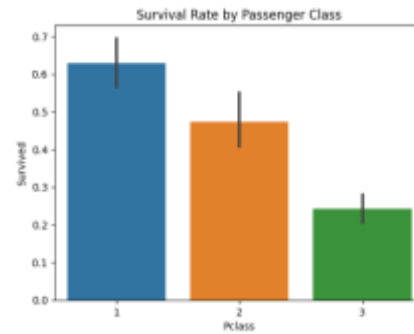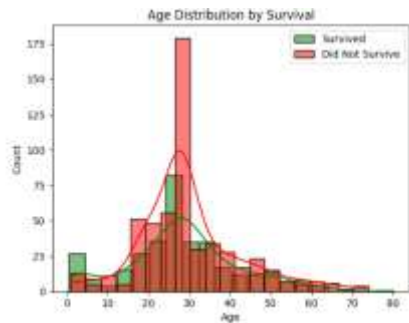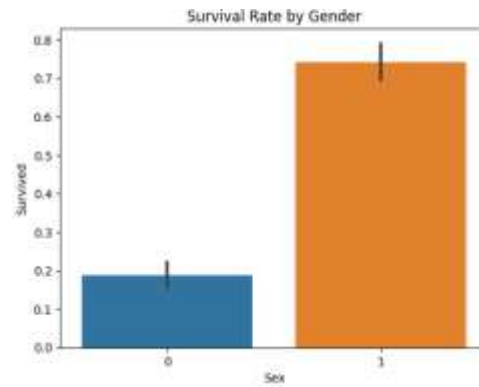Out[5]: PassengerId   0
        Survived   0
        Pclass   0
        Name   0
        Sex   0
        Age   177
        SibSp   0
        Parch   0
        Ticket   0
        Fare   0
        Cabin   687
        Embarked   2
        dtype: int64

Survival Rate by Gender

Age Distribution by Survival

Survival Rate by Passenger Class

Correlation Heatmap

Out[3]:

	PassengerId	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
0	892	3	Kelly, Mr. James	male	34.5	0	0	330911	7.8292	NaN	Q
1	893	3	Wilkes, Mrs. James (Ellen Needs)	female	47.0	1	0	363272	7.0000	NaN	S
2	894	2	Myles, Mr. Thomas Francis	male	62.0	0	0	240276	9.6875	NaN	Q
3	895	3	Wirz, Mr. Albert	male	27.0	0	0	315154	8.6625	NaN	S
4	896	3	Hirvonen, Mrs. Alexander (Helga E Lindqvist)	female	22.0	1	1	3101298	12.2875	NaN	S

Out[2]:

	PassengerId	Survived
0	892	0
1	893	1
2	894	0
3	895	0
4	896	1