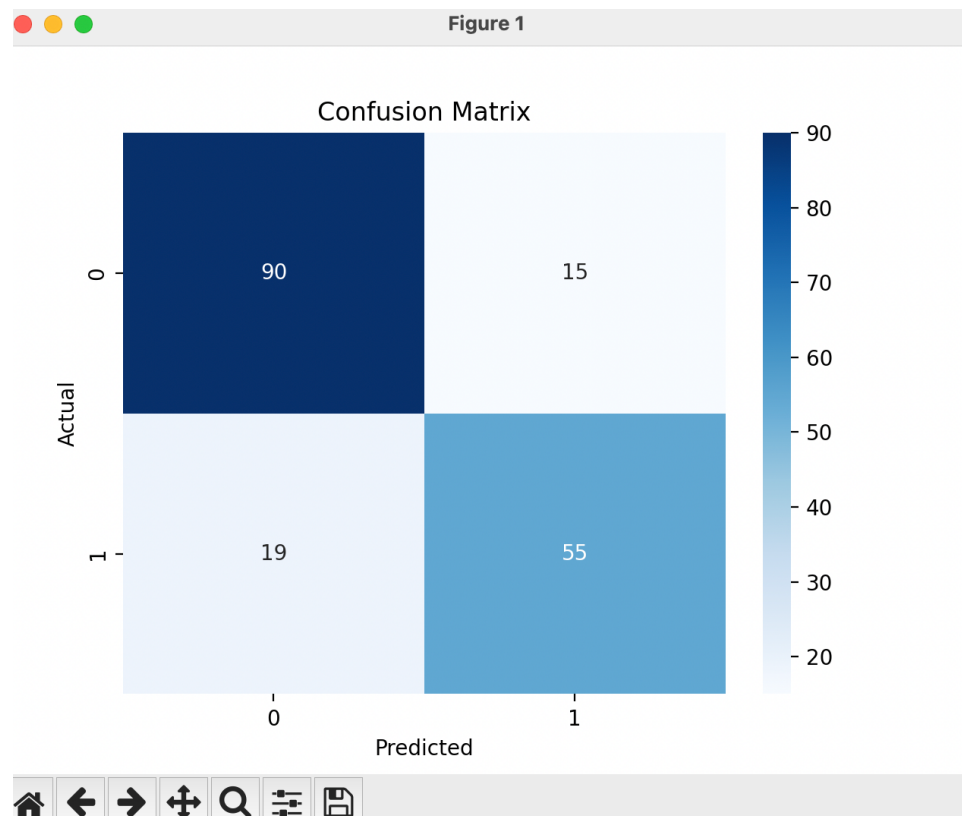
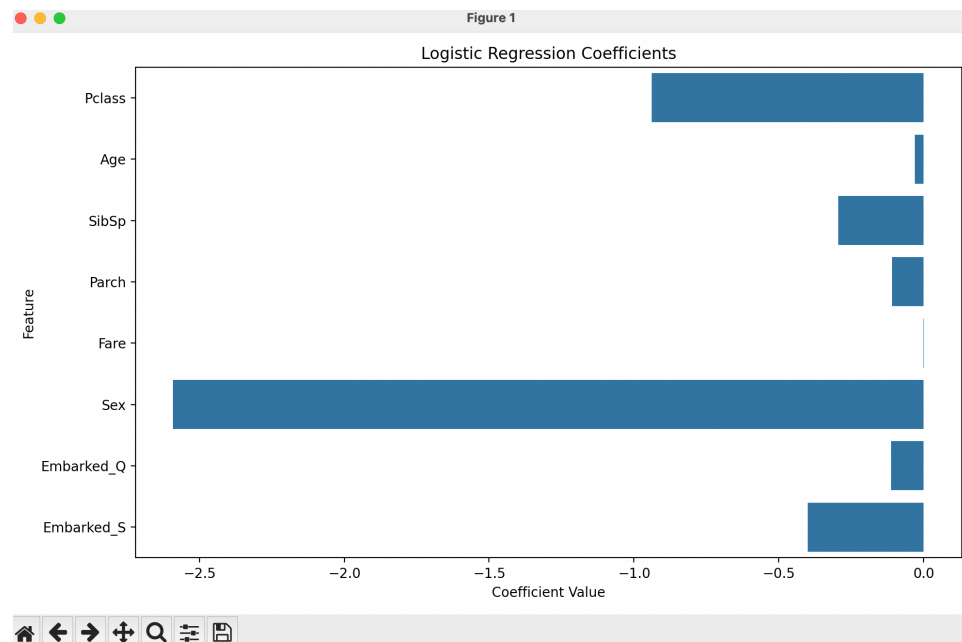
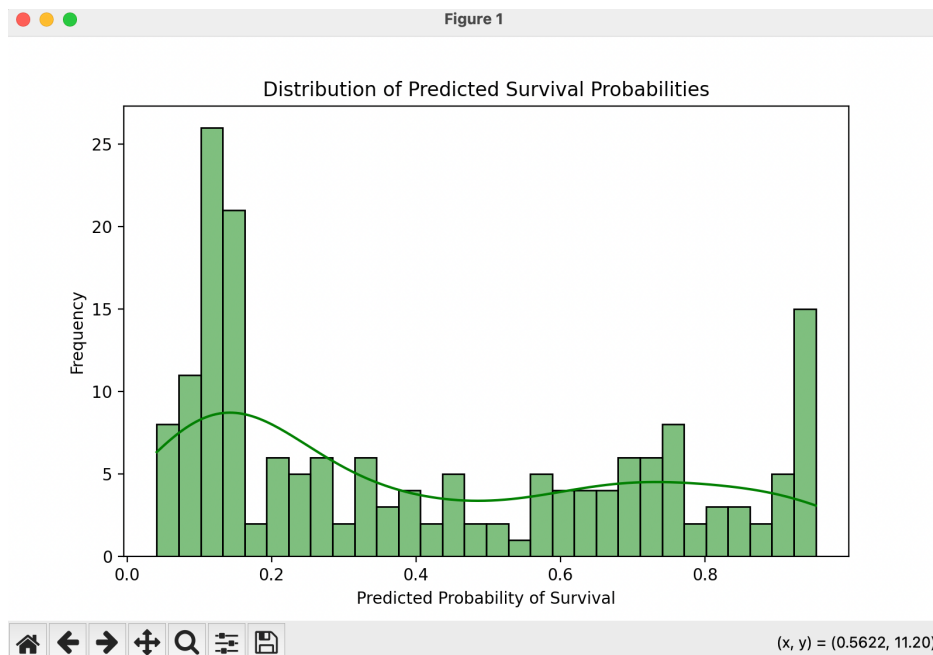


Lab 03 – Applied Machine Learning

Outputs: -





Theta (Coefficient) Values:

	Feature	Theta (Coefficient)
0	Pclass	-0.937949
1	Age	-0.030573
2	SibSp	-0.295104
3	Parch	-0.108298
4	Fare	0.002580
5	Sex	-2.591118
6	Embarked_Q	-0.112552
7	Embarked_S	-0.399607

Passenger 1: survived

[Passenger 2: not survived

Passenger 3: not survived

After changing test size and max_iter:

New Accuracy: 0.80

New Recall: 0.73