# Titanic Machine Learning Results

Naive Bayes
gnb = GaussianNB()
[0.66853933 0.70224719 0.75842697 0.74719101 0.73446328]
0.7221735542436362

Logistic Regression
lr =LogisticRegression(max_iter=2000)
[0.8258427  0.80898876 0.80337079 0.82022472 0.85310734]
0.8223068621849807

Decision Tree
dt= tree.DecisionTreeClassifier(random_state=1)
[0.75842697 0.74719101 0.8258427  0.74719101 0.8079096 ]
0.7773122579826065

K-Mean Clustering
knn=KNeighborsClassifier()
[0.79775281 0.79213483 0.83146067 0.79775281 0.85310734]
0.8144416936456548

Random Forest
rf=RandomForestClassifier(random_state=1)
[0.80337079 0.79213483 0.84831461 0.73595506 0.82485876]
0.8009268075922046

Support Vector Classifier
svc= SVC(probability=True)
[0.85393258 0.82022472 0.8258427  0.80337079 0.86440678]
0.8335555132355742