Ridge Model Params:

0.0

[ 6.84461913e-03 -1.07616595e+00 3.61161868e-02 -1.62188631e+00

1.86640351e-01 2.00079107e+00 6.83194096e-01 7.60391735e+00

6.84428738e-03 -1.07616595e+00 2.41458863e-02 -6.88005661e+00

-2.06026588e-02 -6.78066708e+00 6.68384313e-03 1.11230523e+00

-3.54126777e-02 -6.62154689e+00 9.83191364e-03 -6.28670829e+00

1.43351963e-02 -1.58158774e+01 -1.83262060e-02 -8.79224427e+00]

LASSO Model Params:

0.0 [ 8.13804352e-01 -5.51403072e-01 3.61968371e-02 -1.57640228e-01

1.86561276e-01 2.22261986e-01 6.82827590e-01 5.86216307e+00

-8.00075248e-01 -1.03068448e-01 2.41734054e-02 -5.14708255e+00

-2.05995883e-02 -5.22752860e+00 6.37274796e-03 0.00000000e+00

-3.59903148e-02 -6.06111207e+00 1.03680148e-02 -5.68072408e+00

1.45708793e-02 -1.48690967e+01 -1.87982607e-02 -8.03913503e+00]

LOG REG

[1.04498522] [[-6.95709777e-04 -2.90027622e-01 2.08937195e-03 1.32557324e-01

4.06217316e-03 9.07083071e-01 2.00912133e-02 1.27812271e+00

-6.95709777e-04 -2.90027622e-01 3.99054651e-03 -3.81511254e-01

1.26657261e-03 -3.52195135e-01 5.97542420e-03 -5.98872523e-01

1.91568790e-03 -2.39266763e-02 -5.08093160e-03 -6.56741758e-01

-6.16172984e-03 -2.83947589e-01 2.55854632e-03 2.04468335e+00]]

LOGG REGG

[[ 18 33]

[ 12 511]]

precision recall f1-score support

-1 0.60 0.35 0.44 51

1 0.94 0.98 0.96 523

accuracy 0.92 574

macro avg 0.77 0.66 0.70 574

weighted avg 0.91 0.92 0.91 574

KNN

[[ 22 21]

[ 24 507]]

precision recall f1-score support

-1 0.48 0.51 0.49 43

1 0.96 0.95 0.96 531

accuracy 0.92 574

macro avg 0.72 0.73 0.73 574

weighted avg 0.92 0.92 0.92 574

DecisionTreeClassifier

[[ 19 24]

[ 12 519]]

precision recall f1-score support

-1 0.61 0.44 0.51 43

1 0.96 0.98 0.97 531

accuracy 0.94 574

macro avg 0.78 0.71 0.74 574

weighted avg 0.93 0.94 0.93 574

[[ 0 43]

[ 0 531]]

precision recall f1-score support

-1 0.00 0.00 0.00 43

1 0.93 1.00 0.96 531

accuracy 0.93 574

macro avg 0.46 0.50 0.48 574

weighted avg 0.86 0.93 0.89 574

[[ 19 24]

[256 275]]

precision recall f1-score support

-1 0.07 0.44 0.12 43

1 0.92 0.52 0.66 531

accuracy 0.51 574

macro avg 0.49 0.48 0.39 574

weighted avg 0.86 0.51 0.62 574