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CA 05 – Logistic Regression

Part 3:

Chart, line chart

Description automatically generatedTable

Description automatically generated

This is a good model because the F1 score is well above 50% therefore it is relatively well balanced. Looking at the ROC curve we can also see that the curve is well above the diagonal which shows that it is an above average model. The AUC is almost 70% too which shows that it is a decent model as it is 69% good atdistinguishing between the positive and negative classes. It also has a high recall score which means that it got 82% of the positive class correctly classified.