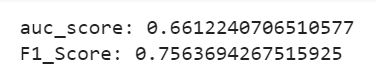
CA05 – Logistic Regression

Model performance (part 3):

As you can see from the graph, the AUC of the model is of 0.66. Therefore, you can conclude that the model can be used as a good predictor. The model having an AUC score of 0.50 means that the model makes random predictions. This logistic regression model is performing better than that. Analyzing F1 score, you can also suggest that the model has a good balance between precision and recall as it has a score of 0.756 and therefore conclude the model is a strong performing model.

Chart, line chart

Description automatically generated