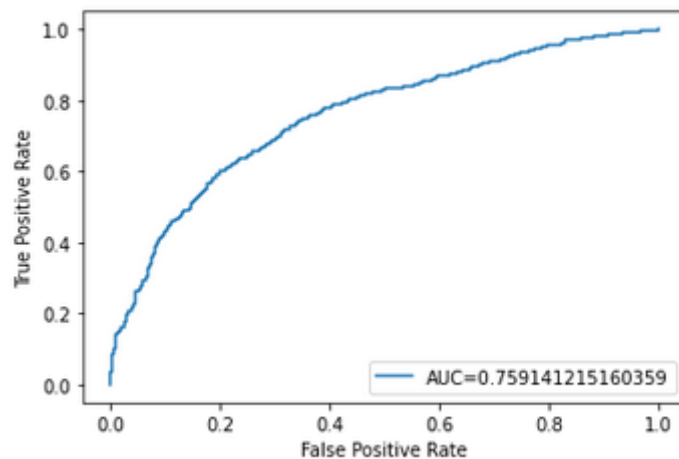# Churn Problem for Bank Customer

Machine learning models that predict if the customers will leave the bank or no

MVP:

The goal of this project is to better understand which factors are most important in customer abandonment, and how those factors relate to customer abandonment.

As a start to achieve my goal I built a logistic regression model. The model accuracy score for training was 81% and for the test was 82% which is kind of a good score. Also, you can see from the graph under the ROC curve and the Area Under the ROC curve is 0.75. So we could say that the model considers as a good model

The next step is to build another model and try to tune the logistic regression model and improve its performance 😊