**THE DESCRIPTION OF THE ML PROJECT DID TO FULFILL DEVELOPING AN ML MODEL THAT CAN PREDICT IF AN INDIVIDUAL IN ANY OF THE FOUR EAST AFRICAN COUNTRIES HAVE A BANK ACCOUNT OR NOT.**

This were the steps I took to develop my ML model,

1). I read my dataset using pandas and checked the unique values in each columns then I checked the number of missing values so I can handle them but none was missing.

2).I plotted a count plot using seaborn to see the distribution of features relating to the likelihood of an individual owning a bank account or not in each of the four countries.

3) .I then encoded the categorical variables in my dataset using Label Encoder and I dropped the other columns that were not encoded or are not float values.

4.) I then standardized my data using Min Max Scaler that turns every value in the dataset from 0 to 1.

5.) I then used “Grid Search CV” to check the performance of the Six major classification algorithms alongside with their hyper parameters in Machine Learning.

6.) I then picked the best algorithm which was Random Forest to develop my model , then I used my train set to train my model and then checked the accuracy using the test set.

7.) I also read the test dataset of shape (10000,13) into my notebook and then used my model to predict the likelihood of those 10000 individuals owning a bank account.

This was the crucial steps I took in developing the Model for this great task.