

# Mini\_Project

## Problem Statement

The problem statement here is to predict churn from the bank customer dataset. Apply a suitable machine learning algorithm and predict which customers are most likely to leave the bank.

## Dataset

The dataset is made up of following variables

**CustomerId**

**Surname**

**CreditScore**

**Geography** - country of customer

**Gender**

**Age**

**Tenure** - Total number of years with bank

**Balance**

**NumOfProducts** - Number of products or services utilising from bank

**HasCrCard** - Utilising credit card or not ( Card - 1 , No card - 0 )

**IsActiveMember** - Metric defining the member on the basis of his/her transactions  
( Active - 1 , Inactive - 0 )

**EstimatedSalary**

**Exited** - Left bank or not ( left bank - 1 , retained by bank - 0 )

