**Deep Learning Final**

We have a dataset with details of a bank's customers, and the target variable is a binary variable that reflects whether the customer has left the bank (closed his/her account) or remains a customer.

Here features in the given dataset are:

rownumber: Row Numbers from 1 to 10000.

customerid: A unique ID that identifies each customer.

surname: The customer’s surname.

creditscore: A credit score is a number between 300–850 that depicts a consumer's creditworthiness.

geography: The country from which the customer belongs to.

Gender: The customer’s gender: Male, Female

Age: The customer’s current age, in years, at the time of being customer.

tenure: The number of years for which the customer has been with the bank.

balance: Bank balance of the customer.

numofproducts: the number of bank products the customer is utilising.

hascrcard: The number of credit cards given to the customer by the bank.

isactivemember: Binary Flag for indicating if the client is active or not with the bank before the moment where the client exits the company (recorded in the variable "exited")

exited: Binary flag 1 if the customer closed account with bank and 0 if the customer is retained.