**Business problem**

Create a model that tells us if a client stays or not in a bank.

**Explaining the model**

1. Import the dataset, which is in a csv format.
2. We need to get rid of the columns that we won’t look at (surname, id, …), so we need to subset the dataset.
3. Then, we encode our categorical variables as factors and set as numeric (to use them in the package).
4. After that, we will split the dataset into a training and test set.
5. Before creating the classifier, we need to put all values on the same scale.
6. We need to initiate the instance, and then we put on the arguments. The first one is the dependent variable, the second one is the training set, the activation is ‘Rectifier’ (one of the best activation functions), the number of hidden layers and nodes in each layer, epochs (iterations) is 100 and the number of observations to update the weights (-2 is one of the default values).
7. Now, we make the predictions on the test set.