Lab Neuronal Network N°2

Training

1. Using **Keras** Library (documentation : https://keras.io/), build a Sequential NN with two layers:
   - An input LSTM layer using a sigmoid activation function
   - An output Dense layer (with only 1 unit)

2. Compile the NN using the loss function “least mean square error”

3. Use the spam-email dataset to fit your model (divide into Train and test set). (You can use Google collab to import your notebook if your PC takes a lot of time)

4. Predict and compare using the test set then look at the accuracy.

5. Compare with the accuracy of the prediction done with the logistic regression.