**Exercise 1**

**DNN on Tabular Data**

**Weka (Descarga WEKA:** [**https://waikato.github.io/weka-wiki/downloading\_weka/**](https://waikato.github.io/weka-wiki/downloading_weka/)**)**

1. Run the examples for classification () and regression () presented in class (**Classification and Regression with DNN.ipynb**) where a comparison between ML and DL is done over tabular data, make some screen shots of the obtained results and answer the following questions:

* Which is the best model (hyperparameters) and the resulting metrics?
* Why do you think Neural Networks under performed ML models?
* What did you do to improve performance?
* What is Cross Validation?

1. Corra el modelo de regresión solo para casas con precios por debajo de 3 millones de dólares, mejoran las métricas? Encuentre una manera de medir la mejora, por ejemplo, grafique el accuracy vs diferentes número de épocas, batch size, dropout, y L2, y diferentes arquitecturas. Cuál es el mejor modelo?