CS4361/5361 Machine Learning
Fall 2020
Multi-layer Perceptrons
Exercise 1

The programs *mlp_classifer* and *mlp_regressor* show how use the *sklearn* implementation of a feed-forward neural network to perform classification with the *MNIST* dataset and regression with the *particles* dataset.

Your task for this exercise is to obtain better results, either in terms of time, number of iterations, accuracy, or mean-squared error by setting the parameters of the fit functions in both models.

Submit by the deadline your code and a 1-2 page report describing your experiments and results.