

ICT FOR SMART SOCIETIES

POLITECNICO DI TORINO

ICT FOR HEALTH LABORATORY

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1 Lab1: Linear Regression & Parkinson

The aim of the laboratory is understanding the basic idea of the regression and apply different techniques to obtain the desired results. In particular, will be considered a database containing a real Parkinson's Disease dataset and different regression solutions will be applied:

- MSE (Minimum Square Error)
- Gradient Algorithm
- Steepest Descent Algorithm

Source: <https://archive.ics.uci.edu/ml/machine-learning-databases/parkinsons/telemonitoring/>