Overview

* implement and evaluate three learning algorithms as Python classes: A Random Tree learner, a Linear Regression learner and a Bootstrap Aggregating learner.
* The classes named as RTLearner, LinRegLearner, and BagLearner respectively.
* This is a regression problem and the result will be in continuous numerical form.
* Used Adele Culter’s paper as reference for Random Tree algorithm.
* Report is included that illustrate the performance of each of the learner: Overfitting, Optimal number of bag usage in bagging, leaf size on decision tree.