

Module 11: Model Selection and Boosting

Case Study

edureka!

edureka!

© Brain4ce Education Solutions Pvt. Ltd.

Case Study

Questions:

1. The data file contains numerical attributes that describe a letter and its corresponding class. Read the datafile “letterCG.data” and set all the numerical attributes as features. Split the data in to train and test sets.
2. Fit a sequence of AdaBoostClassifier with varying number of weak learners ranging from 1 to 16, keeping the max_depth as 1. Plot the accuracy on test set against the number of weak learners. Use decision tree classifier as the base classifier.
3. Repeat step2 with max_depth set as 2.

edureka!