Random forest and the associated concepts

Justin

# Metrics for splitting the nodes

Algorithms for constructing decision trees usually work top-down, by choosing a variable at each step that best splits the set of items. Different algorithms use different metrics for measuring "best". These generally measure the **homogeneity** of the target variable within the subsets.

This [link](https://github.com/rasbt/python-machine-learning-book/blob/master/faq/decision-tree-binary.md) compares the advantages of different metrics.