**DECISION TREE CLASSIFICATION**

CART – Stands for classification And Regression Trees

CART

Classification Regression

Trees Trees

(to classify data, (to predict outcomes which

eg. Male female, can be real numbers, eg.

apple orange etc) Salary, temp etc)

- Splits are performed on the dataset

- How to select these splits

-> The split is done in such a way to maximize the number of similar category.

Mathematical approach: The split is trying to minimize ‘entropy’.

