SVM Cont.

MARGIN: Distance from Separation line to class of points Good Morgins! Separtation distance is maximized between all classes

RANDOM FORKEST

- A model containing multiple descion trus
- Coin be used for regression and classification provins
- It can handle missing data and maintain accorage
- Worst overfit data to model
- It can handle a large dataset with high dimensionality

DISPONDIBUES

- 1. Not too good for regrossion, the range of votes depends on the range in training de da
 - VERY little control over what the mould does

Applications

- Find stock behavior (cogy/kunfit of by my mshills Cishner product suggestants on consumer silvs

How It works

Over a number of traces P, each dree decides on a

PANDOM FOREST Example classifying Unnol/Poot - Rundon In Stance 0 0 0 0 ford Hund: 2/3 Food - 1/3 Class Fication; Hand

Rudin Frost is on ensure learner. It is a collection of many other learners. In this case many of the same kind of Learner.