Ensemble learners

Data

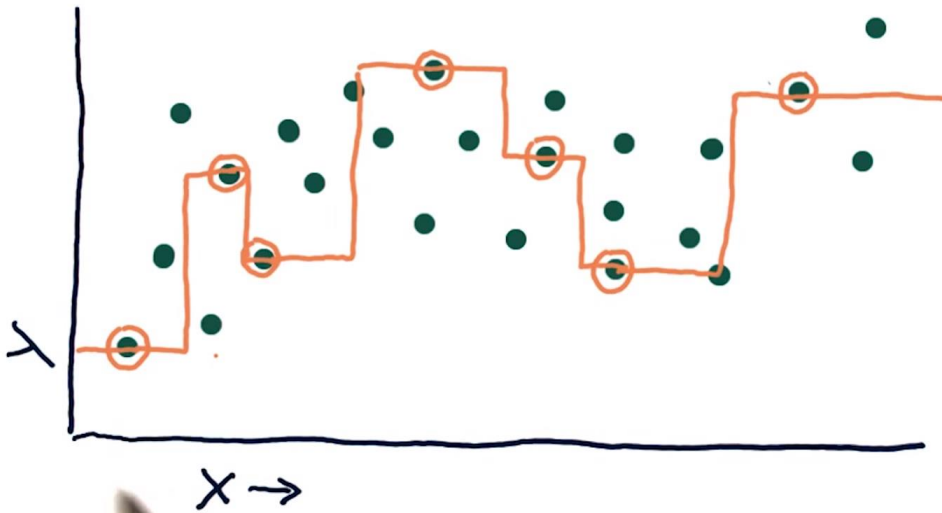# Bootstrap aggregating - bagging

n number of instances

n' number in a "bag"

m number of bags

$n' < n$
6%
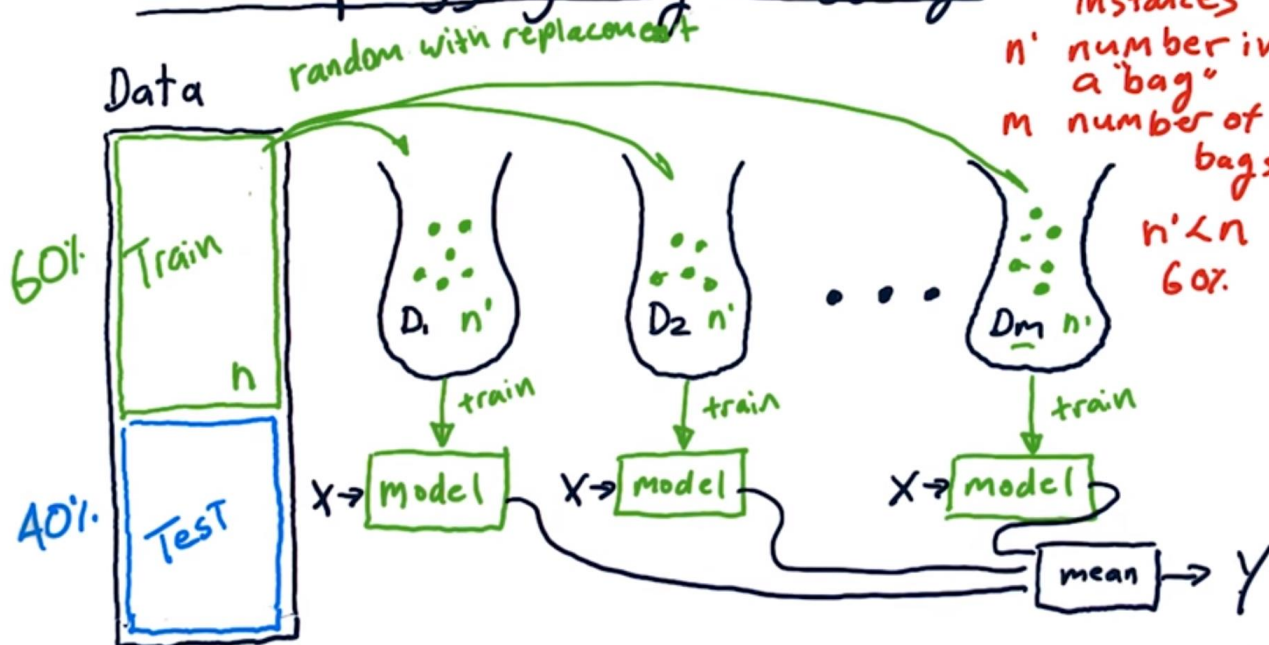
Bagging Example:

Bagging example

Y

X →

Bagging example

model 1

ensemble

model 2
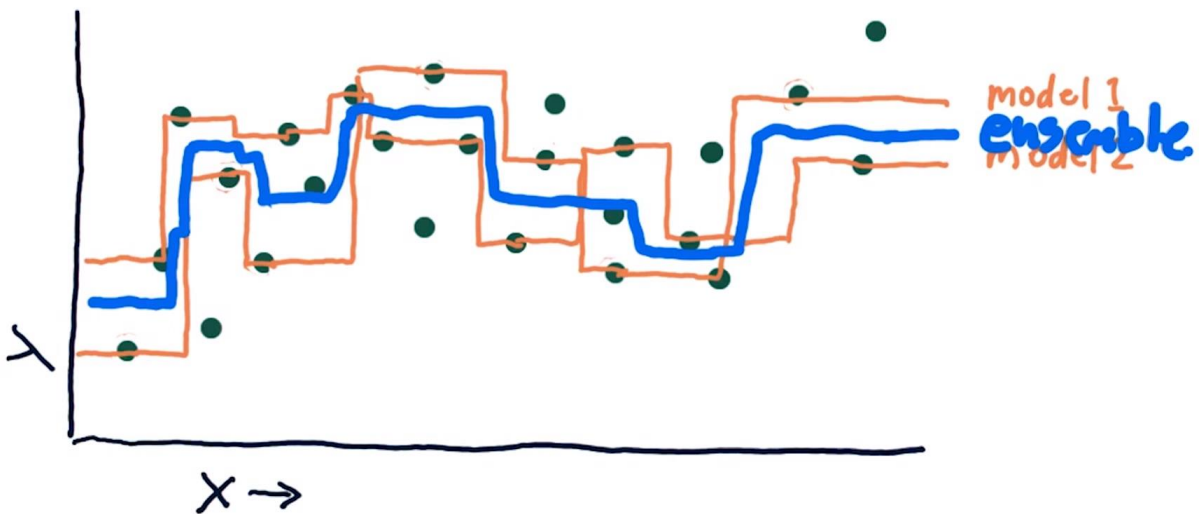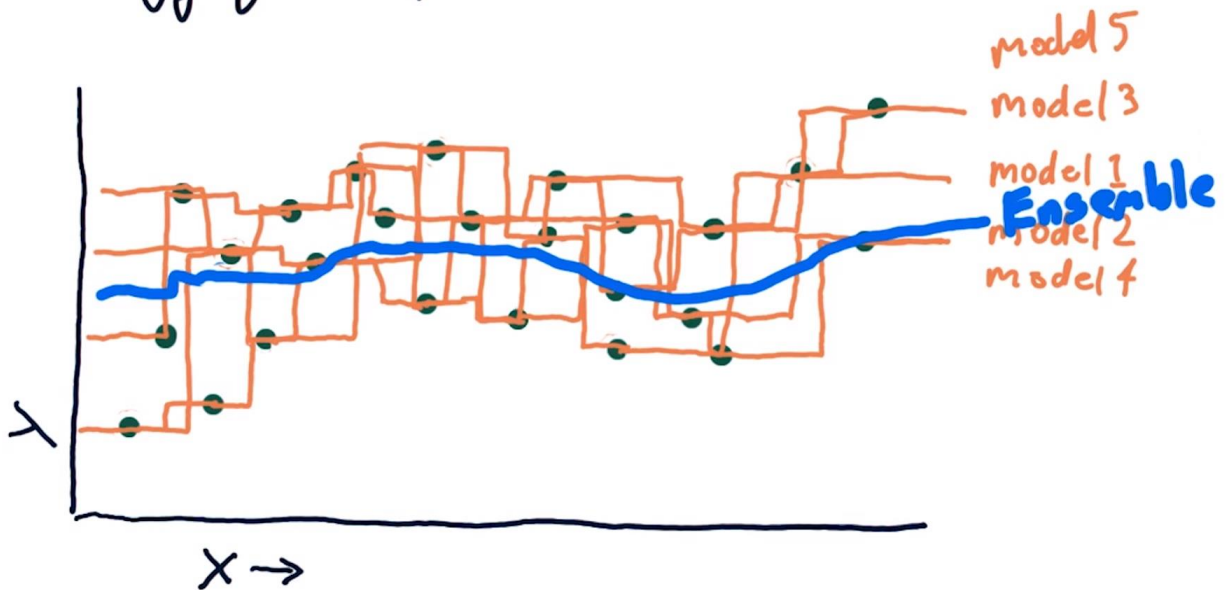
Y

X →

Bagging example

Ada-Boost: A simple variation on Bagging

Boosting: Ada Boost