

# Ensemble Technique

① What is Ensemble?

Combining Multiple Models  $\Rightarrow$  TRAIN  $\Rightarrow$  Predictions

## Two Types

i) Bagging  $\swarrow$

① Random Forest Classifier  
And Regressor

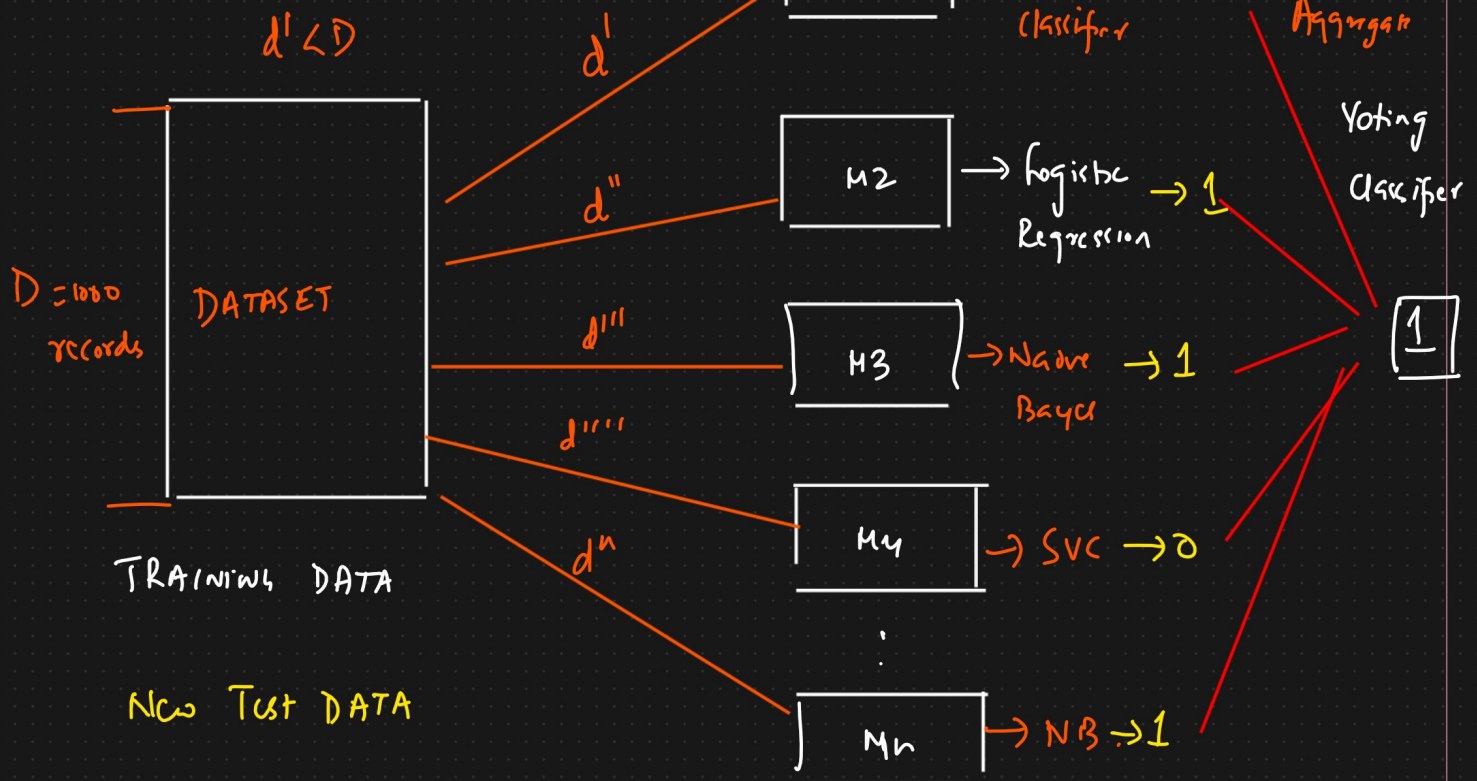
ii) Boosting.

① AdaBoost

② GRADIENT BOOST

③ Xgboost

## Bagging Technique



$\Downarrow$   
Custom Bagging Technique

Regression  $\rightarrow$  o/p  $\rightarrow$  Average