

# Ensemble Technique

① What is Ensemble?

Combining Multiple Models  $\Rightarrow$  TRAIN  $\Rightarrow$  PREDICTION

Two types

① Bagging }

① Random Forest Classifier And Regressor

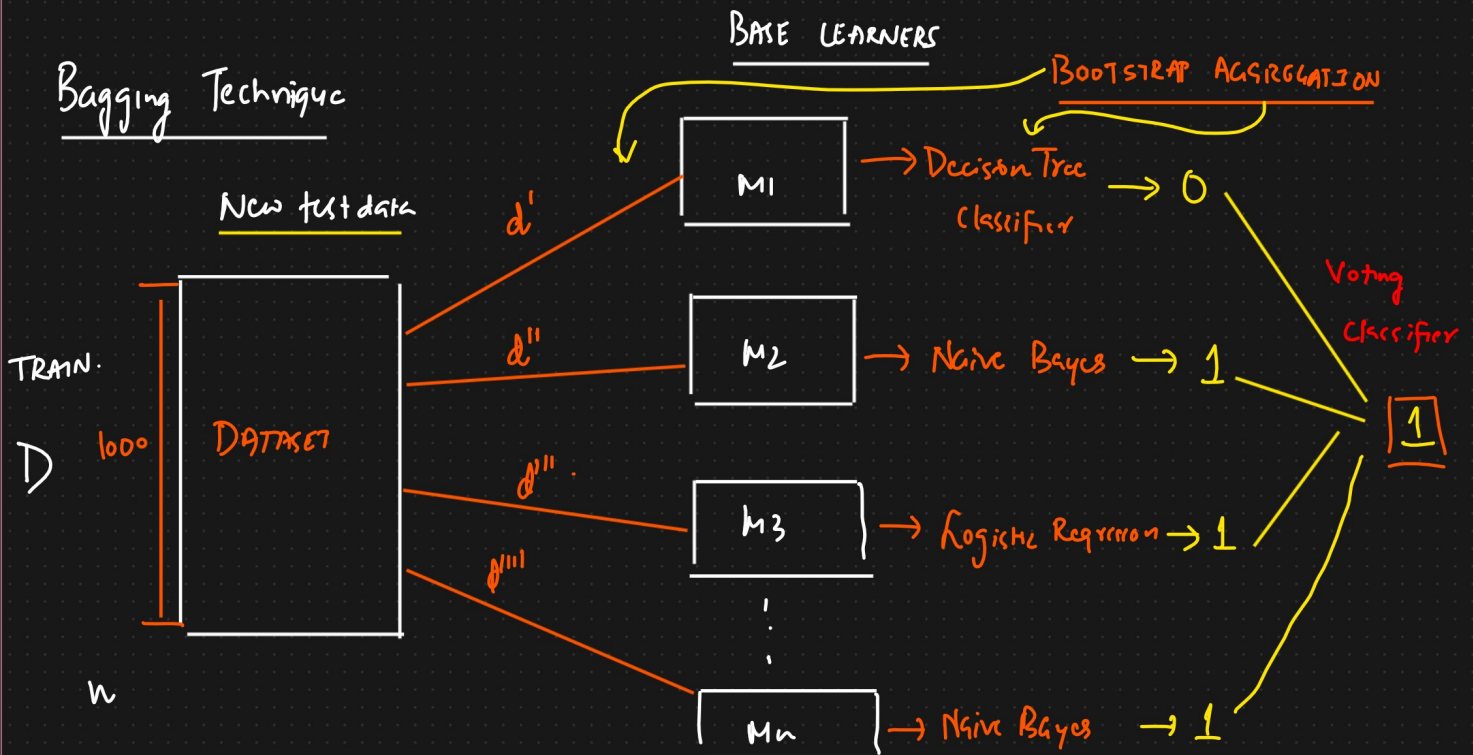
② Boosting

① AdaBoost

② Gradient Boost

③ Xgboost

Bagging Technique



Custom Bagging Technique

Regression { Average of all  
o/p  $\rightarrow$  Prediction }