

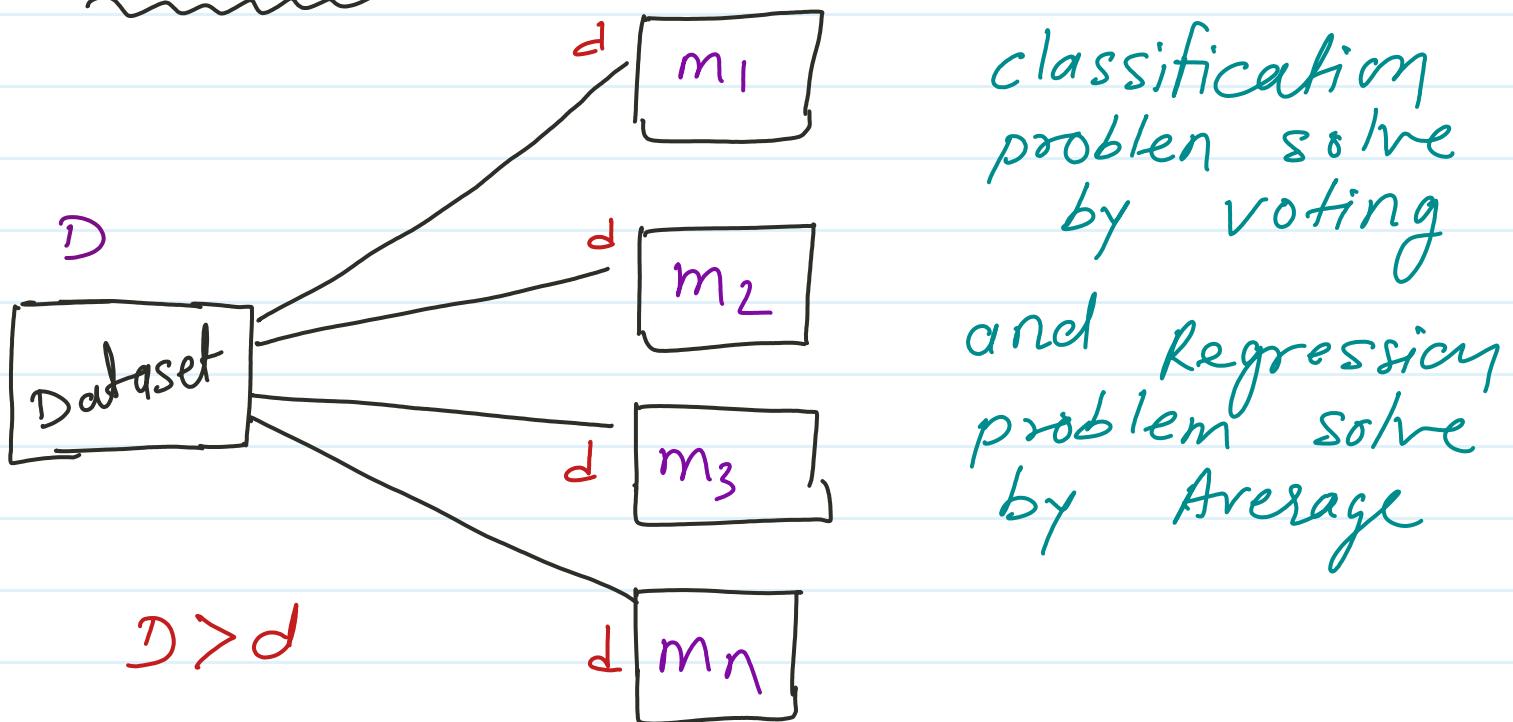
Ensemble Techniques

1) Bagging

2) Boosting

3) Stacking

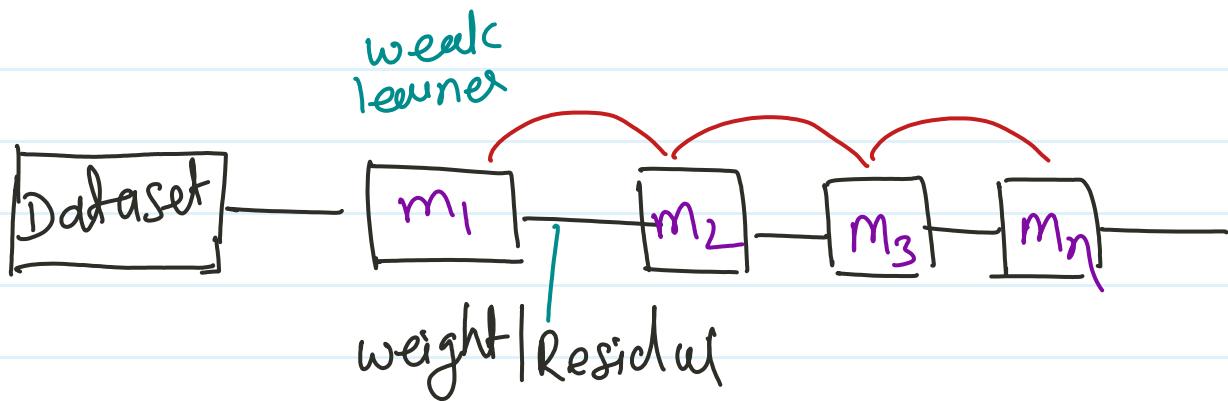
1) Bagging \Rightarrow It is called parallel learning



Type of Bagging model

- ① Homogeneous - Same Algorithms
- ② Heterogeneous - Diff. Algorithms

2) Boosting - It is called sequential learning



Boosting is also has two type

- ① Homogeneous
- ② Heterogeneous

Note - In both Bagging and Boosting
we use homogeneous model training

like Random forest, Ada boost,

Gradient boost, XGboost

we use Decision tree Algorithms
to bein ensemble learning model.

3) stacking -

