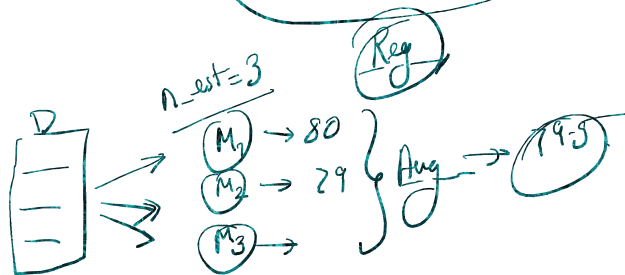
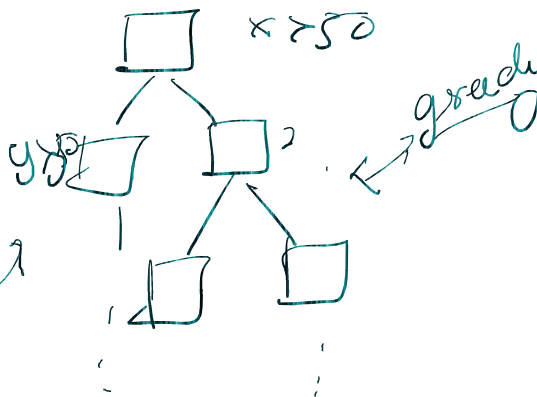
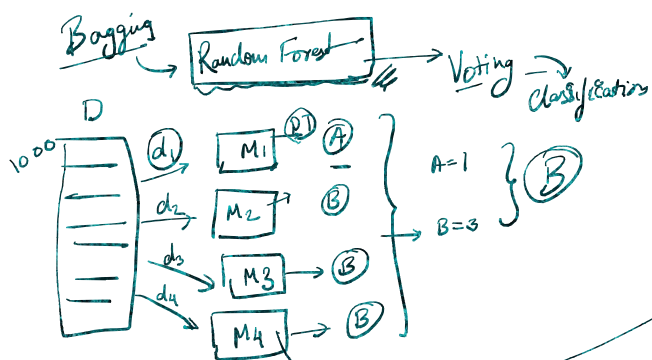
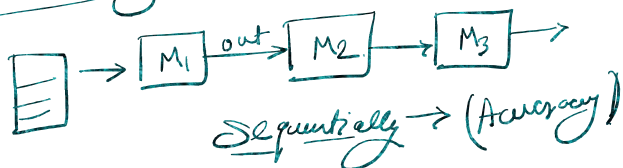


17 Bagging 22 Boosting 23 Stacking

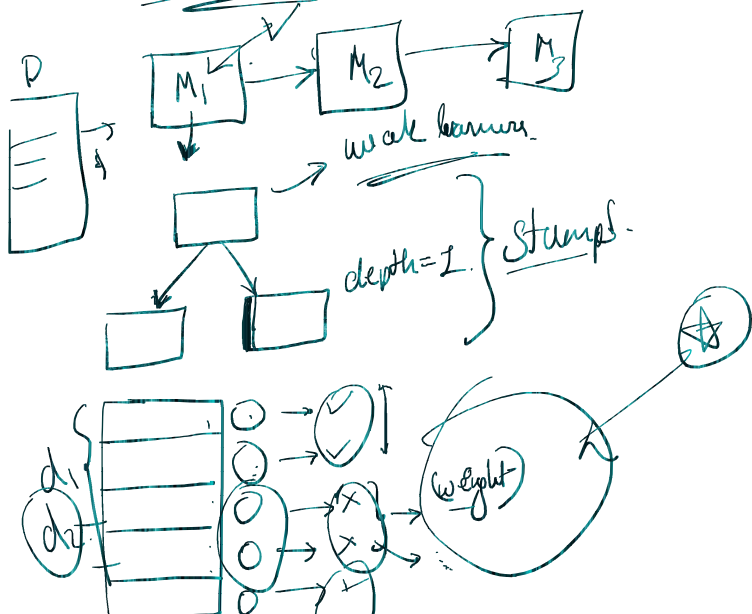
Ensemble \rightarrow M_1 M_2 M_3 ... Weak Models

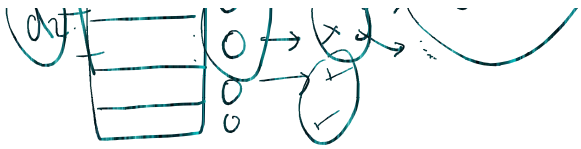


Boosting

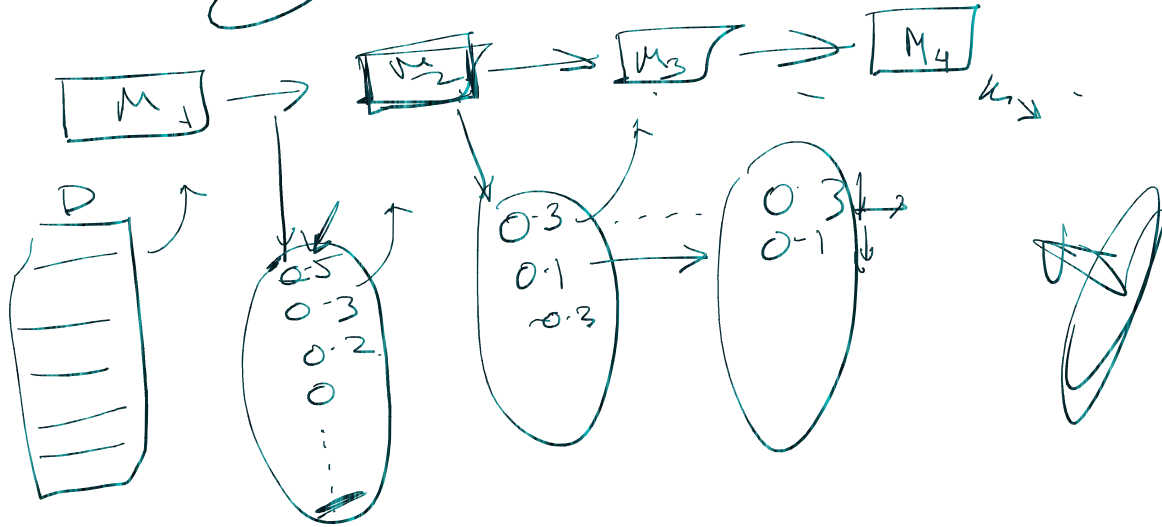


17 AdaBoost





Gradient Boosting \leftarrow Inefficient.



XGBoost \rightarrow Efficient.

