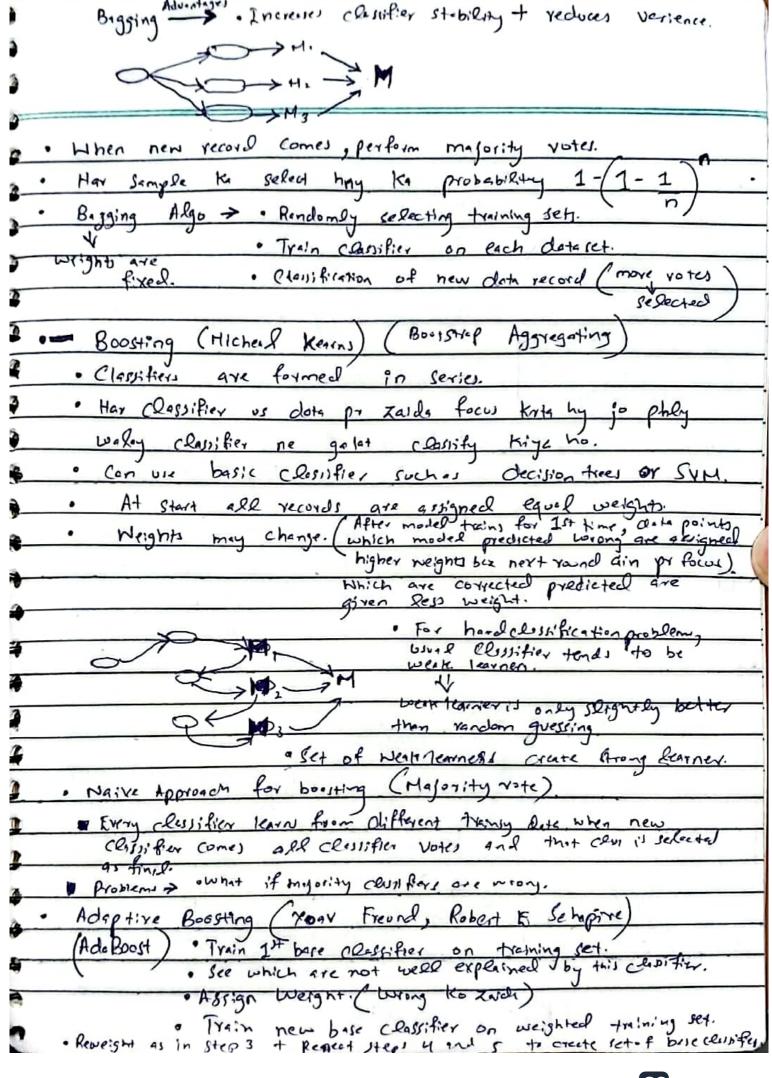
Classifier => Classifier to training data diga fita hymnica has habels abready. Then it predocts new class

We use Musti- Classifier Combination (Mcc) to solve Classification problem · When data complex, Basic or I elisifier does not perform well. By random guess result my be better If multiple independent classifiers they strengthen each other. Iteratively improves Idea originates from bootstraping. Performance Apre limited data resources Baron's Stry Problem Ka Sportion Knud Siry imprive Krng, no external 4 Thies to pull himself help. and his horse from a swomp by his · Bootstraping . Seed AT is strong AT copoble of improving itself. but no such system exists. which can improve street efficiently. · Example - . We will calculate they height of people inworld. · Take sample sixe N. + make samples with Simpling with replacement. ( some person · Repert 1000 times + carcular Aug + Variences Bootstrap Aggregating) (Leo Breiman 9 ntroduces Starting from training set, draw or semples with approach) n> no. of vecords. classifier on resulting samples. Tiain Repeat process m times to leave m classifiers Bagging gives multiple models egool vote for classification Moder vary bez training data kay chote hissay to Kr Kay model banaya jata hy. so model varies.



Bootstrop aggregating (introduces voting principle) Booting (weights for felsely (Restified objects) Adoptive Boossing (weight also for Ressifiers) Adoptive boosting > . Multiple base classifiers are created so give importance weight to them. · Weight depends that every colossifier Kitni achi taren training data 100 fit Krita hy. High importance - Agr Koi Clapitica aun examples too galat predict Kata by in ki weights Kaan barry, le, jo classifier zaide important his so and key vote Ko 9 more importance. So, ais touch weighted majority tote se final decision lige fate my (more good). Bilined weights. meins that votes of classifiers & training examples weights the assig adjust King they majority Note should be right (more accumute) AdaBoost is good as new classifus poenly classifier ki Komzori pro work Kitchy. + Kamzori & Compensate and Strengths vied.