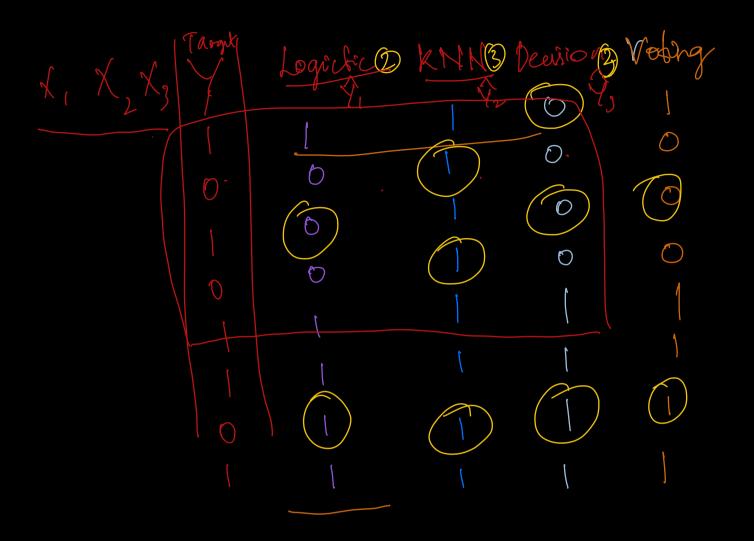
Weighed Mean

 $\frac{2(m+5)^{2}}{\sqrt{2m+5}}$ $\frac{2(m+5)^{2}}{\sqrt{2m+$

		9
	Bagging	Boosting
objective	Prevent Overfitting Reduce Variance	Improve Accuracy
Base	Independent modes Decision Tree	Deision Tre
Training	Parallel training	Seguential training
Procus	o I complir	
Sample Solution		
Prediction	Avuage - keg as	e Dota Points Rave
Weighburg of	All datapoints are equal weight	dofferent weights
Rwamphin	Jootshap samp	
Example	Random Ford	Gradient Book GBM Xgbookt

Limitations	poes not learn green mistake More space utilization May not perform will in Unbalanced socto less interpretable due of Multiple models	Sequential fraining can be slow More complex due to turning Hyperprahetes Sensitivok to hovsy data and onthiss
(tandling) Owhiers	Robust	Senisative
£ 1000		

Advanced Ensemble Techique Combining weak learners to become strong learners Combining strong leavners to become lver more stronger Voting Classification Decision KNN Logistic Tru Clarification Regression Tobing



Stacking Technique

**KIKIKNO!*

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Regression

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Naire And old to the prediction

The winds n'il old

True

