

(*) Bagging Vs Boosting

- Low Bias
↳ Fully grown D.T.

High bias
↳ Small D.T.

- High Variance

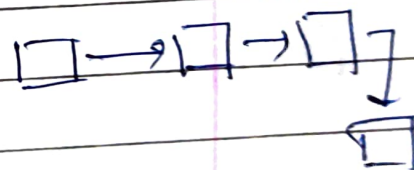
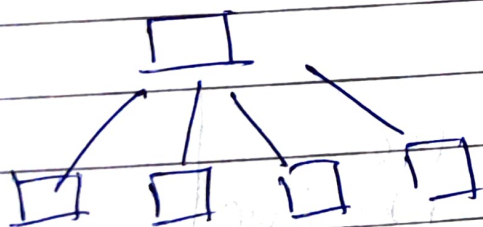
Low Variance

- Sequential

Parallel

- Weightage is equal

Weightage is unequal



(*) Lazy Learning - KNN

Eager Learning - Dec. Trees.

- (*) Bias - inability to fit training data.
- Variance - inability to predict testing data.

(*)

Parametric

Fixed no. of
parameters

Non-Parametric

Not fixed amount
of parameters.

(*)

	Pred.	
Actual	True Positive	False Negative
	False Positive	True Negative

(*)

Online Machine Learning

↳ SVM, partial fit.