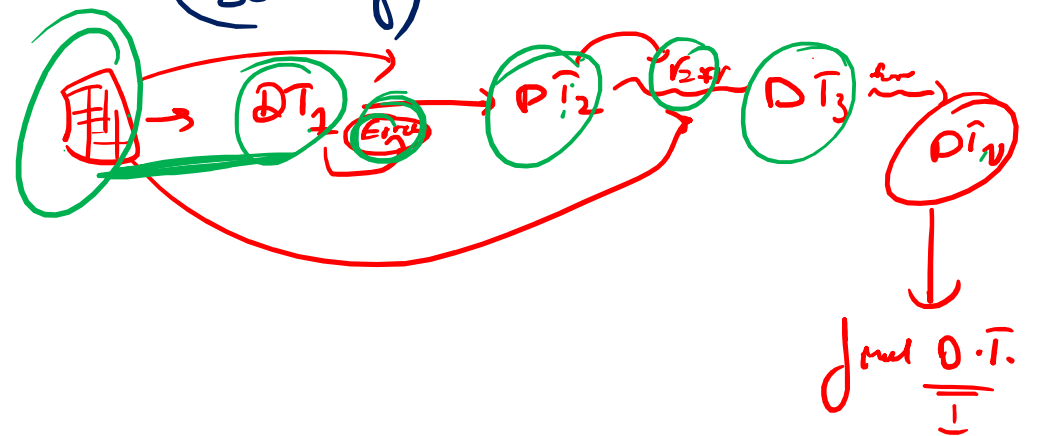


→ Ensemble Models → Aggregation / combination → Decision Trees.

Parallel
(Bagging)
Bootstrap Aggregation

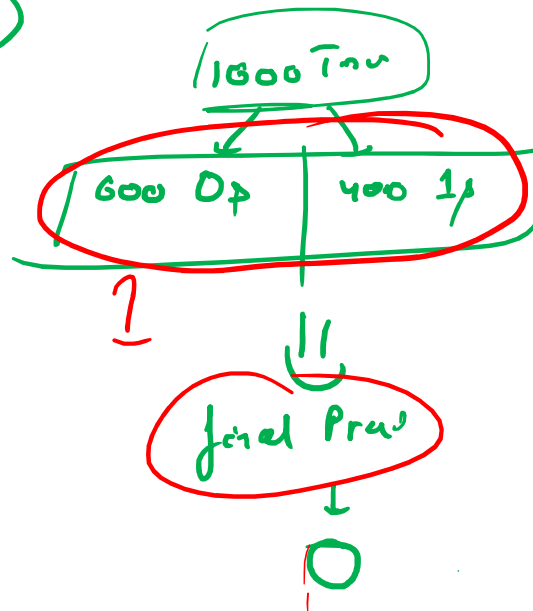
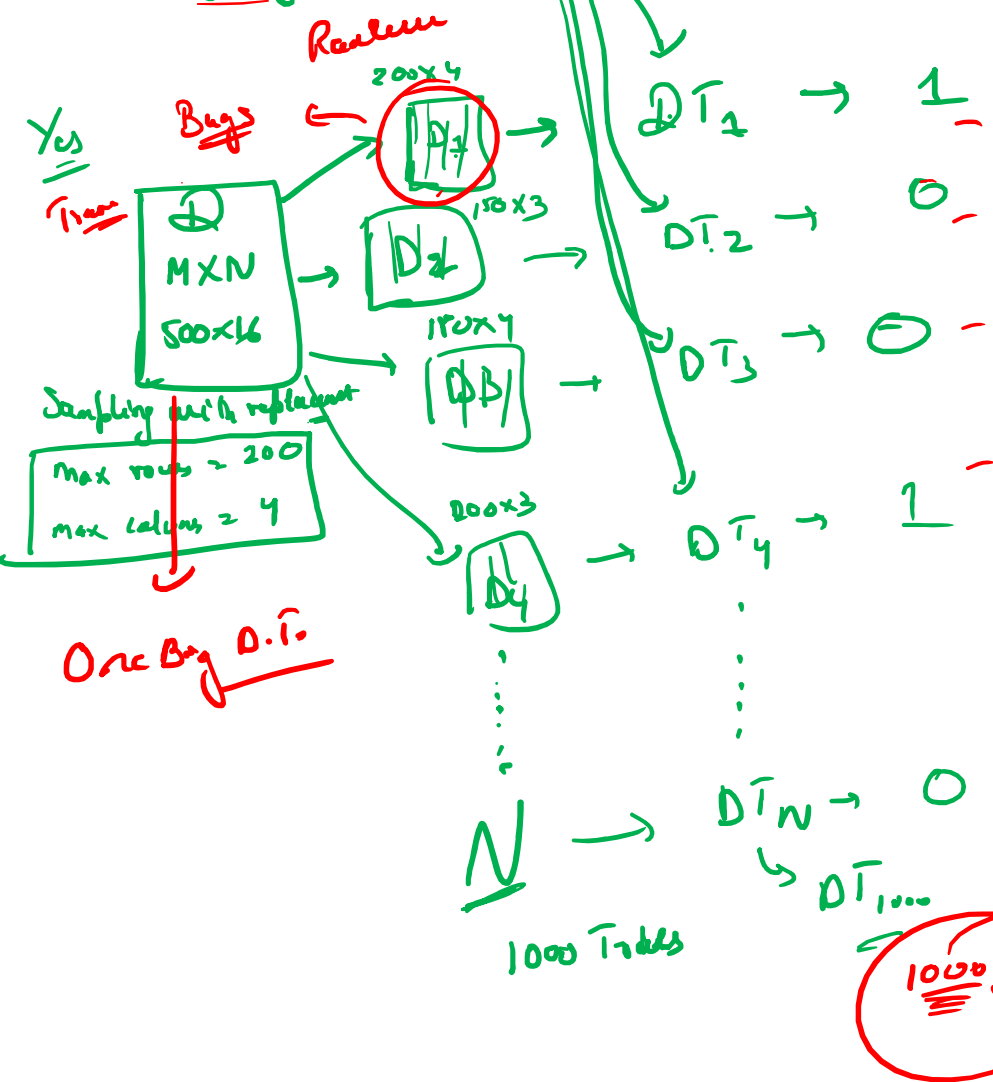


Sequential
(Boosting)



→ Bagging

(0, 1)



X, median, Mode

$\sqrt{30 \text{ cols}}$ 692
19.20

Max no. of trees = $\frac{2}{3} M$

n max no. of cols = \sqrt{N}
= $N/2$
= $\log_2 N$

→ Random Forest