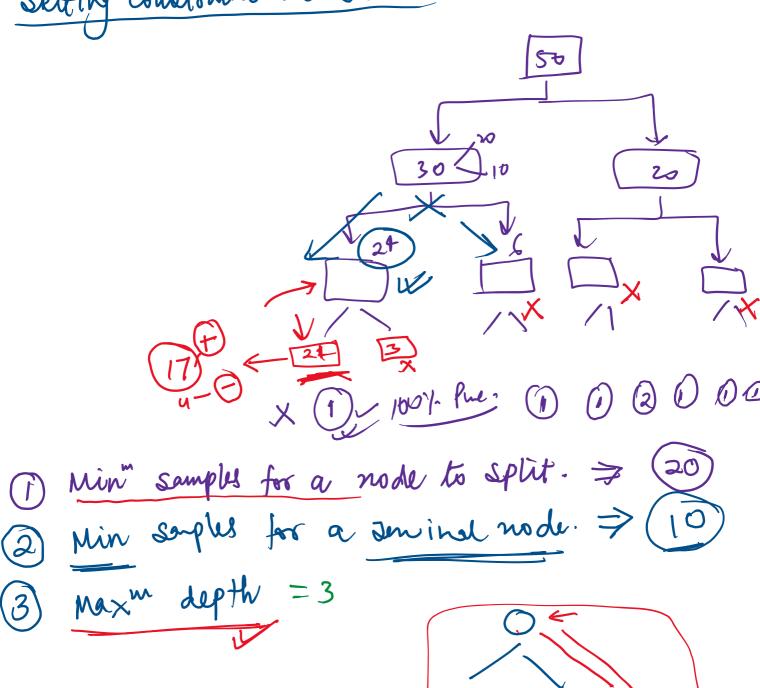
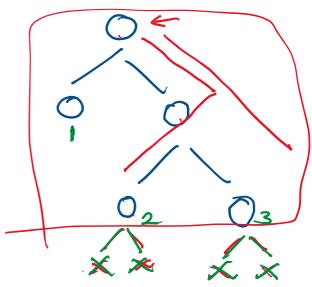
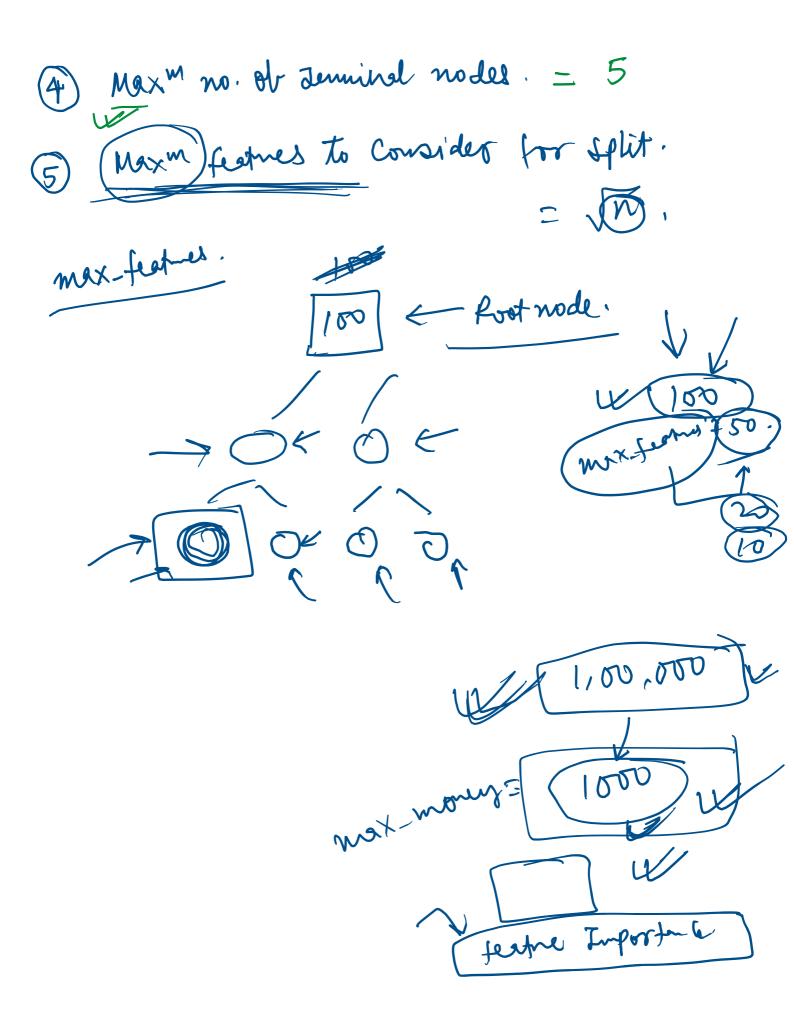
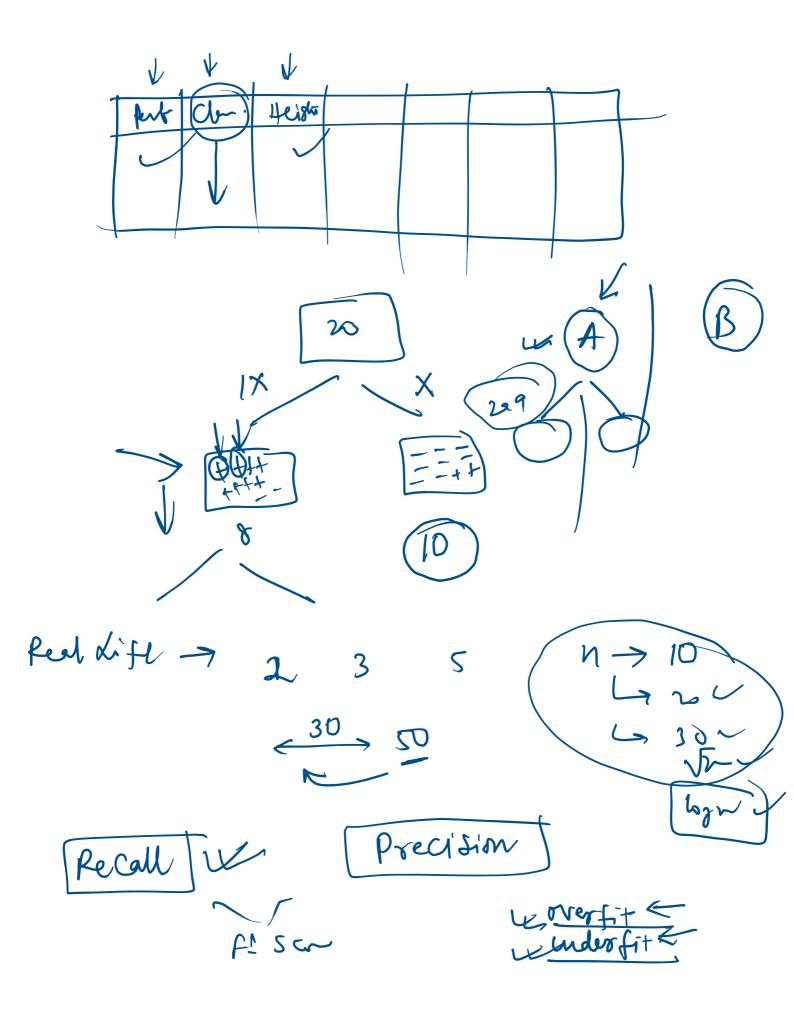
setting constraint on Tree

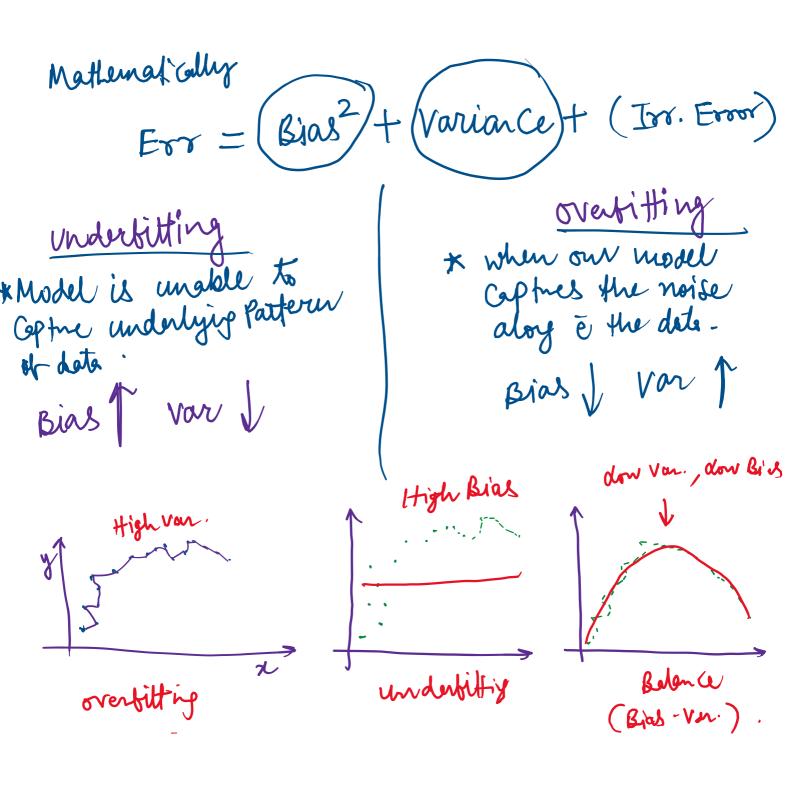








mich 1 Accom. 1 Auc of Roc > Post-Prump max-leat-nodes > - min saple-but -> mex_depth > Bias & vouiance (Tradeoft) Bias's ditt but any. Prediction of our model of the correct value which it's trying to fredict. model is Paying little Bias 1 attention to data. (oversimplify) variability of the prediction. vaniance: (spread of our detailet) pays a lot of attention to trains date. vavance 1 scre Litt (Tr. 1 Tel)



Bias Variance Fradeoff. Total Errol complexity cross validation W(K-fold Cross Validation) 8 (w) (m) (m)

ont of k should

The subset > fest set

(K-1)

Trains set.

Frails

Exorr estimation is averaged over all Trails

Result > (peduces Bias)/

Peduce variance