

# Decision Tree Post Pruning And Pre Pruning [Reduce Overfitting]

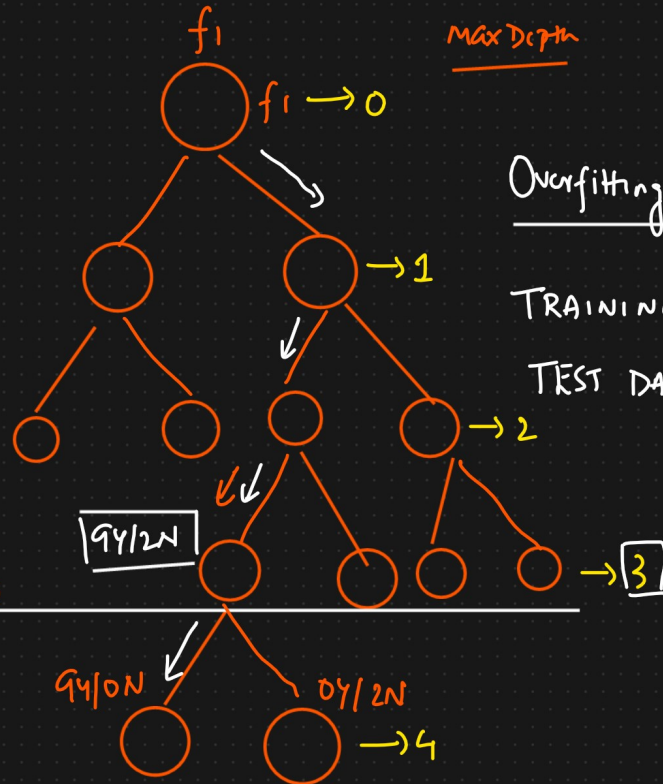
Training Data

Max Depth

Overfitting

TRAINING ACC  $\uparrow\uparrow$

TEST DATA ACC  $\downarrow\downarrow$



① Post Pruning

② Pre Pruning

To Reduce Overfitting.

① Post Pruning

② Decision Tree Construct

③ Prune the Tree

② Pre pruning = Hyperparameter Tuning

max depth

Criterion

$\Downarrow$   
Large Dataset

