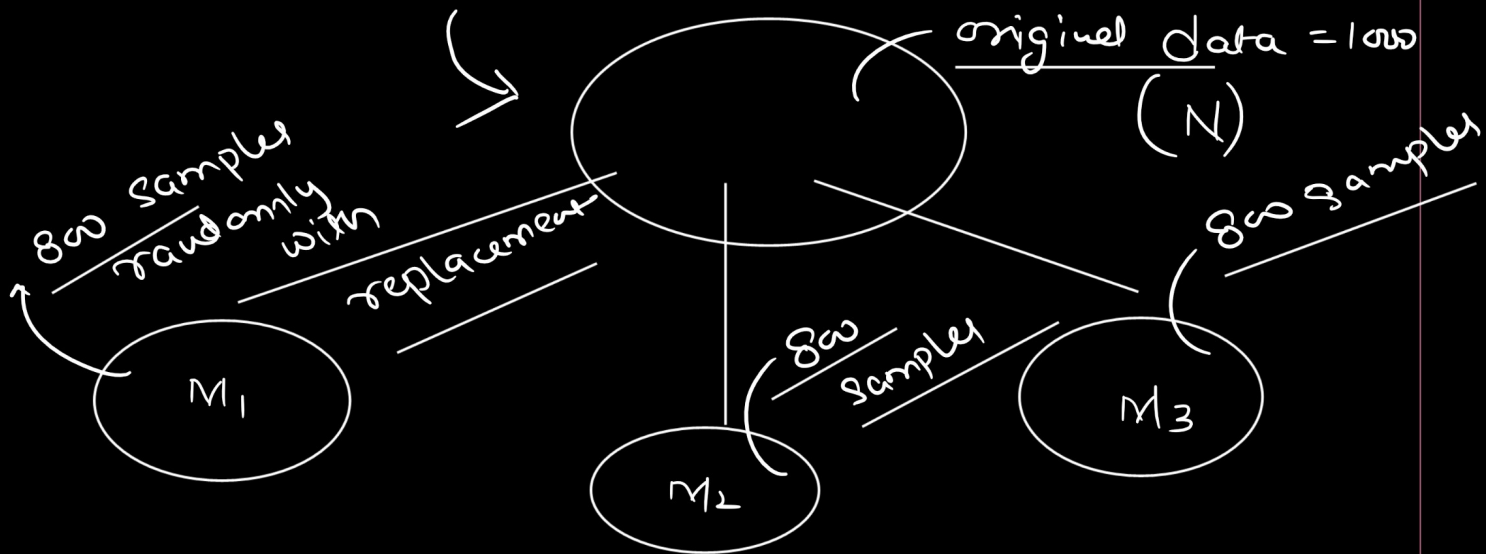


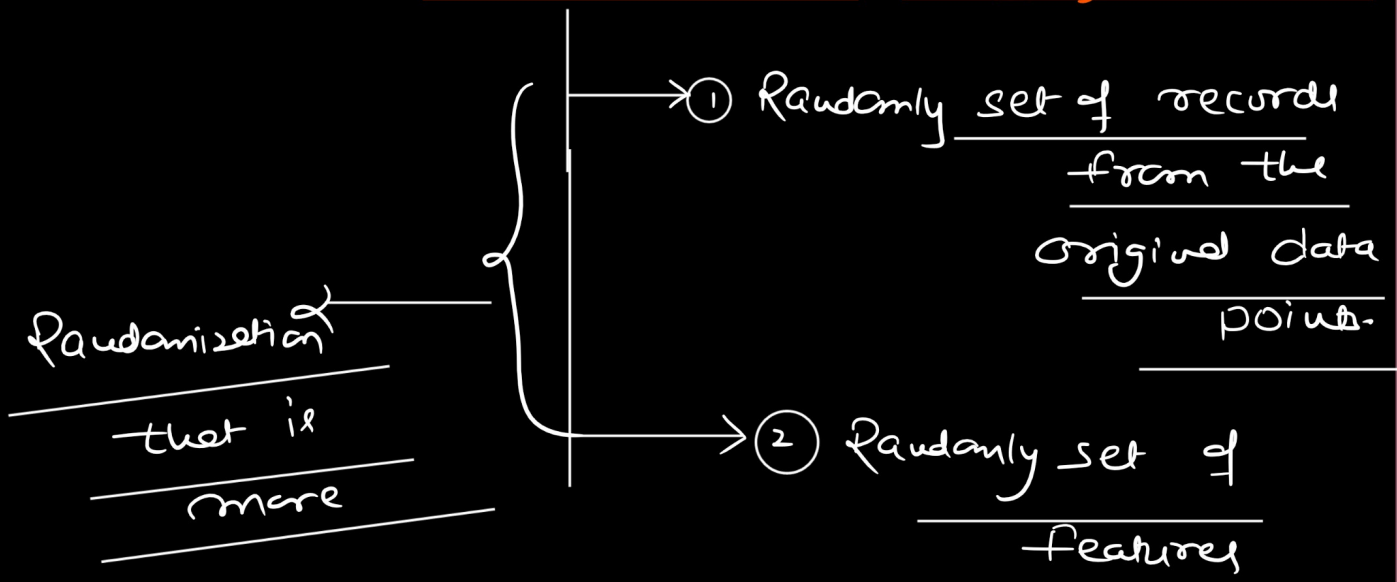
Random forest

→ Part of a bagging technique
(Decision Tree)

Bagging Classifier (estimator = DecisionTreeClassifier)



Random forest vs Bagging Classifier



Dataset

→ best hyperparameters
(for a given model)

① GridSearchCV → slow process → Dictionary → Value
(Most accurate results) max_depth: [None, 10, 20, 30]
Key

grid-search-best-param- → return the
best optimised
parameters

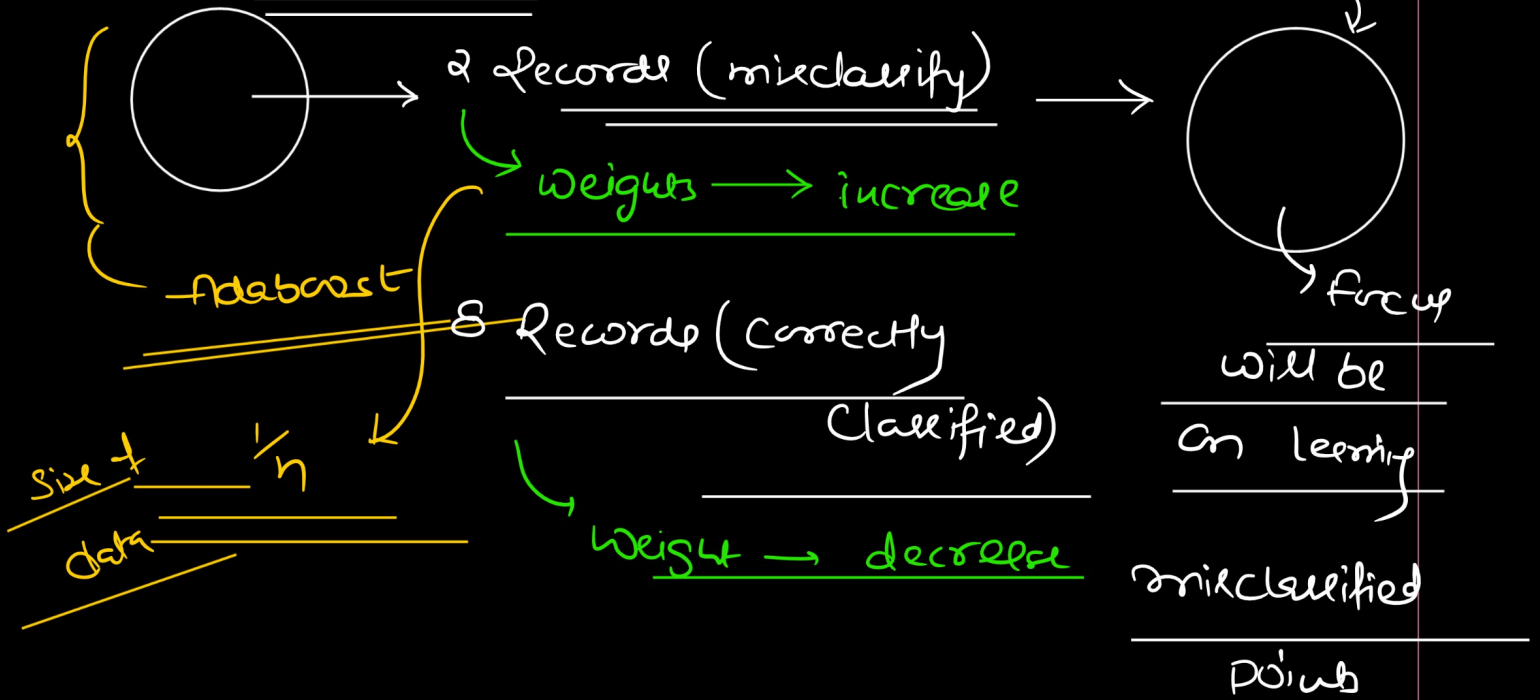
→ faster

② RandomizedSearchCV → Dictionary

Boosting \rightarrow max-depth=1

\hookrightarrow DT \rightarrow stump

weak learner



Process \rightarrow one after another

(Not in a parallel fashion)

in a correct manner

