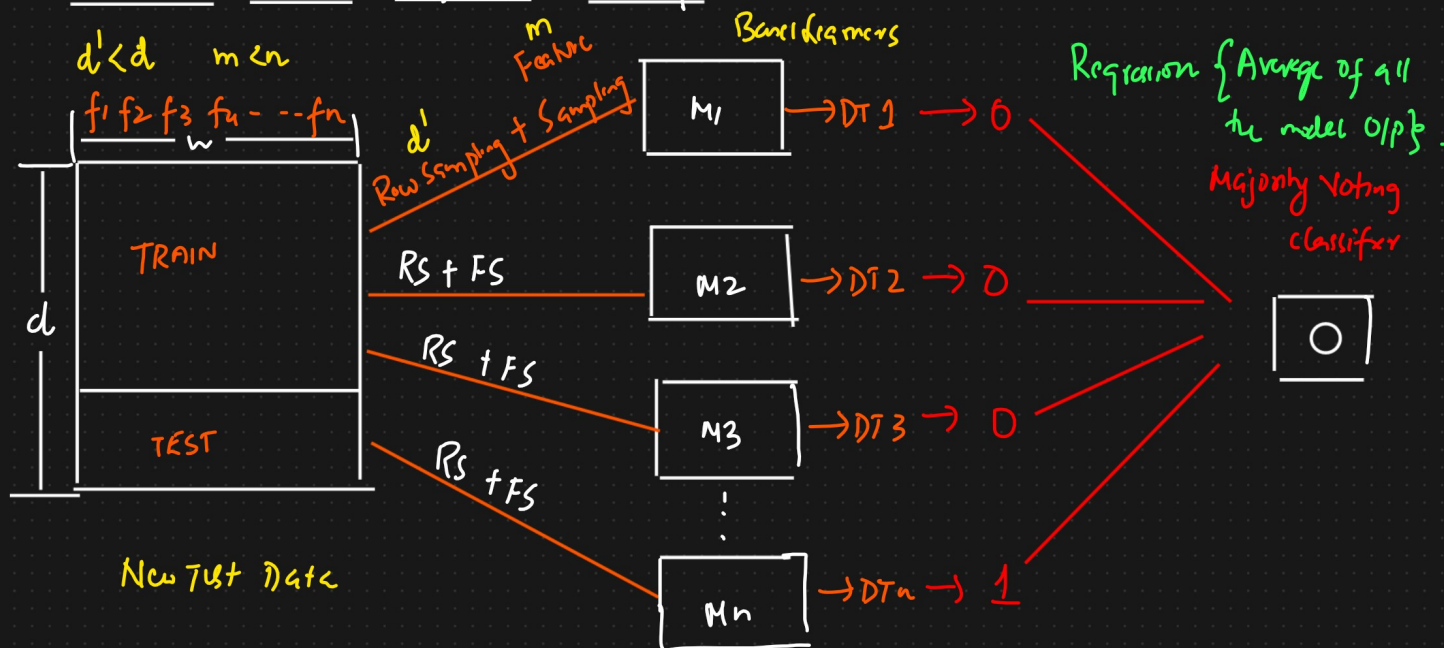


Random Forest Classifier And Regressor



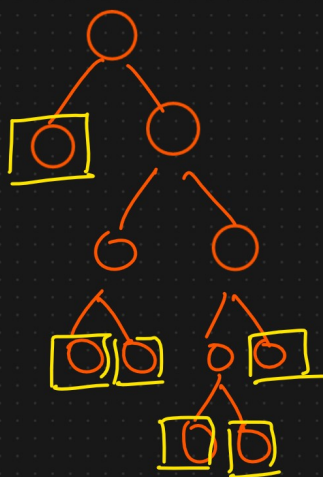
Note:

Classification \rightarrow Majority Voting Classifier

Regression \rightarrow Average o/p of all the models.

(*) Why should we use Random Forest instead of DT?

Decision Tree



Overfitting

Generalized model

Low Bias, low Variance

Random Forest

TRAINING ACC $\uparrow\uparrow \rightarrow$ Low Bias \rightarrow Low Bias

Test DATA ACC $\downarrow\downarrow \rightarrow$ High Variance \rightarrow Low Variance

