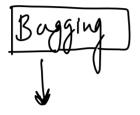


## Introduction to Random Forest

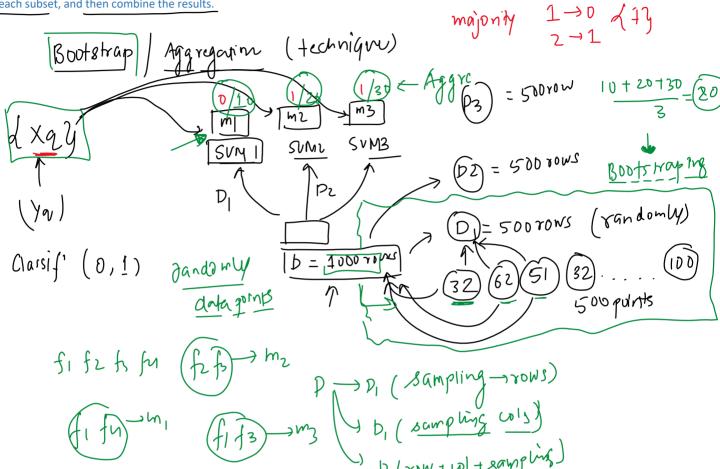
29 July 2023 15:52

Random Forest is a <u>versatile</u> and widely used machine learning algorithm that belongs to the class of ensemble methods. Specifically, it is a type of <u>bagging technique</u>, which involves training <u>many individual models</u> (in this case, <u>decision trees</u>) and <u>combining their outputs</u> to make a final prediction.

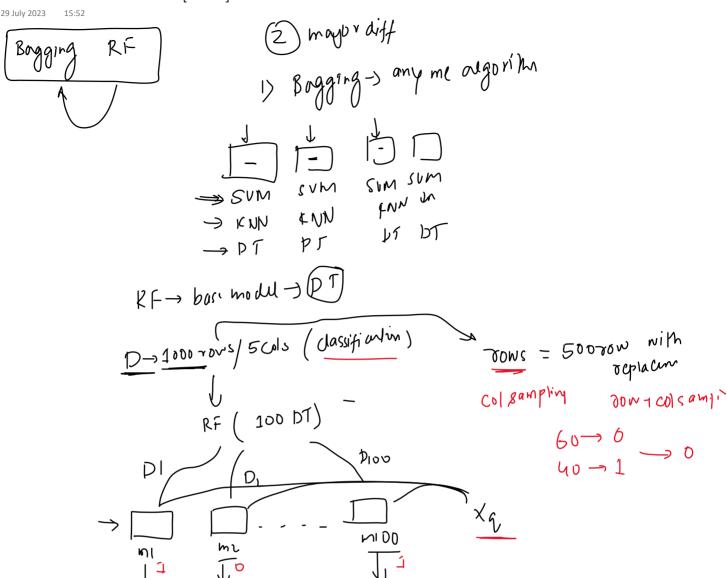


Bogging

Bagging, short for bootstrap aggregating, is a machine learning ensemble method designed to improve the stability and accuracy of machine learning algorithms used in statistical classification and regression. It also helps to avoid overfitting. The key principle of bagging is to generate multiple subsets of the original data (with replacement), train a separate model for each subset, and then combine the results.



## Random Forest Intuition [Code]



29 July 2023 15:56 Wisdom of the crowd different background RF -> Boolsho onlyc ml 100 DT yolow ONVS Bias -variance Tradelf Bias X Variance Random Prop

