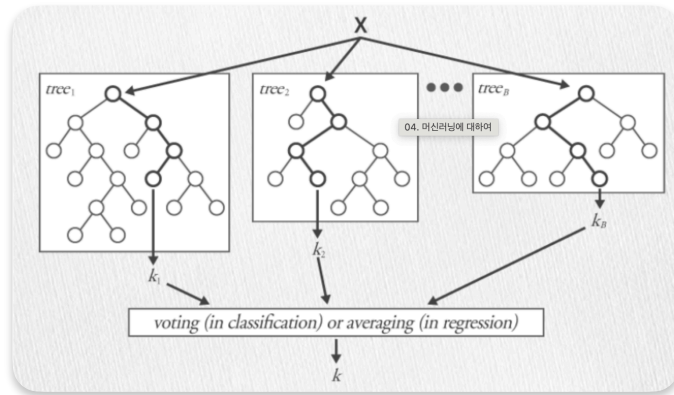


Bagging

Bagging: Short for Bootstrap Aggregating. Literally, it's a method of creating multiple bootstraps and aggregating them to produce the final predictive model.



Boosting

Boosting: While Bagging is a **parallel** learning approach where multiple bootstraps don't influence each other, Boosting is a technique that **sequentially** trains multiple models, with each subsequent model learning based on the results of the previous model. Through this process, the model is designed to better capture errors by assigning weights to the incorrectly predicted instances. Roughly speaking, the difference between Bagging and Boosting is that Bagging focuses on creating several general models, while Boosting focuses on difficult-to-solve problems.

