

# 랜덤 포레스트(배포용)

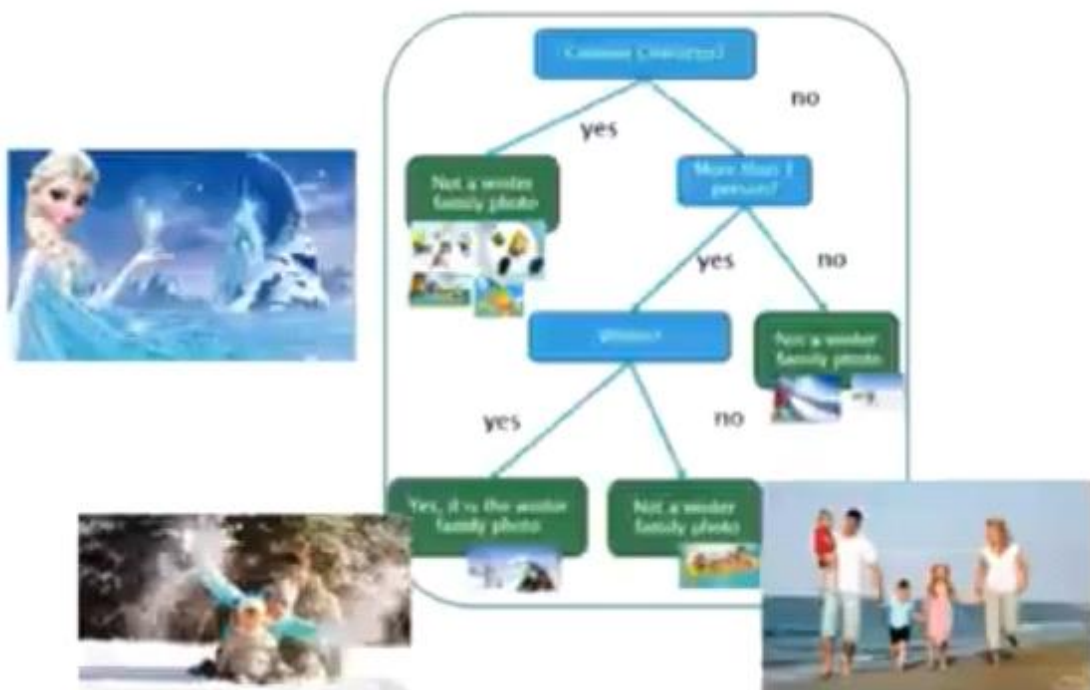
2019년 1월 23일 수요일 오전 11:30

## What is Random Forest?

small diverse decision trees  
voting for one decision

## What is decision tree?

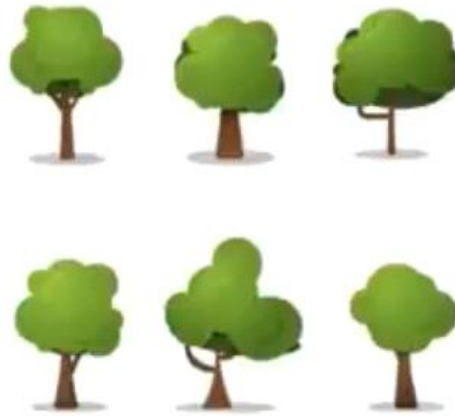
Choose best feature to split



# decision tree vs. random forest



decision tree



random forest

## apple, orange classifier



decision tree

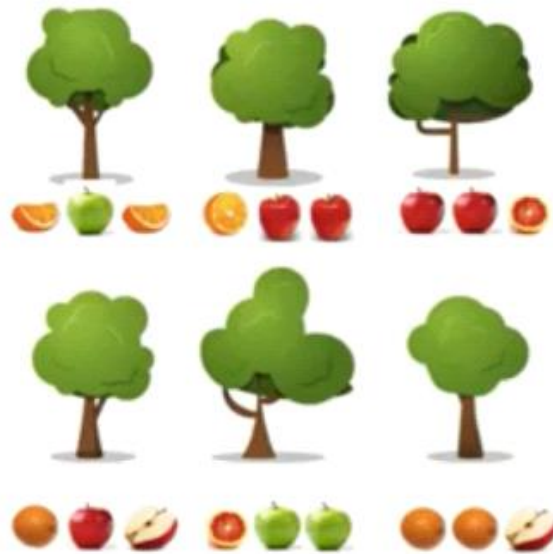


random forest

random forest keyword1:  
boosting: biased data collection

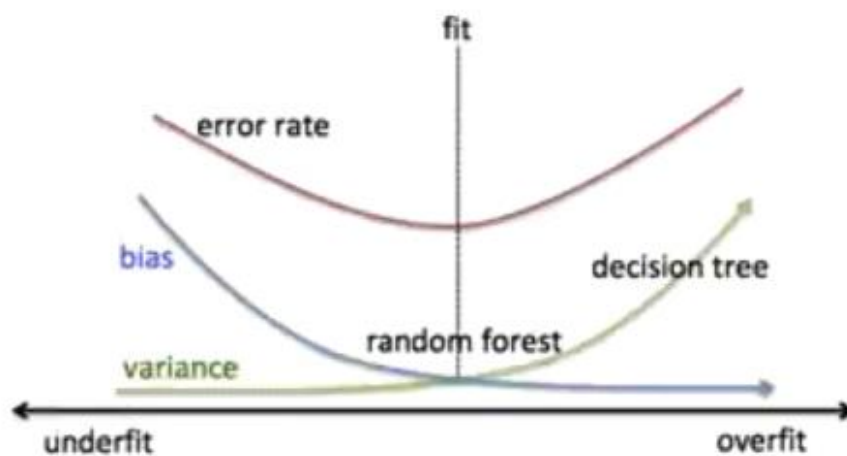


decision tree

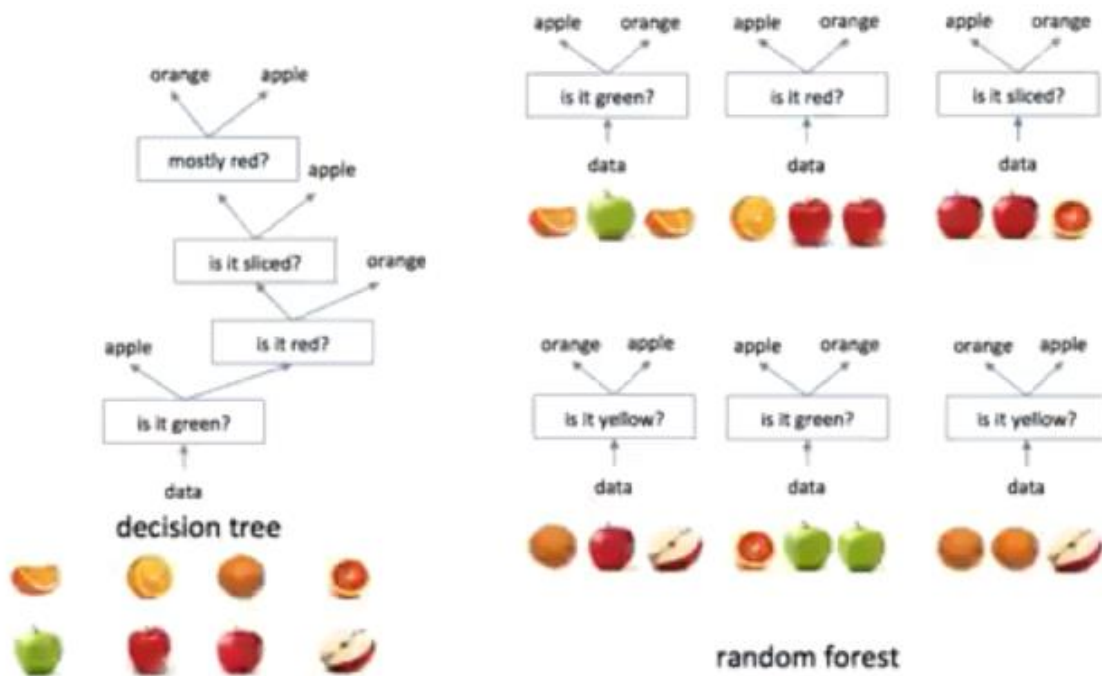


random forest

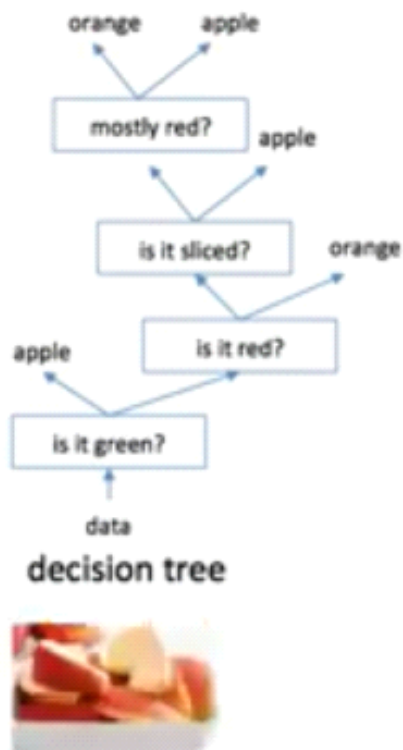
more variances vs. less variances



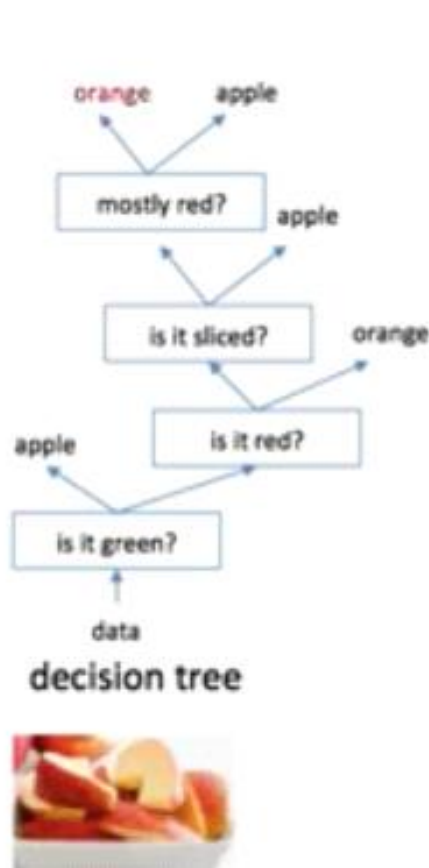
# random forest keyword2: random selection of feature set



# apple, orange classifier



# random forest keyword3: aggregating of result (voting)



random forest prediction: **apple**