

Max feature :-

Optimum

Q5

## HyperParameter tuning

RandomForest classifier & regressor both have hyperparameters.

Since we don't know the best value to give to the parameter, so as to get a good accuracy score, we use Hyperparameter tuning.

### Grid Search CV

Used: When data set is small and less hyperparameter.

takes entire parameter as a grid.

### Random CV

When data set is large.

It ~~looks~~ randomly picks a bunch of samples to use as a value in the parameter. It may or may not give best results.

Verbose=2  
to show  
O/P while it/  
handles process

n\_jobs=-1  
runs everywhere  
so as to speeden  
up the process