

# Finetuning des GradientBoosting-Estimators mit Gridsearch

```
learning_rate:      [0.05, 0.1, 0.2],  
min_samples_split:  [4,10,20],  
min_samples_leaf:   [2,5,10],  
max_depth:          [3,6,9],  
subsample:          [0.85,1],  
n_estimators:       [75,100,150],
```

Bestes Parameterset ( accuracy of 0.951):

```
subsample': 1, 'n_estimators': 75, 'min_samples_leaf': 10, 'learning_rate': 0.1, 'loss': 'exponential',  
'min_samples_split': 30, 'max_depth': 6,}
```