

Random Forest – Model Creation

Parameters : `--criterion='squared_error'—`

`criterion{"squared_error", "friedman_mse", "absolute_error", "poisson"},
default="squared_error"`

Hyper Parameter: `-- criterion='squared_error', n_estimators =100 --`

`n_estimators =int, default=100` For more : <https://scikit-learn.org/stable/modules/generated/sklearn.ensemble.RandomForestRegressor.html>

To create model :

```
from sklearn.ensemble import RandomForestRegressor  
  
regressor=RandomForestRegressor(n_estimators=50, random_state=0)  
  
regressor.fit(x_train,y_train)
```

Scores

SL.NO	criterion	estimators	R Scores
1	squared_error (mse)	100	0.9390670892036406
2	squared_error (mse)	10	0.9306461800902199
3	friedman_mse	100	0.9385107201370783
4	friedman_mse	10	0.9135636787401655
5	absolute_error (mae)	100	0.9430357770388706
6	absolute_error (mae)	10	0.9412973991136578