

## 4. Decision Tree

(criterion; default="squared error")

(splitter; default="best")

### Hyper-tuning parameters & R\_score value

S.NO	CRITERION	SPLITTER	R_SCORE VALUE
1.	Squared error	Best	0.927
2.	Squared error	random	0.904
3.	friedman_mse	Best	0.909
4.	friedman_mse	random	0.952
5.	absolute_error	Best	0.935
6.	absolute_error	random	0.763
7.	Poisson	Best	0.917
8.	Poisson	random	0.938

**R\_score Value = 0.952**

(friedman\_mse , random)