

## Random Forest

S.no	CRITERION	N_ESTIMATORS	MAX FEATURES	R2 VALLUE
1	Squared error	50	Sqrt	0.7774
2			Log2	0.7885
3			Auto	0.9484
4		100	Sqrt	0.8090
5			Log2	0.8099
6			Auto	0.9447
7	Friedman mse	50	Sqrt	0.8376
8			Log2	0.7897
9			Auto	0.9406
10		100	Sqrt	0.8064
11			Log2	0.8429
12			Auto	0.9407
13	Absolute error	50	Sqrt	0.8039
14			Log2	0.8311
15			Auto	0.9427
16		100	Sqrt	0.8238
17			Log2	0.7619
18			Auto	0.9378
19	Poisson	50	Sqrt	0.7339
20			Log2	0.7497
21			Auto	0.7905
22		100	Sqrt	0.6856
23			Log2	0.7753
24			Auto	0.7911

Criterion(squared\_error),max\_features(auto),n\_estimators(50)=r2value=0.9484