

## Random forest

Random Forest **r2\_score = 94** (Criterion : poison, Max\_features : float = 1.0, n\_estimators = 50)

SR NO	Criterion	Max features	n_estimators	r2 value
1	squared_error	1.0	10	0.9028
2	squared_error	1.0	50	0.9411
3	squared_error	sqrt	10	0.5271
4	squared_error	sqrt	50	0.6845
5	squared_error	log2	10	0.5271
6	squared_error	log2	50	0.6845
7	absolute_error	1.0	10	0.9281
8	absolute_error	1.0	50	0.9401
9	absolute_error	sqrt	10	0.7210
10	absolute_error	sqrt	50	0.7221
11	absolute_error	log2	10	0.7210
12	absolute_error	log2	50	0.7221
13	friedman_mse	1.0	10	0.9028
14	friedman_mse	1.0	50	0.9411
15	friedman_mse	sqrt	10	0.5271
16	friedman_mse	sqrt	50	0.6845

17	friedman_mse	log2	10	0.5271
18	friedman_mse	log2	50	0.6845
19	poisson	1.0	10	0.9304
20	poisson	1.0	50	0.9463
21	poisson	sqrt	10	0.7477
22	poisson	sqrt	50	0.7242
23	poisson	log2	10	0.7477
24	poisson	log2	50	0.7242