

## Random Forest :

If parameters are not passed then r\_score value is 0.95

SL.NO	n_estimators	criterion	max_features	R_score
1	100	squared_error	None	0.9398
2	50	squared_error	None	0.9361
3	100	squared_error	Sqrt	0.7982
4	100	squared_error	Log2	0.8305
5	50	squared_error	Log2	0.7710
6	50	squared_error	Sqrt	0.7395
7	100	friedman_mse	Sqrt	0.8041
8	50	friedman_mse	Sqrt	0.8326
9	100	friedman_mse	Log2	0.7966
10	50	friedman_mse	Log2	0.8015
11	100	friedman_mse	None	0.9335
12	50	friedman_mse	None	0.9316
13	100	absolute_error	None	0.9406
14	50	absolute_error	None	0.9407
15	100	absolute_error	Log2	0.8208
16	50	absolute_error	Log2	0.8281
17	100	absolute_error	Sqrt	0.8292
18	50	absolute_error	Sqrt	0.8234
19	100	Poisson	Sqrt	0.6983
20	50	Poisson	Sqrt	0.7446
21	100	Poisson	Log2	0.7965
22	50	Poisson	Log2	0.8004
23	100	Poisson	None	0.9392
24	50	Poisson	None	0.9495

Among the above options "RandomForestRegressor()" is the best model and r\_score value is 0.95