

1.RandomForest:

S.NO	CRITERION	MAX Features	N_Estimators	R ² VALUE
1	squared_error	none	50	0.94463
2	squared_error	none	100	0.94600
3	squared_error	sqrt	50	0.68300
4	squared_error	sqrt	100	0.75915
5	squared_error	log2	50	0.68300
6	squared_error	log2	100	0.75915
7	friedman_mse	none	50	0.93889
8	friedman_mse	none	100	0.94127
9	friedman_mse	sqrt	50	0.6889
10	friedman_mse	sqrt	100	0.76085
11	friedman_mse	log2	50	0.68891
12	friedman_mse	log2	100	0.76085
13	absolute_error	None	50	0.94019
14	absolute_error	None	100	0.94590
15	absolute_error	sqrt	50	0.72223
16	absolute_error	sqrt	100	0.78574
17	absolute_error	log2	50	0.72223
18	absolute_error	log2	100	0.78574
19	poisson	None	50	0.94635
20	poisson	None	100	0.94138
21	poisson	sqrt	50	0.72086
22	poisson	sqrt	100	0.77176
23	poisson	log2	50	0.72086
24	poisson	log2	100	0.77176

Random Forest - Regression ,acceptable R² value=0.94635

Used Parameters :(CRITERION: Poisson, max_features:None , N_Estimator:50)