

## DECISION TREE:

SI.NO	CRITERION	SPLITTER	MAX_FEAURES	R VALUE
1	<i>friedman_mse</i>	best	sqrt	0.01916
2	<i>friedman_mse</i>	random	sqrt	0.84097
3	<i>friedman_mse</i>	best	log2	0.62467
4	<i>friedman_mse</i>	random	log2	0.38290
5	<i>friedman_mse</i>	best	none	0.89046
6	<i>friedman_mse</i>	random	none	0.91800
7	<i>squared_error</i>	best	sqrt	0.50489
8	<i>squared_error</i>	random	sqrt	0.37481
9	<i>squared_error</i>	best	log2	0.85084
10	<i>squared_error</i>	random	log2	0.30559
11	<i>squared_error</i>	best	none	0.90287
12	<i>squared_error</i>	random	none	0.89468
13	<i>absolute_error</i>	best	sqrt	0.50925
14	<i>absolute_error</i>	random	sqrt	0.31132
15	<i>absolute_error</i>	best	log2	0.88937
16	<i>absolute_error</i>	random	log2	0.72734
17	<i>absolute_error</i>	best	none	0.95984
18	<i>absolute_error</i>	random	none	0.77356
19	<i>Poisson</i>	best	sqrt	0.76451
20	<i>Poisson</i>	random	sqrt	0.81426
21	<i>Poisson</i>	best	log2	0.64839
22	<i>Poisson</i>	random	log2	0.23224
23	<i>Poisson</i>	best	none	0.92184

24	<i>Poisson</i>	random	none	0.36801
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The Decision Tree Regression use R value (*absolute\_error*, best, none) = 0.95984