

DECISION TREE:

SI.NO	CRITERION	SPLITTER	MAX_FEAURES	R VALUE
1	<i>friedman_mse</i>	best	sqrt	0.1771
2	<i>friedman_mse</i>	random	Log2	0.6187
3	<i>friedman_mse</i>	best	Log2	0.5778
4	<i>friedman_mse</i>	random	sqrt	0.3789
5	<i>squared_error</i>	best	Sqrt	0.5777
6	<i>squared_error</i>	random	Log2	0.6840
7	<i>squared_error</i>	best	Log2	0.4224
8	<i>squared_error</i>	random	Sqrt	0.0668
9	<i>absolute_error</i>	best	sqrt	0.6782
10	<i>absolute_error</i>	random	Log2	0.0641
11	<i>absolute_error</i>	best	Log2	0.7169
12	<i>absolute_error</i>	random	sqrt	0.0723
13	<i>Poisson</i>	best	sqrt	0.6482
14	<i>Poisson</i>	random	Log2	0.7921
15	<i>Poisson</i>	best	Log2	0.7931
16	<i>Poisson</i>	random	sqrt	0.9069

The Decision Tree Regression use R value

(*Poisson*,random,sqrt)=0.9069