SNO	criterion	splitter	max_features	R^2 value
1	squared_error	best	None	0.912
2	squared_error	best	auto	0.875
3	squared_error	best	sqrt	0.407
4	squared_error	best	log2	-0.059
5	squared_error	random	auto	0.842
6	squared_error	random	sqrt	0.517
7	squared_error	random	log2	0.641
8	friedman_mse	best	auto	0.854
9	friedman_mse	random	sqrt	0.630
10	friedman_mse	best	log2	0.472
11	friedman_mse	random	auto	0.863
12	**absolute_error**	**best**	**auto**	**0.929**
13	absolute_error	random	sqrt	0.661
14	absolute_error	best	log2	-0.552
15	absolute_error	random	log2	0.644
16	poisson	best	auto	0.765
17	poisson	random	sqrt	0.629
18	poisson	best	log2	0.741
19	poisson	random	auto	0.811

The best decision tree model is when hyperparameters are set as criterion="absolute_error", splitter="best", max_features="auto", R^2 value achieved is 0.92 (i.e 92%)