Hyper Parameters Accuracy

SVM: (50 Startups.csv - Dataset)

SNO.	C Value	LINEAR (R value)	RBF (R value)	POLY (R value)	SIGMOID (R value)
1	10	-0.0396	-0.0568	-0.0536	-0.0547
2	100	0.1064	-0.0507	-0.0198	-0.0304
3	1000	0.7802	0.0067	0.2661	0.1850
4	2000	0.8767	0.0675	0.4810	0.3970
5	3000	0.8956	0.1232	0.6370	0.5913

Decision Tree: (50 Startups.csv - Dataset)

SNO	CRITERION	MAX_FEATURES	SPLITTER	R Value
1	squared_error	sqrt	*best*	0.6048
2	squared_error	sqrt	*random*	0.7101
3	squared_error	log2	*best*	0.7769
4	squared_error	log2	*random*	0.9069
5	squared_error	None	*best*	0.9256
6	squared_error	None	*random*	0.9131
7	*friedman_mse*	sqrt	*best*	0.6514
8	*friedman_mse*	sqrt	*random*	0.8440
9	*friedman_mse*	log2	*best*	0.7030
10	*friedman_mse*	log2	*random*	0.4008
11	*friedman_mse*	None	*best*	0.9164
12	*friedman_mse*	None	*random*	0.8621
13	*absolute_error*	sqrt	*best*	0.7800
14	*absolute_error*	sqrt	*random*	0.7000
15	*absolute_error*	log2	*best*	0.5652
16	*absolute_error*	log2	*random*	0.5171
17	*absolute_error*	None	*best*	0.9362
18	*absolute_error*	None	*random*	0.8767
19	*poisson*	sqrt	*best*	0.3311
20	*poisson*	sqrt	*random*	0.1018
21	*poisson*	log2	*best*	0.6239
22	*poisson*	log2	*random*	0.7784
23	*poisson*	None	*best*	0.9179
24	*poisson*	None	*random*	0.6082