

SVM – Support Vector Machine

<i>Kernel</i>	<i>C</i>	<i>R_score</i>
linear	0	-0.05
	10	-0.03
	100	0.106
	1000	0.78
	10000	0.92
rbf	0	-0.05
	10	-0.05
	100	0.05
	1000	0.06
	10000	0.37
poly	0	-0.05
	10	-0.05
	100	-0.019
	1000	0.266
	10000	0.87
sigmoid	0	-0.05
	10	-0.05
	100	-0.03
	1000	0.18
	10000	0.85

Hyper tuning parameter in SVM is kernel="linear",c=10000 for given dataset

2. Decision Tree

<i>criterion</i>	<i>splitter</i>	<i>R_score</i>
squared_error (default)	best(default)	0.92
	Random	0.89
friedman_mse	best	0.92
	Random	0.89
absolute_error	best	0.95
	Random	0.89
poisson	best	0.94
	Random	0.911

Hyper tuning parameter in Decision tree is criterion =" absolute_error", splitted=best for given dataset