

Babystep Assignment

Hyper Tuning Parameter

SUPPORT VECTOR MACHINE

R value					
S.No	Hyper Parameter	Linear	RBF	Poly	Sigmoid
1	C=10	-0.0396	-0.0568	-0.0536	-0.0547
2	C=100	0.1064	-0.0507	-0.0198	-0.0304
3	C=500	0.5928	-0.0243	0.1146	0.0705
4	C=1000	0.7802	0.0067	0.2661	0.185
5	C=5000	0.9003	0.2124	0.7936	0.7306

DECISION TREE

S.No	Criterion	Splitter	R value
1	Squared_error	Best	0.9049
2	Squared_error	Random	0.8183
3	Friedman_mse	Best	0.9079
4	Friedman_mse	Random	0.8868
5	Absolute_error	Best	0.9353
6	Absolute_error	Random	0.9165
7	Poisson	Best	0.9172
8	Poisson	Random	0.8643