

	R2 value	0.93	Multiple Linear Regression	

Hyper parameter (C Value)	Linear	rbf	poly	sigmoid				
c10	-0.03	-0.05	-0.05	-0.05	-0.03	Support Vector machine	Linear with c10	Support Vector machine-Linear with c10
c100	0.106	-0.05	-0.019	-0.03	0.106	Support Vector machine	Linear with c100	Support Vector machine-Linear with c100
c500	0.592	-0.02	0.114	0.07	0.592	Support Vector machine	Linear with c500	Support Vector machine-Linear with c500
c1000	0.78	0.006	0.266	0.185	0.78	Support Vector machine	Linear with c1000	Support Vector machine-Linear with c1000
c2000	0.87	0.067	0.481	0.397	0.87	Support Vector machine	Linear with c2000	Support Vector machine-Linear with c2000
c3000	0.89	0.123	0.637	0.591	0.89	Support Vector machine	Linear with c3000	Support Vector machine-Linear with c3000
					0.89			Support Vector machine-Linear with c3000

criterion	splitter	R2 value
absolute_error	best	0.97
friedman_mse	random	0.94
poisson	best	0.94
absolute_error	random	0.94
friedman_mse	best	0.92
squared_error	best	0.91
poisson	random	0.9
squared_error	random	0.89
		0.97

Decision Tree criterion=absolute\_error;splitter=best

Best Method	Decision Tree criterion=absolute_error;splitter=best
	0.965