To find the follwing the Machine Learning Regression method using in r2 value					
1. MULTIPLE LINEAR REGRESSION (R2 value)					
2. SUPPORT VECTOR MACHINE:					
SL.No	**HYPER PARAMETER**	**LINEAR(R VALUE)**	**RBF (NON LINEAR) (R VALUE)**	**POLY (R VALUE)**	**SIGMOND (R VALUE)**
1	C10	-0.03964	-0.057418	-0.053667	0.054719
2	C100	0.10646	-0.0507	-0.019802	-0.03045
3	C500	0.59289	-0.024323	0.11468	0.07057
4	C1000	0.78028	0.00676	0.26616	0.18506
5	C2000	0.87677	0.06751	0.481	0.39706
6	C3000	0.89567	0.12322	0.637	0.59136

The SVM regression use R2 value =0.89567(Hyper Parameter=C3000, Linear)

SL.No	CRITERION	SPLITTER	MAX FEATURE	R VALUE
1	Mse	best	auto	0.91254
2	Mse	random	auto	0.21461
3	Mse	best	sqrt	0.10041
4	Mse	random	sqrt	0.47009
5	Mse	best	Log2	0.9312
6	Mse	random	Log2	0.93012
7	Mae	best	auto	0.95073
8	Mae	random	auto	0.74139
9	Mae	best	sqrt	0.50193
10	Mae	random	sqrt	0.70513
11	Mae	best	Log2	0.1917
12	Mae	random	Log2	0.6575
13	Friedman_mse	best	Auto	0.92397
14	Friedman_mse	random	Auto	0.85784
15	Friedman_mse	best	sqrt	0.60356
16	Friedman_mse	random	sqrt	0.48029
17	Friedman_mse	best	Log2	0.92853
18	Friedman_mse	random	Log2	0.49385

The Decision Tree Regression use R2 value=0.93012(Criterion='Friedman', Splitter='random', max feature='log2'