To Find following the Machine regression method using in r2 score

1 Multiple Linear Regression - r2 Value 0.93586

2 Support Vector Machine:

S.No.	per Parame	Linear	rbf	Poly	Sigmoid
1	C=10	-0.03964	-0.0568	-0.05367	-0.05471
2	C=100	0.10646	-0.05072	-0.0198	-0.03045
3	C=500	0.59289	-0.02432	0.11468	0.07057
4	C=1000	0.78028	0.006768	0.26616	0.18506
5	C=2000	0.87677	0.067515	0.481	0.39706
6	**C=3000**	**0.899567**	0.12322	0.6837	0.59136

The SVM Regressor use R2 Value- Linear and Huper Parameter[C=30(0.899567

3 Decision - Tree

S.No	Criterion	Spliter	R2 Score	
1	DecisionTree()		0.9228	
2	Squard_err	best	0.915039	Default
3	Squard_err	random	73722	
4	friendman_	best	0.92846	
5	friendman_	random	0.87272	
6	absolute_e	best	0.96913	
7	absolute_e	random	0.76859	
8	poission	best	0.92385	
9	poission	random	0.9074	

Decision tree R2 score 0.96913