

To find following the machine learning regression method using in r2 value

1.MULTIPLE LINEAR REGRESSION (r\_score value)=0.9586

2.SUPPORT VECTOR MACHINE:

S.NO	Hyper parameter	Linear	Standardization	rbf	Sigmoid	Poly
1	Intercept	108732.616	108734.041	108728.189	108729.21	108529.127
2	n_support	34	34	34	34	34
3	Support	[0,1,.....,34]	[0,1,.....,34]	[0,1,.....,34]	[0,1,.....,34]	[0,1,.....,34]
4	r_score	-0.05569	-0.05741	-0.05731	-0.057499	-0.0508901

3.DECISION TREE

S.NO	Criterion	Splitter	R_score
1	Squared_error	best	0.90374
2	Friedman_mse	best	0.91060
3	Absolute_error	best	0.95152
4	Poisson	best	0.93757
5	Squared_error	random	0.94699
6	Friedman_mse	random	0.76455
7	Absolute_error	random	0.83343
8	Poisson	random	0.74101