1. Multi Leaner Regression:

   r_score=0.93586

2. Support vector Machine:

Sl.No	Hyper Parameter	Linear	RBF(Non Linear Value)	Poly	SigMoid
1	Default(C=1.0)	0.8950	-0.0573	-0.0508	-0.0574
2	C=0.1	0.9375	-0.0574	-0.0568	-0.05748
3.	C=10.0	-2.4372	-0.0558	0.02531	-0.05761
4.	C=100.0	-357.0795	-0.03023	0.46566	-0.05878

3.Decision Tree:

Sl.No	Criterion	Max Features	Splitter	R.Value
1.	squared_error	None	best	0.93612
2.	squared_error	sqrt	best	0.7042
3.	squared_error	log2	best	0.8386
4.	friedman_mse	Default(None)	best	0.9085
5.	friedman_mse	sqrt	best	0.71789
6.	friedman_mse	log2	Best	0.5092
7.	absolute_error	Default(None)	best	0.94811
8.	absolute_error	sqrt	best	0.7596
9.	absolute_error	Log2	Best	0.4601
10.	squared_error	None	random	0.89741
11.	squared_error	sqrt	random	0.86152
12.	squared_error	log2	random	-0.3241
13.	friedman_mse	Default(None)	random	0.61411
14.	friedman_mse	sqrt	random	0.379021
15.	friedman_mse	log2	random	-0.05592
16.	absolute_error	Default(None)	random	0.86266
17.	absolute_error	sqrt	random	0.77824362
18.	absolute_error	Log2	random	0.24388
19.	poisson	None	random	0.78891
20.	poisson	sqrt	random	0.6214
21.	poisson	Log2	random	0.36508