1.Multiple Linear Regression(R-value)= 0.935868097004624.

2.Support Vector Machine:

S NO	Hyper Parameter	Linear (r_value)	rbf(Non-linear)r_value	Poly	Sigmoid
1	C=0.1	-0.057306713	-0.0574795	-0.057448044	-0.0574586
2	C=10	-0.039644947	-0.056807593	-0.053667205	-0.0547196
3	C=3000	0.895674469	0.123227566	0.637006422	0.59136302
4	C=4000	0.897230977	0.172383192	0.732637599	0.62823709
5	C=5000	0.900376243	0.212428394	0.793655544	0.73065626
6	C=7000	0.918191415	0.278801752	0.829878794	0.82596333
7	C=10000	0.923998343	0.371895064	0.812962837	0.85353112

3.Decision Tree:

S No	Criterion	Max Features	Splitter	R-value
1	mse	auto	best	0.922587064622967
2	mse	auto	random	0.229199743503548
3	mse	sqrt	best	0.909194813145567
4	mse	sqrt	random	0.747782568690583
5	mse	log2	best	0.418628800588117
6	mse	log2	random	0.100754798580388
7	mae	auto	best	0.938095137636432
8	mae	auto	random	0.899642768714901
9	mae	sqrt	best	0.928851325338873
10	mae	sqrt	random	0.655048165833784
11	mae	log2	best	-0.378354768923195
12	mae	log2	random	0.548077537736612
13	friedman_mse	auto	best	0.90761982371681
14	friedman_mse	auto	random	0.850740211989543
15	friedman_mse	sqrt	best	-0.0983302996494011
16	friedman_mse	sqrt	random	-0.579838734707237
17	friedman_mse	log2	best	-0.234463623747245
18	friedman_mse	log2	random	-0.093367442212735