Multiple Linear Regression: -

<p style="text-align:center; color:red;">**R² Value = 0.78**</p>

Support Vector Machine:-

S.NO	HYPER PARAMETER	LINEAR R² VALUE	RBF(NON-LINEAR) R² VALUE	POLY R² VALUE	SIGMOID R² VALUE
1	C10	0.60	0.14	0.41	0.40
2	C100	0.62	0.61	0.61	0.52
3	C500	0.76	0.66	0.82	0,44
4	C1000	0.76	0.81	0.85	0.28
5	C2000	0.74	-0.85	0.86	-0.59
6	C3000	0.74	0.86	0.85	-2.12
7	C5000	0.74	0.87	0.85	-7.53

<p style="text-align:center; color:red;">**SVM – REGRESSION –RBF - R² VALUE WITH C=5000 VALUE = 0.87**</p>