To find following the machine learning regression using in

R2_value

1.Multiple Linear Regression(r2_value) =0.9358

2.Support Vector Machine

s.no	Hyper parameter	Linear (r2_value)	RBF (r2_value)	Poly (r2_value)	Sigmoid (r2_value)
1	C=10	-0.0396	-0.0568	-0.0536	-0.0547
2	C=100	0.1064	-0.0507	-0.0198	-0.0304
3	C=500	0.5928	-0.2432	0.1146	-0.0705
4	C=1000	0.7802	0.0067	0.2661	0.1850
5	C=2000	0.8767	0.0675	0.4810	0.3970
6	C=3000	0.8956	0.1232	0.6370	0.5913

The SVM Regression Use R2_Value (Linear and Hyperparameter(c=3000)) =0.8956