

Model	R2 score			Cross Val score		MSE			RMSE		
	Train	Test	Train R2- Test R2	CrossVal	CrossVal - Train R2	Train	Test	Test MSE - Train MSE	Train	Test	Test RMSE - Train RMSE
Linear	0.936	-7.59E+21	7.59E+21	-2.01E+22	2.01E+22	408,219,625.66	3.81E+33	4.45E+31	20,204.45	6.67E+15	6.67E+15
Lasso	0.93	0.91	0.02	0.907	0.023	447,259,323.77	535,844,659.49	88,585,335.73	21,148.506	23,148.32	1,999.81
Ridge (after dropping 0 coefficients)	0.932	0.905	0.027	0.911	0.021	433,920,953.72	571,192,062.09	137,271,108.38	20,830.769	23,899.63	3,068.86
Lasso (With Interaction Terms)	0.943	0.924	0.019	0.924	0.019	361,755,706.53	418,124,303.75	56,368,597.23	19,019.877	20,448.09	1,428.21
Ridge (With Interaction Terms + dropping 0 coefficients)	0.944	0.926	0.018	0.924	0.02	357,790,724.14	431,654,678.77	73,863,954.63	18,915.357	20,776.30	1,860.94
Lasso (Polynomial Fetaures)	0.967	0.936	0.031	0.934	0.033	210,576,089.46	380,304,470.51	169,728,381.05	14,511.240	19,501.40	4,990.16
Ridge (Polynomial Fetaures + dropping 0 coefficients)	0.973	0.923	0.05	0.948	0.025	171,996,335.82	461,147,446.83	289,151,111.01	13,114.737	21,474.34	8,359.61