

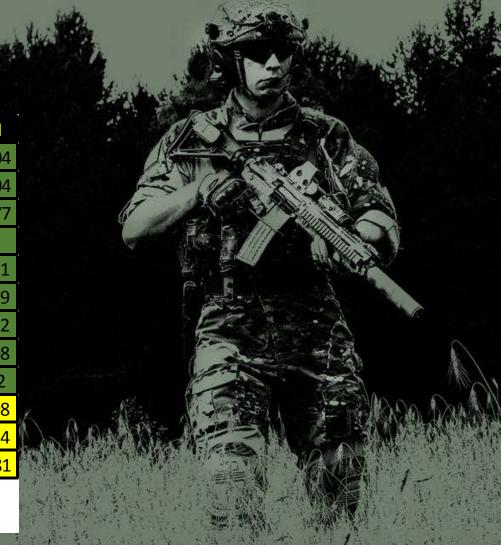


SELECTED FEATURES

MOST IMPORTANT FEATURES

Variables	coeff(Variable)	Tval	T absolute	P> t	25% CI	97% CI
Make_Cadillac	1.83E+04	32.324	32.324	0	1.72E+04	1.94E+04
Make_SAAB	1.52E+04	30.916	30.916	0	1.42E+04	1.62E+04
Liter	4664.8529	28.106	28.106	0	4338.829	4990.877
Mileage	-0.1963	-11.121	11.121	0	-0.231	-0.162
Type_Sedan	-4024.0181	-9.957	9.957	0	-4817.83	-3230.21
Trim_LS Coupe 2D	-4809.8632	-5.53	5.53	0	-6518.44	-3101.29
Type_Hatchback	-3472.8361	-4.589	4.589	0	-4959.35	-1986.32
Model_Malibu	-2379.2163	-3.578	3.578	0	-3685.35	-1073.08
Trim_Sedan 4D	-1217.8957	-2.982	2.982	0.003	-2020.07	-415.72
Type_Wagon	-1538.2486	-2.333	2.333	0.02	-2833.39	-243.108
Model_Cavalier	-1453.2758	-2.317	2.317	0.021	-2685.5	-221.054
Sound	723.4027	2.201	2.201	0.028	77.924	1368.881

Variables sorted according to their influencing power as per T statistics variables taken as per P value statistics(<0.05)



STATISTICAL COMPARISON



ГΟ		IN	IN	
חו	M	ΗИ	ΠN	

20998.86051

21241.59553

8222330.321

2867.460605

13.50%

0.889

0.886

STATS

ActualAverage Price

Average Predicted Price

Mean Squarred Error

Root Mean squarred error

Error Percentage

R-squared

Adj. R-squared

TESTING

20998.861

21241.596

8222330.3

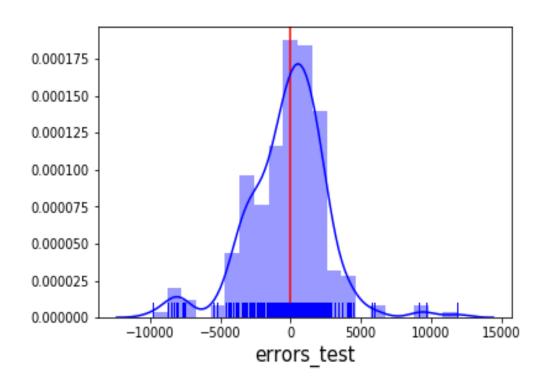
2867.4606

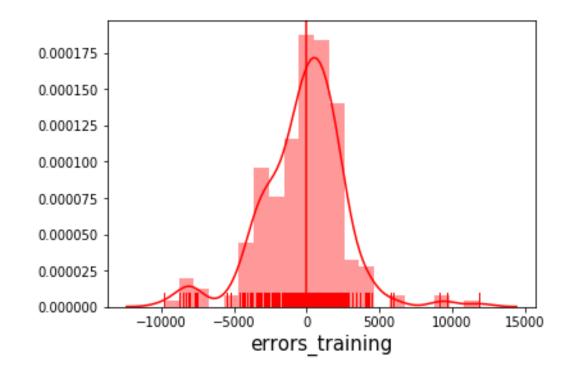
13.50%

0.8978699

0.886

ERROR DISTRIBUTION











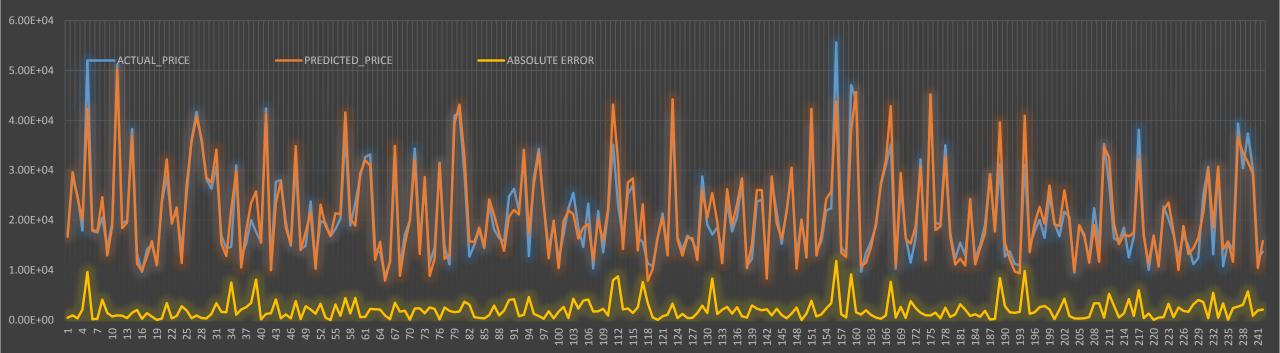








MODEL PREDICTION PERFORMANCE **TREND**



FINAL VERDICT

- Based upon analyzing model performance it can be assumed that model predicts correctly with 13.5% error accuracy.
- Model so formed has low variance and low biasing