

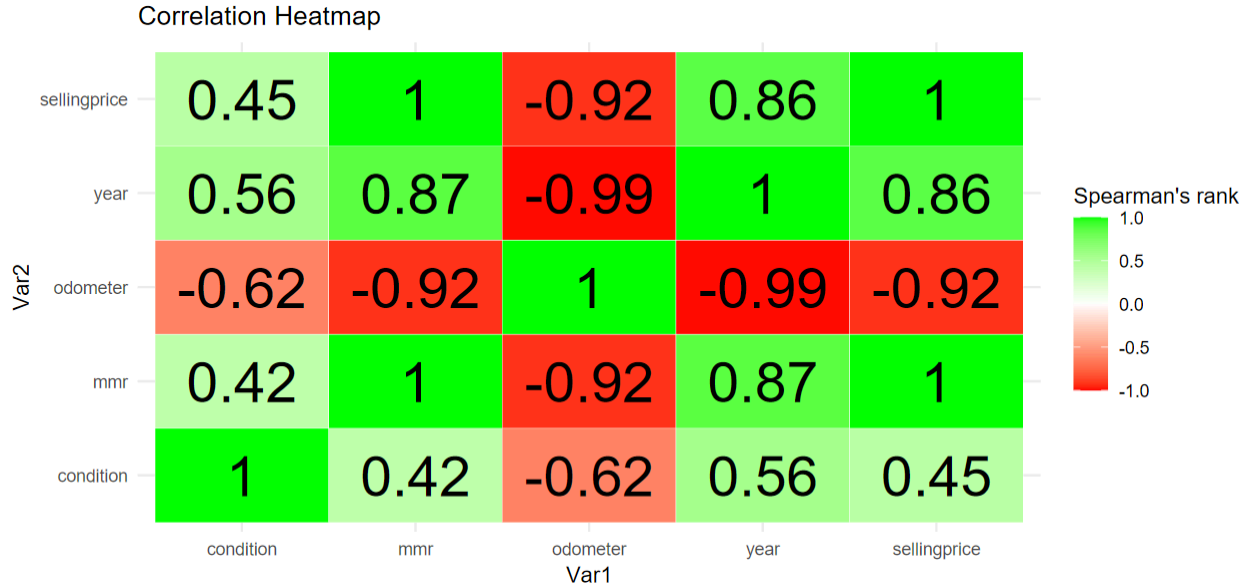
Linear Regression Results

Variables	Estimate	Pr(> t)	Std. Error	t value
(Intercept)	91,951.46	0.00	2,000.66	45.96
year	-46.25	0.00	0.99	-46.49
condition	37.50	0.00	0.19	201.12
mmr	0.98	0.00	0.00	3,139.12
odometer	0.00	0.00	0.00	-15.86

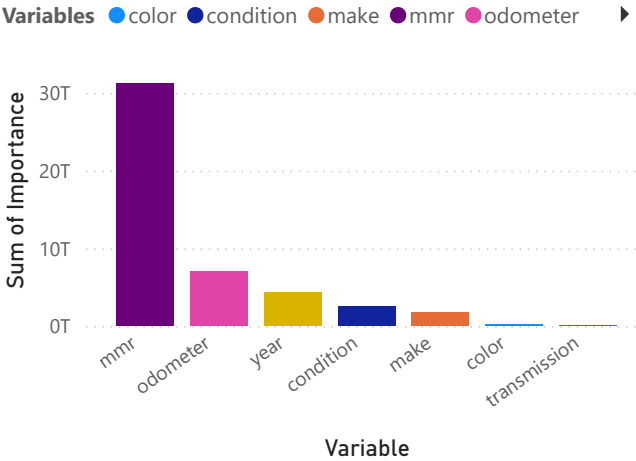
ANOVA

Variables	Df	F value	Mean Sq	Pr(>F)	Sum Sq
transmission	2	864.79283431	62,259,647,952.10	0	124,519,295,904.20
color	18	853.55038724	61,450,262,433.84	0	1,106,104,723,809.06
make	54	2466.6972650	177,586,697,334.05	0	9,589,681,656,038.58
Residuals	511636	NA	71,993,713.96	NA	36,834,575,837,962.00

Correlation Matrix



Variable Importance by RF



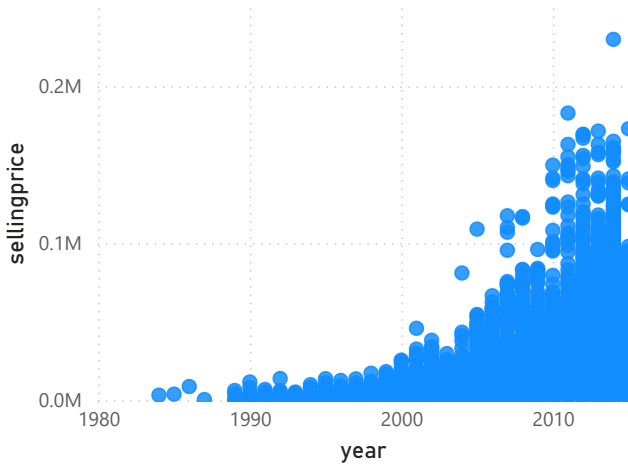
Selected Variable RF

RF-CV	MAE	R_Squared	RMSE
1	972.08	0.97	1,547.08

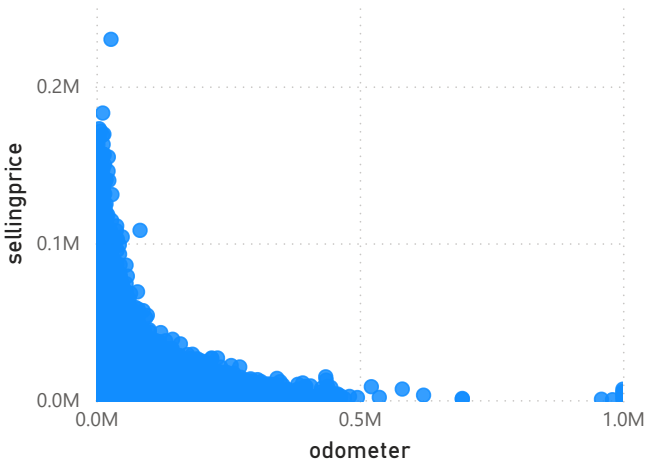
Selected Variable VIF

Variables	vif_values
condition	1.14
mmr	1.65
odometer	2.66
year	2.73

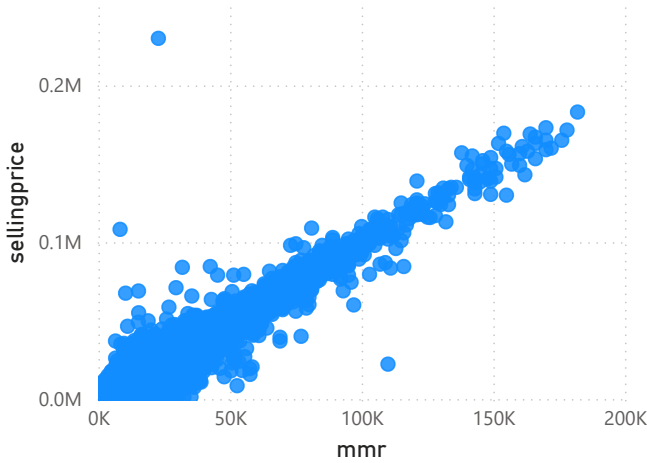
year and sellingprice



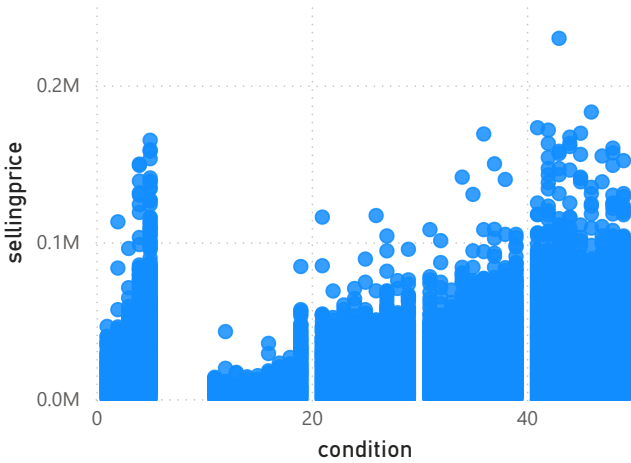
odometer and sellingprice



mmr and sellingprice



condition and sellingprice



GAM Summary

Parameters	edf	F	p-value	Ref.df
s(condition)	9.00	14,006.25	0	9.00
s(mmr)	8.99	1,155,913.23	0	9.00
s(odometer)	8.56	386.72	0	8.94
s(year)	8.94	476.96	0	9.00

GAM-CV

Parameters	MAE	R_Squared	RMSE
	1 966.71	0.97	1,547.50