

scatter plot correlations**The CORR Procedure**

3 Variables:	SalePrice GarageArea OverallQual
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
SalePrice	1460	180921	79443	264144946	34900	755000
GarageArea	1460	472.98014	213.80484	690551	0	1418
OverallQual	1460	6.09932	1.38300	8905	1.00000	10.00000

Pearson Correlation Coefficients, N = 1460 Prob > r under H0: Rho=0			
	SalePrice	GarageArea	OverallQual
SalePrice	1.00000	0.62343 <.0001	0.79098 <.0001
GarageArea	0.62343 <.0001	1.00000	0.56202 <.0001
OverallQual	0.79098 <.0001	0.56202 <.0001	1.00000

scatter plot correlations**The REG Procedure**

Model: MODEL1

Dependent Variable: SalePrice

Number of Observations Read	1460
Number of Observations Used	1460

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	7.077886E12	1.415577E12	966.30	<.0001
Error	1454	2.130026E12	1464942041		
Corrected Total	1459	9.207911E12			

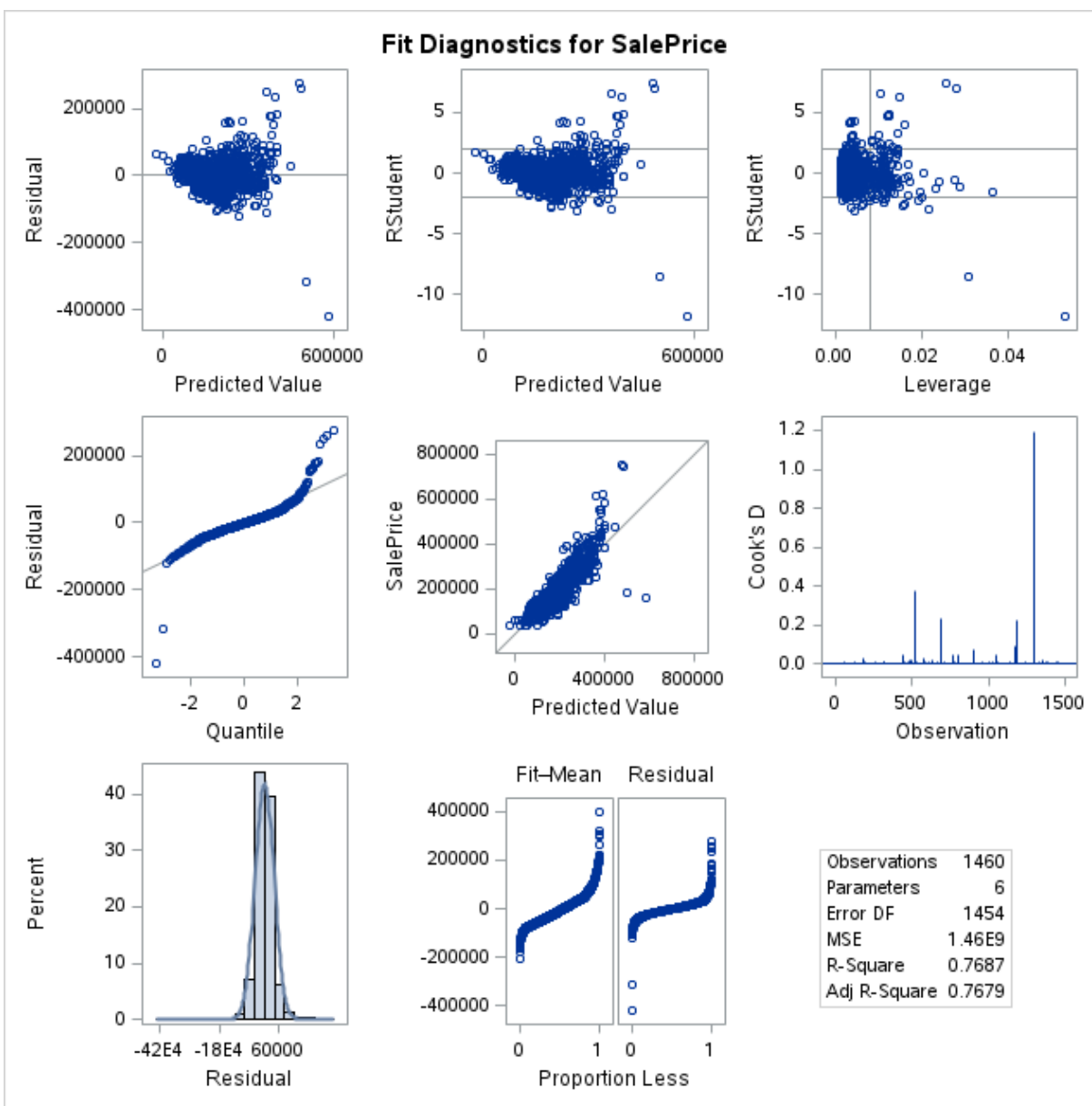
Root MSE	38275	R-Square	0.7687
Dependent Mean	180921	Adj R-Sq	0.7679
Coeff Var	21.15538		

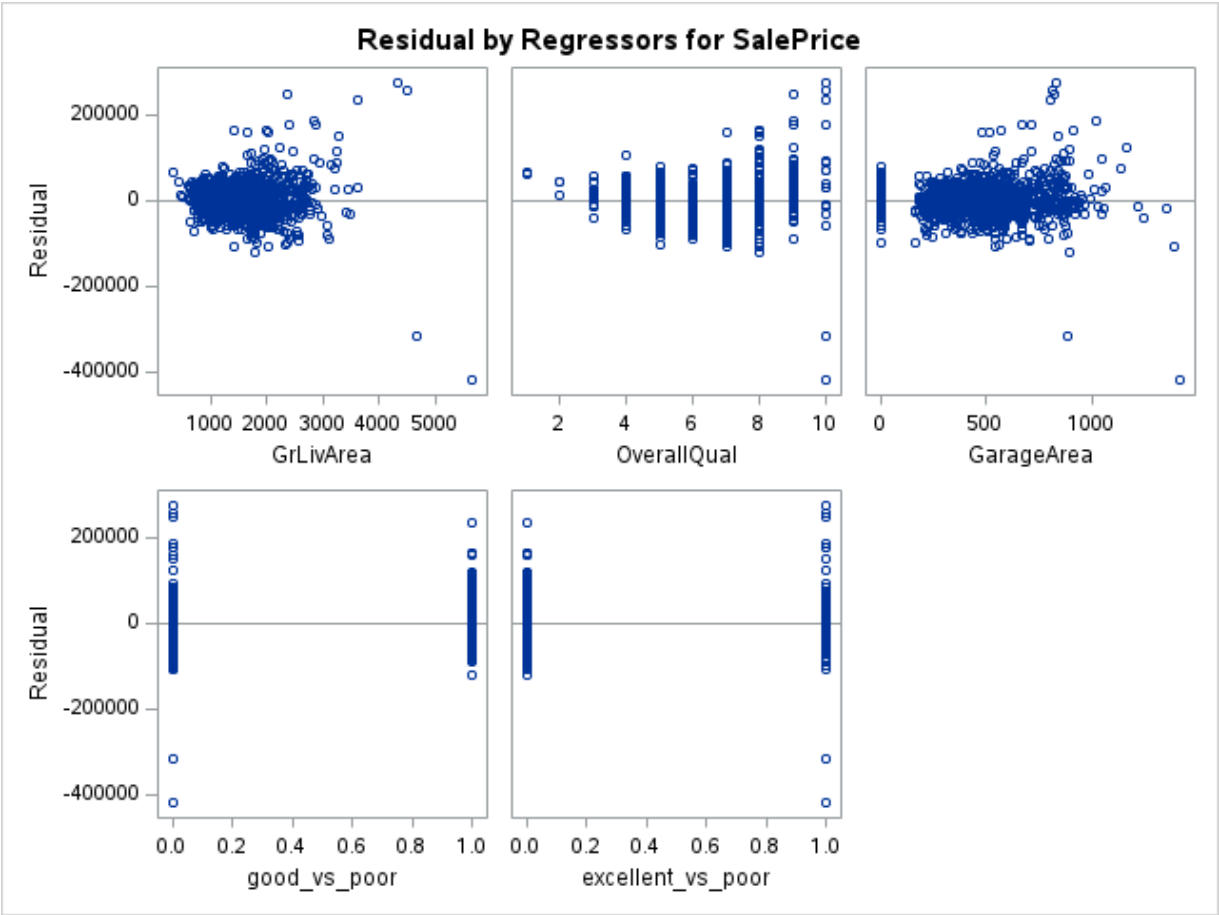
Parameter Estimates						
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	1	-64237	5368.54712	-11.97	<.0001	0
GrLivArea	1	48.04341	2.42356	19.82	<.0001	1.61531
OverallQual	1	21532	1137.48498	18.93	<.0001	2.46472
GarageArea	1	63.85506	5.85239	10.91	<.0001	1.55933
good_vs_poor	1	15307	2576.52603	5.94	<.0001	1.58966
excellent_vs_poor	1	68272	5045.04509	13.53	<.0001	1.61844

scatter plot correlations**The REG Procedure**

Model: MODEL1

Dependent Variable: SalePrice





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The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
absolute	MAD= Error	1460	24913.44	28962.33	88.2782800	420962.39
square	MSE=ERROR^2	1460	1458921737	6788721368	7793.05	177209337415
percent	MAPE=% Error	1460	15.0823896	17.4015998	0.0383819	263.1014964