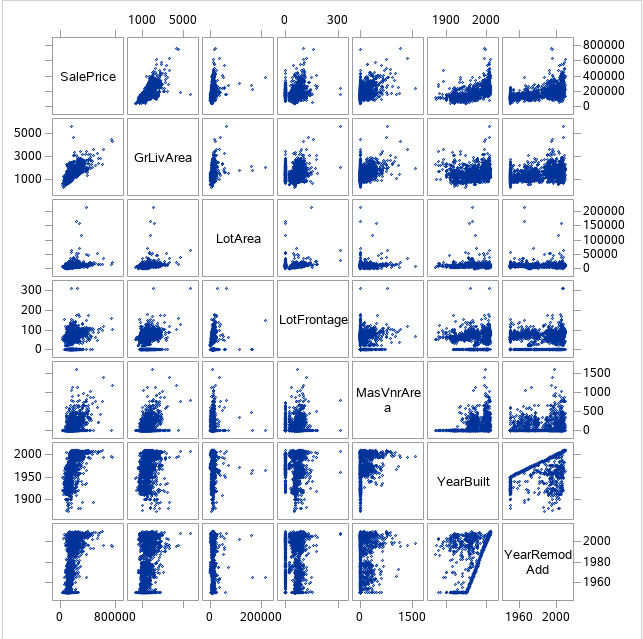
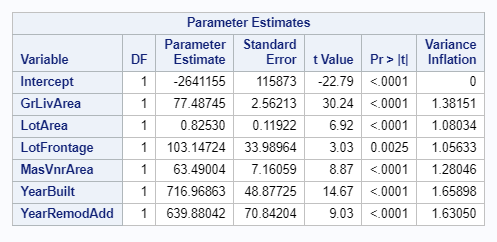
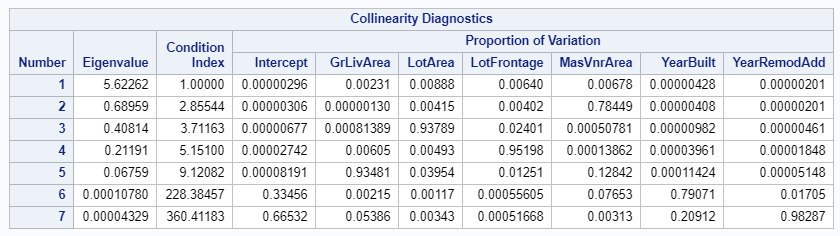
Using the variables assigned to me:



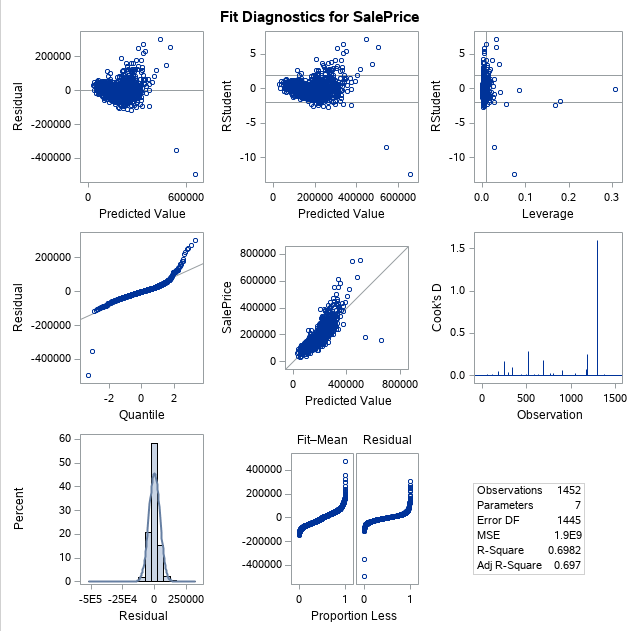
Tests multicollinearity.

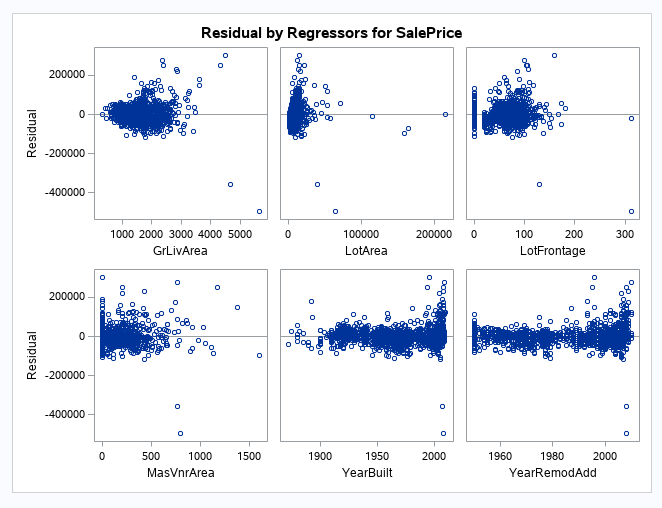
Guideline: VIF>10 is a red flag





All the independent variables used show significance.





/\* checking collinearity with variance inflation factor\*/

proc reg data=clean\_train;

model SalePrice = GrLivArea LotArea LotFrontage MasVnrArea YearBuilt YearRemodAdd / vif collin;

proc sgscatter data= clean\_train;

matrix SalePrice GrLivArea LotArea LotFrontage MasVnrArea YearBuilt YearRemodAdd;