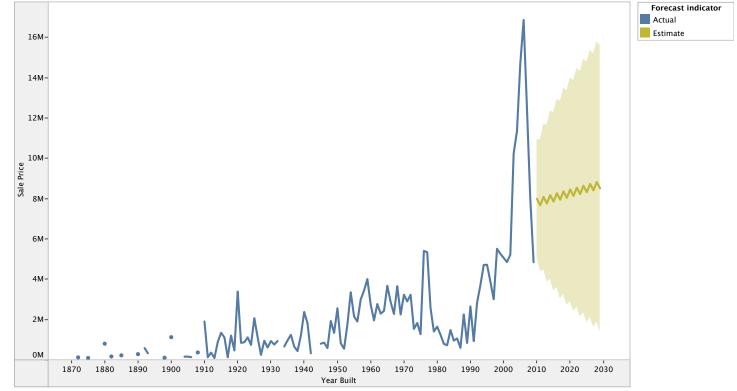
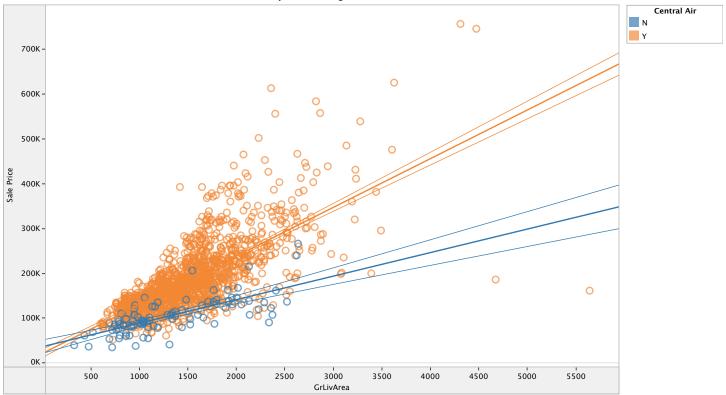
Time series Plot for Sale price by year with forecast till 2030



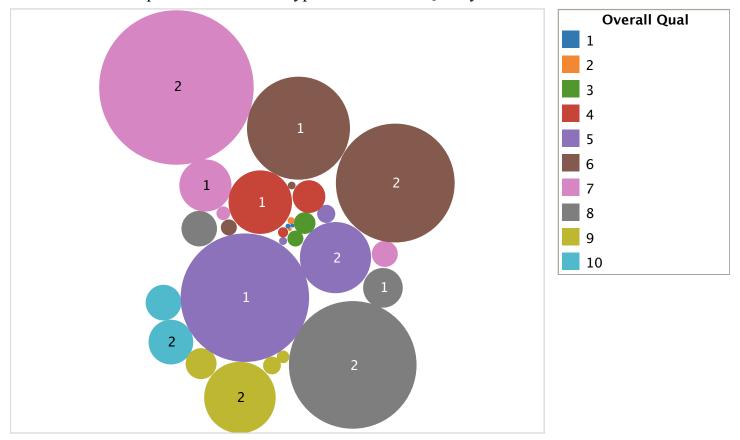
The trend of sum of Sale Price (actual & forecast) for Year Built. Color shows details about Forecast indicator.

Sale price Vs Living area

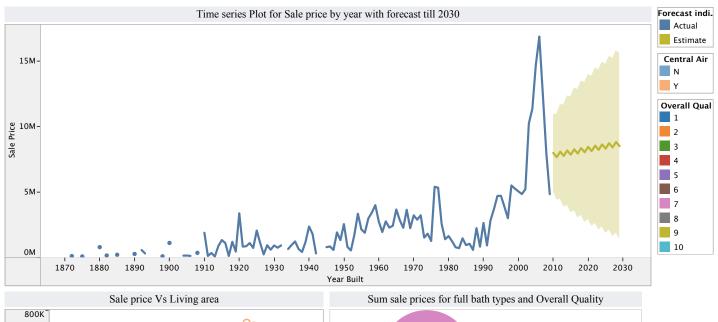


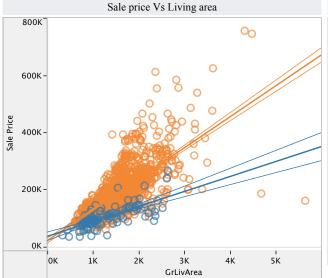
GrLivArea vs. Sale Price. Color shows details about central Air. Properties prices will be higher with larger living area.

Sum sale prices for full bath types and Overall Quality



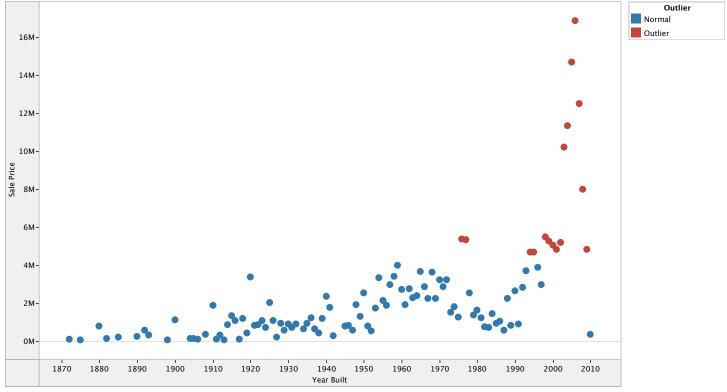
Full Bath. Color shows details about Overall Qual. Size shows sum of Sale Price. The marks are labeled by Full Bath. Details are shown for Full Bath.







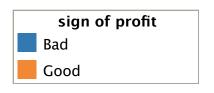
Outliers



The plot of sum of Sale Price for Year Built. Color shows details about Outlier. Outliers appeared mostly in recent years.

Logistic Regression

	House Style						
Bldg Type	1.5Fin	1.5Unf	1Story	2.5Fin	2.5Unf		
1Fam	0.0000	0.0000	0.0000	0.0000	0.0000		
2fmCon	0.9990	0.0618	0.9726	0.3641	0.5403		
Duplex	1.0000		1.0000				
Twnhs			1.0000				
TwnhsE			1.0000				



Logit broken down by Bldg Type vs. House Style. Color shows details about sign of profit. Property Sign of profit is good, if Sale price per square feet exceed \$2500, otherwise taken as bad.

Logistic Regression

	House Style					
Bldg Type	2Story	SFoyer	SLvl			
1Fam	0.0000	0.0000	0.0000			
2fmCon	1.0000		0.0622			
Duplex	1.0000	1.0000	0.0000			
Twnhs	1.0000	0.0000	0.0000			
TwnhsE	1.0000	0.0000	0.0000			

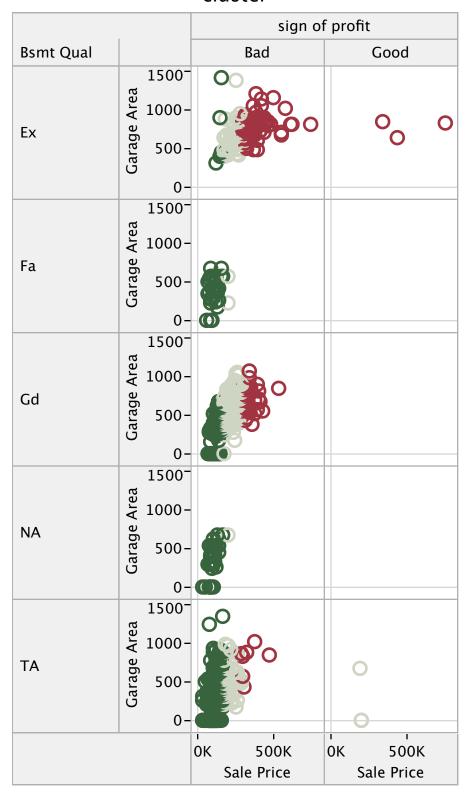


Logit broken down by Bldg Type vs. House Style. Color shows details about sign of profit. Property Sign of profit is good, if Sale price per square feet exceed \$2500, otherwise taken as bad.

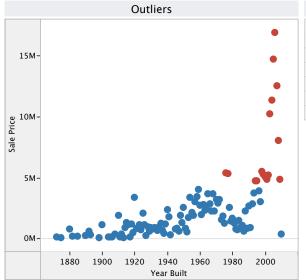
cluster

clusters

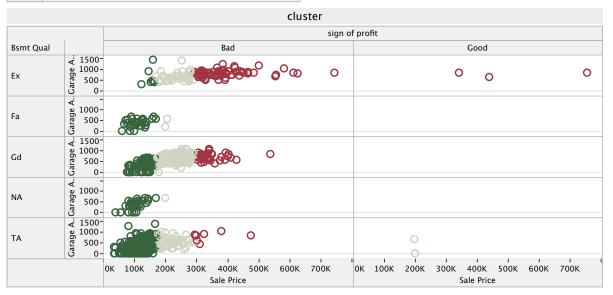
1



Sign of profit and Sale Price vs. Garage Area broken down by Bsmt Qual. Color shows clusters.





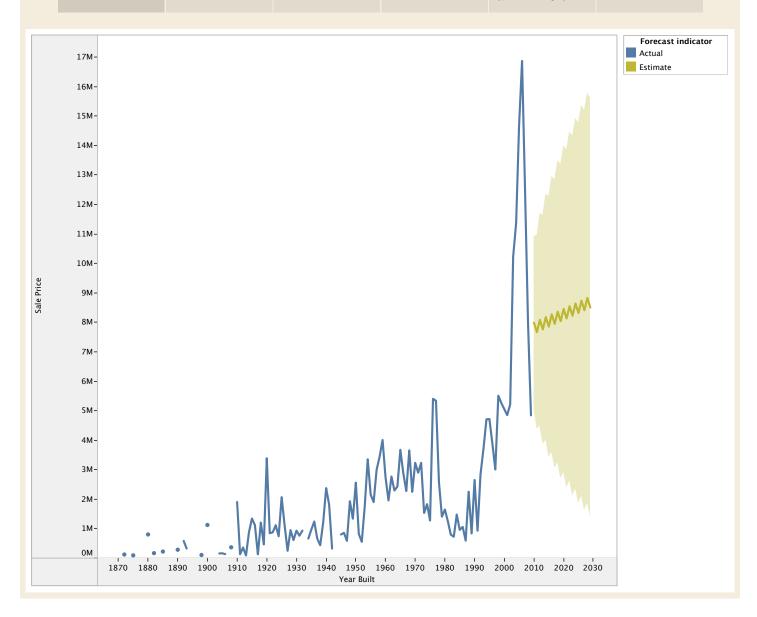


Timeseires Plot of Sales Price variation in Sales Price with Living Area

Sum of Sales price of each Quality type

Detecting Outliers in profitable Properties

Logit of profitable properties based on build type and Housing style

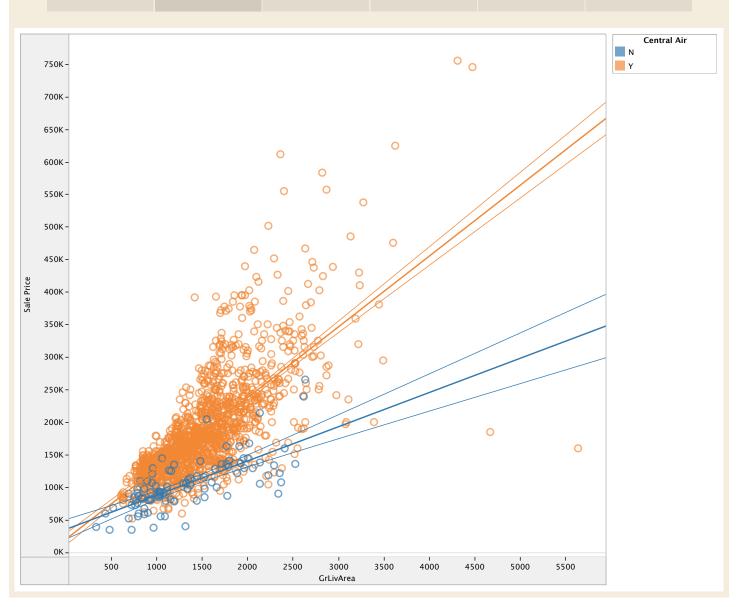


Timeseires Plot of Sales Price variation in Sales Price with Living Area

Sum of Sales price of each Quality type

Detecting Outliers in profitable Properties

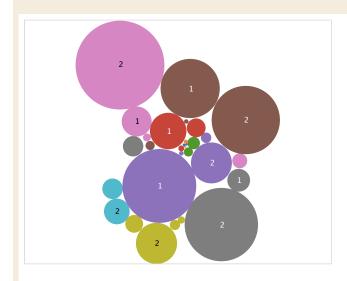
Logit of profitable properties based on build type and Housing style

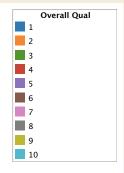


Timeseires Plot of Sales Price variation in Sales Price with Living Area Sum of Sales price of each Quality type

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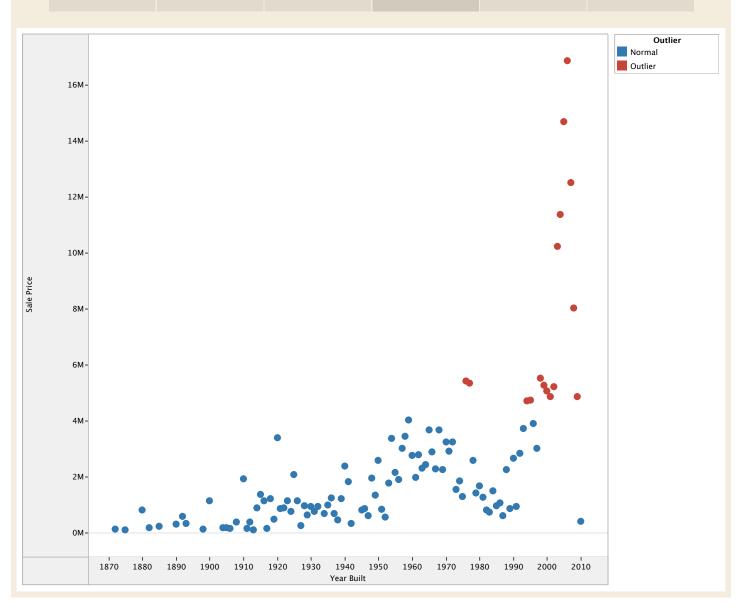
Timeseires Plot of Sales Price

variation in Sales Price with Living Area

Sum of Sales price of each Quality type

Detecting Outliers in profitable Properties

Logit of profitable properties based on build type and Housing style



Timeseires Plot of Sales Price variation in Sales Price with Living Area

Sum of Sales price of each Quality type

Detecting Outliers in profitable Properties

Logit of profitable properties based on build type and Housing style

Bldg Type	House Style								
	1.5Fin	1.5Unf	1Story	2.5Fin	2.5Unf	2Story	SFoyer	SLvl	
1Fam	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2fmCon	0.9990	0.0618	0.9726	0.3641	0.5403	1.0000		0.0622	
Duplex	1.0000		1.0000			1.0000	1.0000	0.0000	
Twnhs			1.0000			1.0000	0.0000	0.0000	
TwnhsE			1.0000			1.0000	0.0000	0.0000	



Timeseires Plot of Sales Price variation in Sales Price with Living Area

Sum of Sales price of each Quality type

Detecting Outliers in profitable Properties

Logit of profitable properties based on build type and Housing style

