The UNIVARIATE Procedure
Variable: Price

Multi_Storey_House=0

Moments			
N	478	**Sum Weights**	478
Mean	439733.429	**Sum Observations**	210192579
Std Deviation	255261.306	**Variance**	6.51583E10
Skewness	2.75567649	**Kurtosis**	13.7574035
Uncorrected SS	1.23509E14	**Corrected SS**	3.10805E13
Coeff Variation	58.0491019	**Std Error Mean**	11675.3804

Basic Statistical Measures			
Location		**Variability**	
Mean	439733.4	**Std Deviation**	255261
Median	380000.0	**Variance**	6.51583E10
Mode	310000.0	**Range**	2397500
		Interquartile Range	265050

Note: The mode displayed is the smallest of 3 modes with a count of 6.

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	37.66331	**Pr > |t|**	<.0001
Sign	**M**	239	**Pr >= |M|**	<.0001
Signed Rank	**S**	57240.5	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.790843	**Pr < W**	<0.0001
Kolmogorov-Smirnov	**D**	0.129845	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	3.09323	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	18.59179	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	2500000
99%	1360000
95%	875000
90%	713500
75% Q3	535000

The UNIVARIATE Procedure
Variable: Price

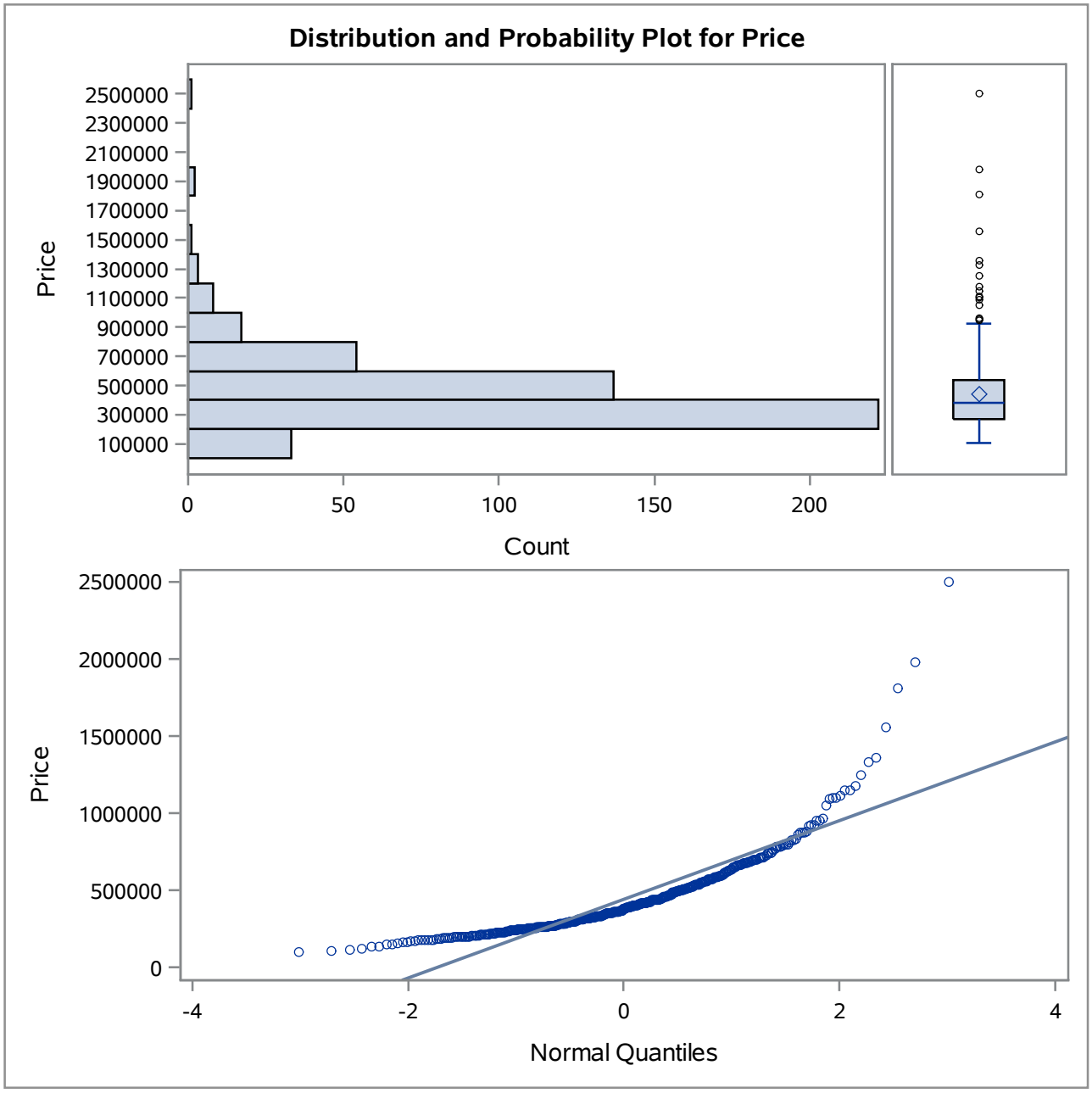
Multi_Storey_House=0

Quantiles (Definition 5)	
Level	**Quantile**
50% Median	380000
25% Q1	269950
10%	212000
5%	189650
1%	136500
0% Min	102500

Extreme Observations					
Lowest			Highest		
Value	**Multi_Storey_House**	**Obs**	**Value**	**Multi_Storey_House**	**Obs**
102500	0	132	1360000	0	211
110000	0	332	1560000	0	428
110700	0	386	1810000	0	344
119900	0	88	1980000	0	241
136500	0	424	2500000	0	408

The UNIVARIATE Procedure

Multi_Storey_House=0



The UNIVARIATE Procedure
Variable: Price

Multi_Storey_House=1

Moments			
N	522	**Sum Weights**	522
Mean	613163.013	**Sum Observations**	320071093
Std Deviation	437557.791	**Variance**	1.91457E11
Skewness	4.5364539	**Kurtosis**	36.7520609
Uncorrected SS	2.96005E14	**Corrected SS**	9.9749E13
Coeff Variation	71.3607608	**Std Error Mean**	19151.3843

Basic Statistical Measures			
Location		**Variability**	
Mean	613163.0	**Std Deviation**	437558
Median	490575.0	**Variance**	1.91457E11
Mode	475000.0	**Range**	5430500
		Interquartile Range	360000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	32.01664	**Pr > |t|**	<.0001
Sign	**M**	261	**Pr >= |M|**	<.0001
Signed Rank	**S**	68251.5	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.659506	**Pr < W**	<0.0001
Kolmogorov-Smirnov	**D**	0.171837	**Pr > D**	<0.0100
Cramer-von Mises	**W-Sq**	6.10789	**Pr > W-Sq**	<0.0050
Anderson-Darling	**A-Sq**	35.25727	**Pr > A-Sq**	<0.0050

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	5570000
99%	2200000
95%	1260000
90%	990000
75% Q3	730000
50% Median	490575

The UNIVARIATE Procedure
Variable: Price

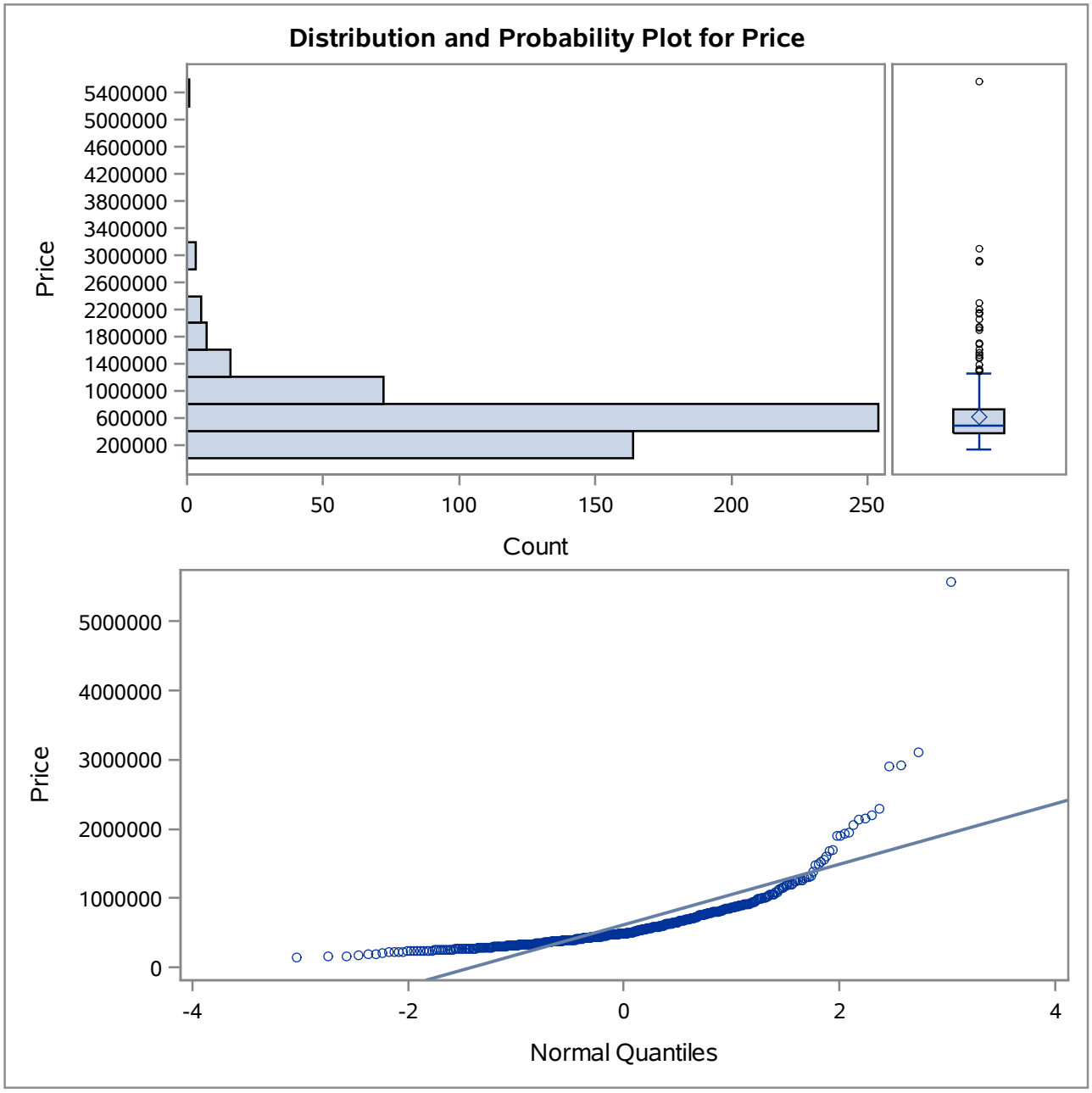
Multi_Storey_House=1

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	370000
10%	289000
5%	259000
1%	199000
0% Min	139500

Extreme Observations					
Lowest			**Highest**		
Value	**Multi_Storey_House**	**Obs**	**Value**	**Multi_Storey_House**	**Obs**
139500	1	673	2300000	1	521
160000	1	928	2900000	1	719
160000	1	813	2920000	1	558
175000	1	790	3100000	1	901
190000	1	747	5570000	1	565

The UNIVARIATE Procedure

Multi_Storey_House=1



The UNIVARIATE Procedure

The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
Multi_Storey_House	2	0 1

Number of Observations Read	1000
Number of Observations Used	1000

The GLM Procedure

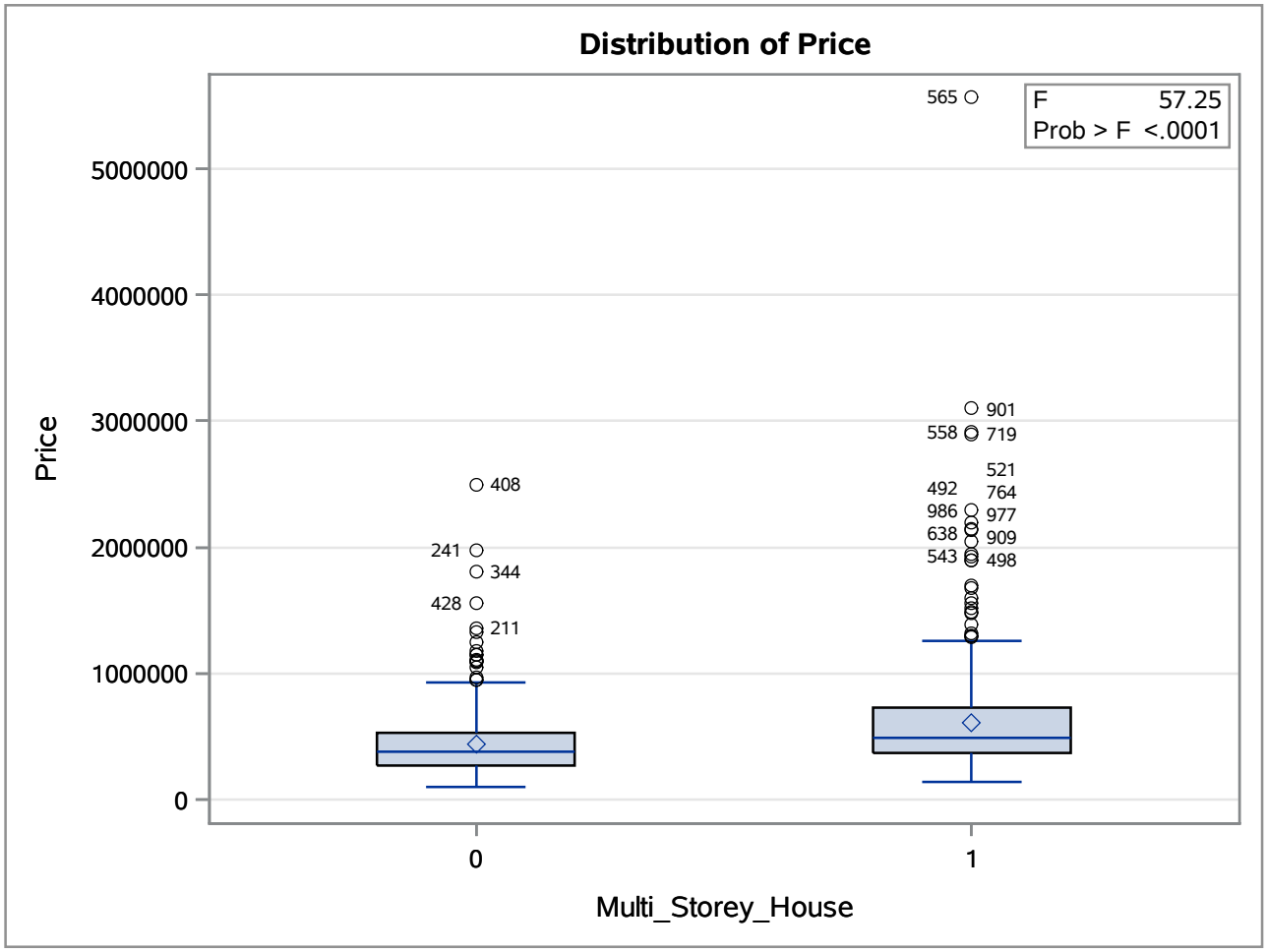
Dependent Variable: Price

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	7.5048975E12	7.5048975E12	57.25	<.0001
Error	998	1.3082953E14	131091712619		
Corrected Total	999	1.3833443E14			

R-Square	Coeff Var	Root MSE	Price Mean
0.054252	68.28035	362065.9	530263.7

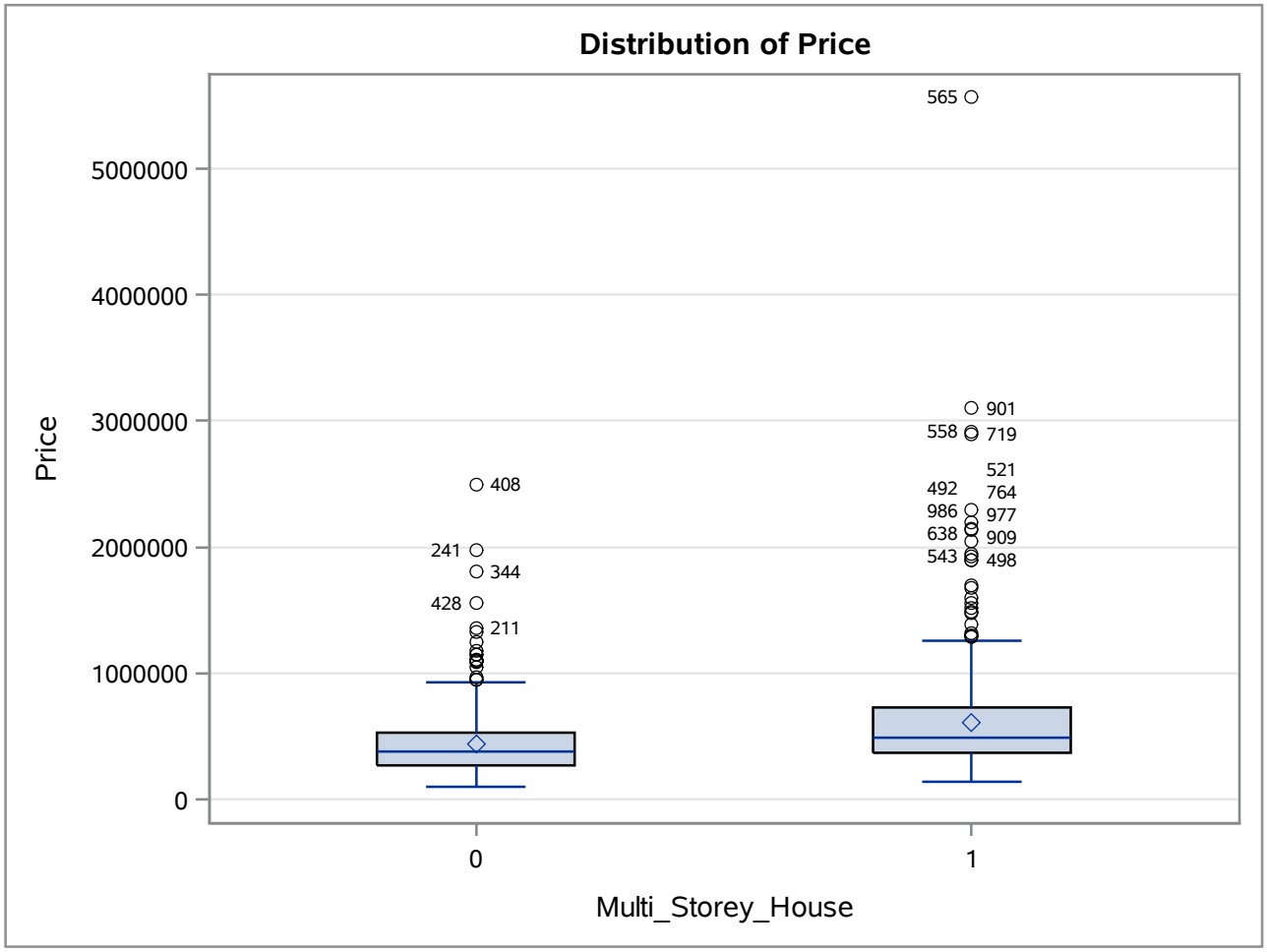
Source	DF	Type I SS	Mean Square	F Value	Pr > F
Multi_Storey_House	1	7.5048975E12	7.5048975E12	57.25	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Multi_Storey_House	1	7.5048975E12	7.5048975E12	57.25	<.0001



Kings County House Sales Univariate Results

The GLM Procedure



Level of Multi_Storey_House	N	Price	
		Mean	Std Dev
0	478	439733.429	255261.306
1	522	613163.013	437557.791

Kings County House Sales Univariate Results

The GLM Procedure

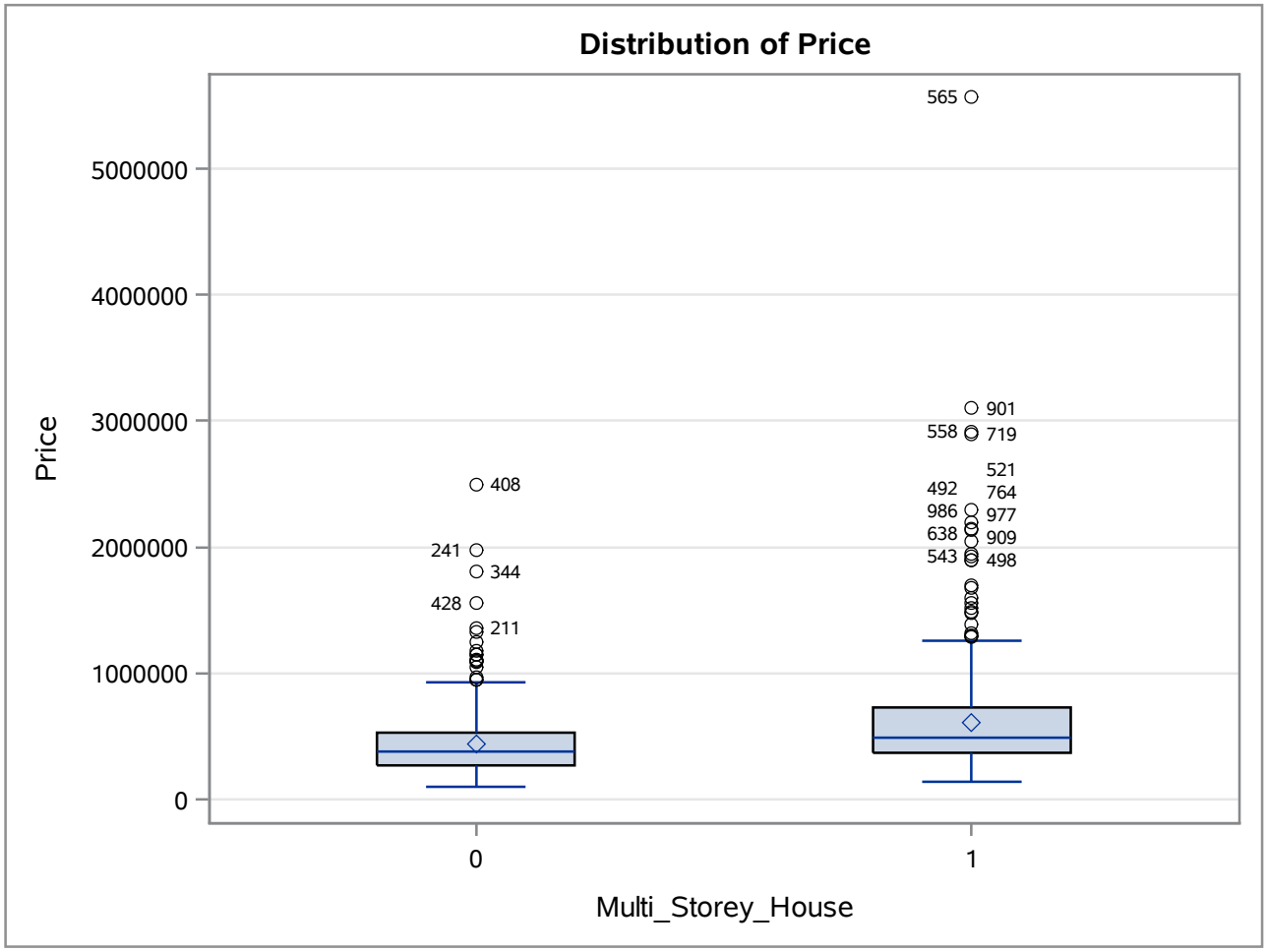
Levene's Test for Homogeneity of Price Variance ANOVA of Squared Deviations from Group Means					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Multi_Storey_House	1	3.966E24	3.966E24	5.19	0.0230
Error	998	7.633E26	7.648E23		

Brown and Forsythe's Test for Homogeneity of Price Variance ANOVA of Absolute Deviations from Group Medians					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Multi_Storey_House	1	1.606E12	1.606E12	17.04	<.0001
Error	998	9.405E13	9.424E10		

Bartlett's Test for Homogeneity of Price Variance			
Source	**DF**	**Chi-Square**	**Pr > ChiSq**
Multi_Storey_House	1	136.0	<.0001

Kings County House Sales Univariate Results

The GLM Procedure



Level of Multi_Storey_House	N	Price	
		Mean	Std Dev
0	478	439733.429	255261.306
1	522	613163.013	437557.791