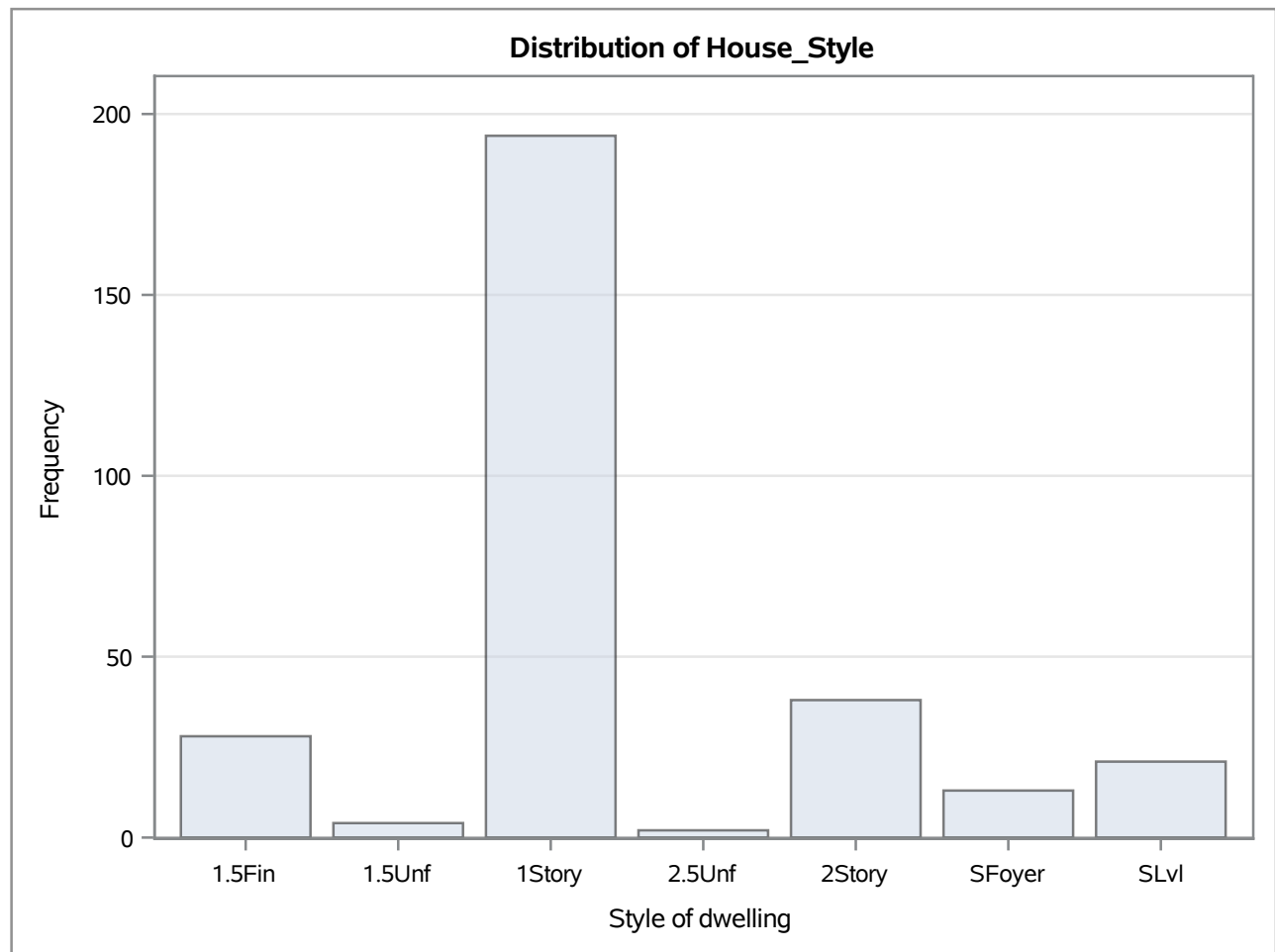


Categorical Variable Frequency Analysis

The FREQ Procedure

Style of dwelling				
House_Style	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1.5Fin	28	9.33	28	9.33
1.5Unf	4	1.33	32	10.67
1Story	194	64.67	226	75.33
2.5Unf	2	0.67	228	76.00
2Story	38	12.67	266	88.67
SFoyer	13	4.33	279	93.00
SLvl	21	7.00	300	100.00

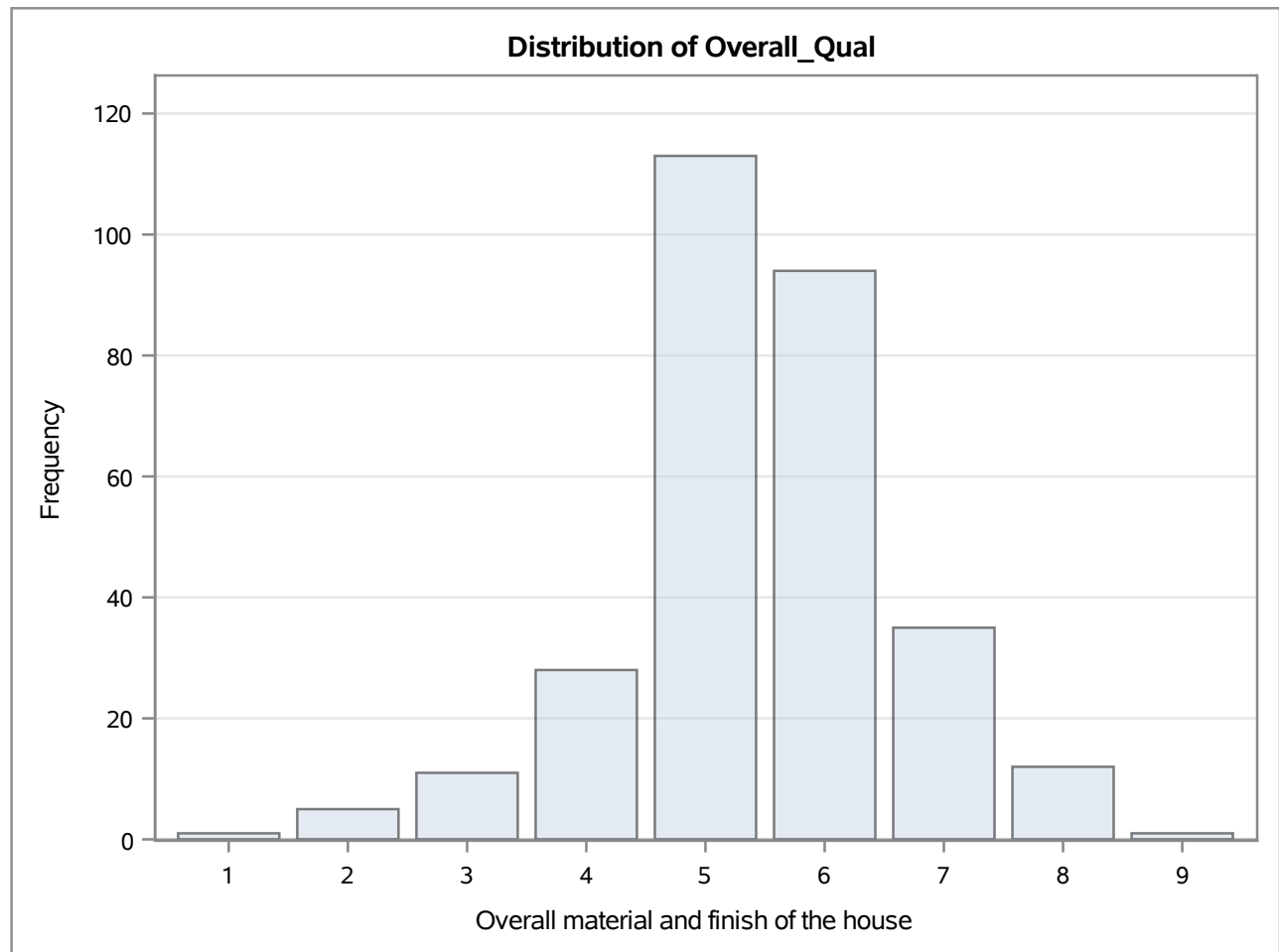


Overall material and finish of the house				
Overall_Qual	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	0.33	1	0.33
2	5	1.67	6	2.00
3	11	3.67	17	5.67
4	28	9.33	45	15.00

Categorical Variable Frequency Analysis

The FREQ Procedure

Overall material and finish of the house				
Overall_Qual	Frequency	Percent	Cumulative Frequency	Cumulative Percent
5	113	37.67	158	52.67
6	94	31.33	252	84.00
7	35	11.67	287	95.67
8	12	4.00	299	99.67
9	1	0.33	300	100.00

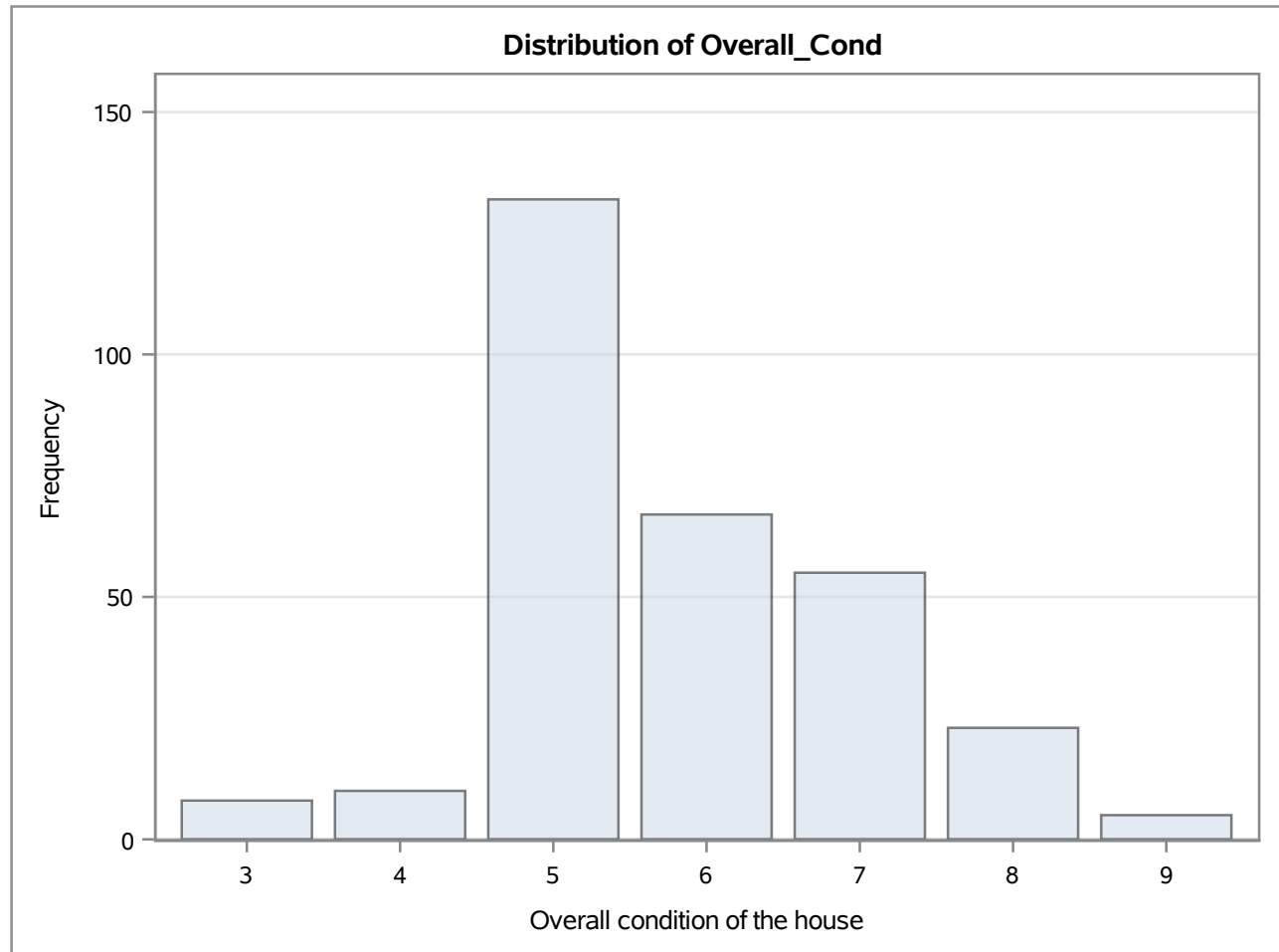


Overall condition of the house				
Overall_Cond	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3	8	2.67	8	2.67
4	10	3.33	18	6.00
5	132	44.00	150	50.00
6	67	22.33	217	72.33
7	55	18.33	272	90.67

Categorical Variable Frequency Analysis

The FREQ Procedure

Overall condition of the house				
Overall_Cond	Frequency	Percent	Cumulative Frequency	Cumulative Percent
8	23	7.67	295	98.33
9	5	1.67	300	100.00



Categorical Variable Frequency Analysis

The FREQ Procedure

Original construction year				
Year_Built	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1875	1	0.33	1	0.33
1900	2	0.67	3	1.00
1906	1	0.33	4	1.33
1910	5	1.67	9	3.00
1913	1	0.33	10	3.33
1914	1	0.33	11	3.67
1915	2	0.67	13	4.33
1916	2	0.67	15	5.00
1917	1	0.33	16	5.33
1918	2	0.67	18	6.00
1920	10	3.33	28	9.33
1921	2	0.67	30	10.00
1922	2	0.67	32	10.67
1923	3	1.00	35	11.67
1924	1	0.33	36	12.00
1925	4	1.33	40	13.33
1926	5	1.67	45	15.00
1927	1	0.33	46	15.33
1929	1	0.33	47	15.67
1930	5	1.67	52	17.33
1934	1	0.33	53	17.67
1935	2	0.67	55	18.33
1936	2	0.67	57	19.00
1937	1	0.33	58	19.33
1938	4	1.33	62	20.67
1939	4	1.33	66	22.00
1940	5	1.67	71	23.67
1941	3	1.00	74	24.67
1945	6	2.00	80	26.67
1946	2	0.67	82	27.33
1947	1	0.33	83	27.67
1948	1	0.33	84	28.00
1949	2	0.67	86	28.67
1950	9	3.00	95	31.67

Categorical Variable Frequency Analysis

The FREQ Procedure

Original construction year				
Year_Built	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1951	4	1.33	99	33.00
1952	2	0.67	101	33.67
1953	4	1.33	105	35.00
1954	6	2.00	111	37.00
1955	4	1.33	115	38.33
1956	2	0.67	117	39.00
1957	3	1.00	120	40.00
1958	6	2.00	126	42.00
1959	5	1.67	131	43.67
1960	5	1.67	136	45.33
1961	5	1.67	141	47.00
1962	6	2.00	147	49.00
1963	8	2.67	155	51.67
1964	7	2.33	162	54.00
1965	3	1.00	165	55.00
1966	7	2.33	172	57.33
1967	3	1.00	175	58.33
1968	4	1.33	179	59.67
1969	4	1.33	183	61.00
1970	5	1.67	188	62.67
1971	4	1.33	192	64.00
1972	8	2.67	200	66.67
1973	4	1.33	204	68.00
1974	3	1.00	207	69.00
1975	4	1.33	211	70.33
1976	4	1.33	215	71.67
1977	5	1.67	220	73.33
1978	7	2.33	227	75.67
1979	1	0.33	228	76.00
1980	2	0.67	230	76.67
1982	1	0.33	231	77.00
1983	3	1.00	234	78.00
1984	2	0.67	236	78.67
1985	1	0.33	237	79.00

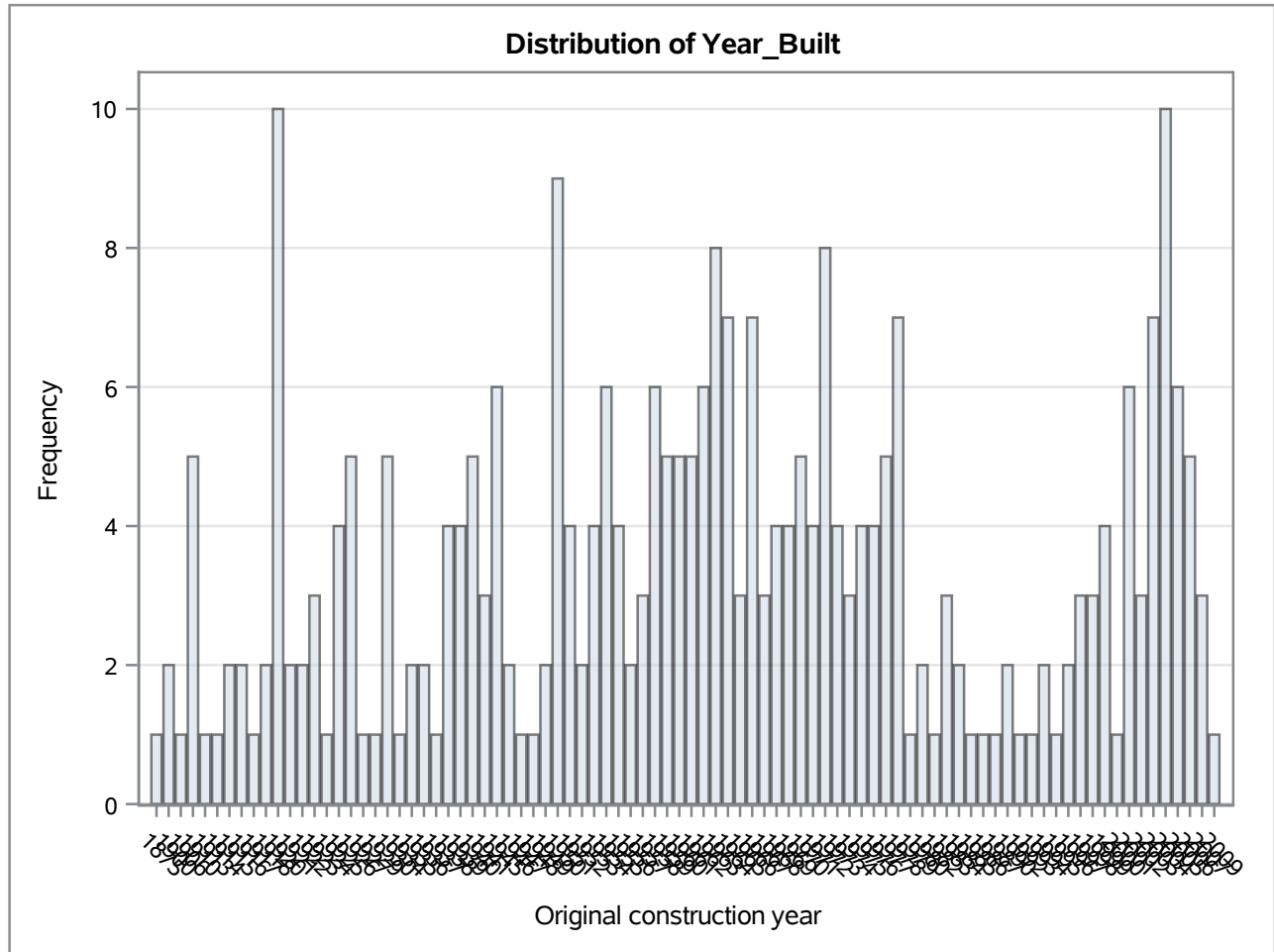
Categorical Variable Frequency Analysis

The FREQ Procedure

Original construction year				
Year_Built	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1986	1	0.33	238	79.33
1987	1	0.33	239	79.67
1990	2	0.67	241	80.33
1992	1	0.33	242	80.67
1993	1	0.33	243	81.00
1994	2	0.67	245	81.67
1995	1	0.33	246	82.00
1996	2	0.67	248	82.67
1997	3	1.00	251	83.67
1998	3	1.00	254	84.67
1999	4	1.33	258	86.00
2000	1	0.33	259	86.33
2001	6	2.00	265	88.33
2002	3	1.00	268	89.33
2003	7	2.33	275	91.67
2004	10	3.33	285	95.00
2005	6	2.00	291	97.00
2006	5	1.67	296	98.67
2007	3	1.00	299	99.67
2009	1	0.33	300	100.00

Categorical Variable Frequency Analysis

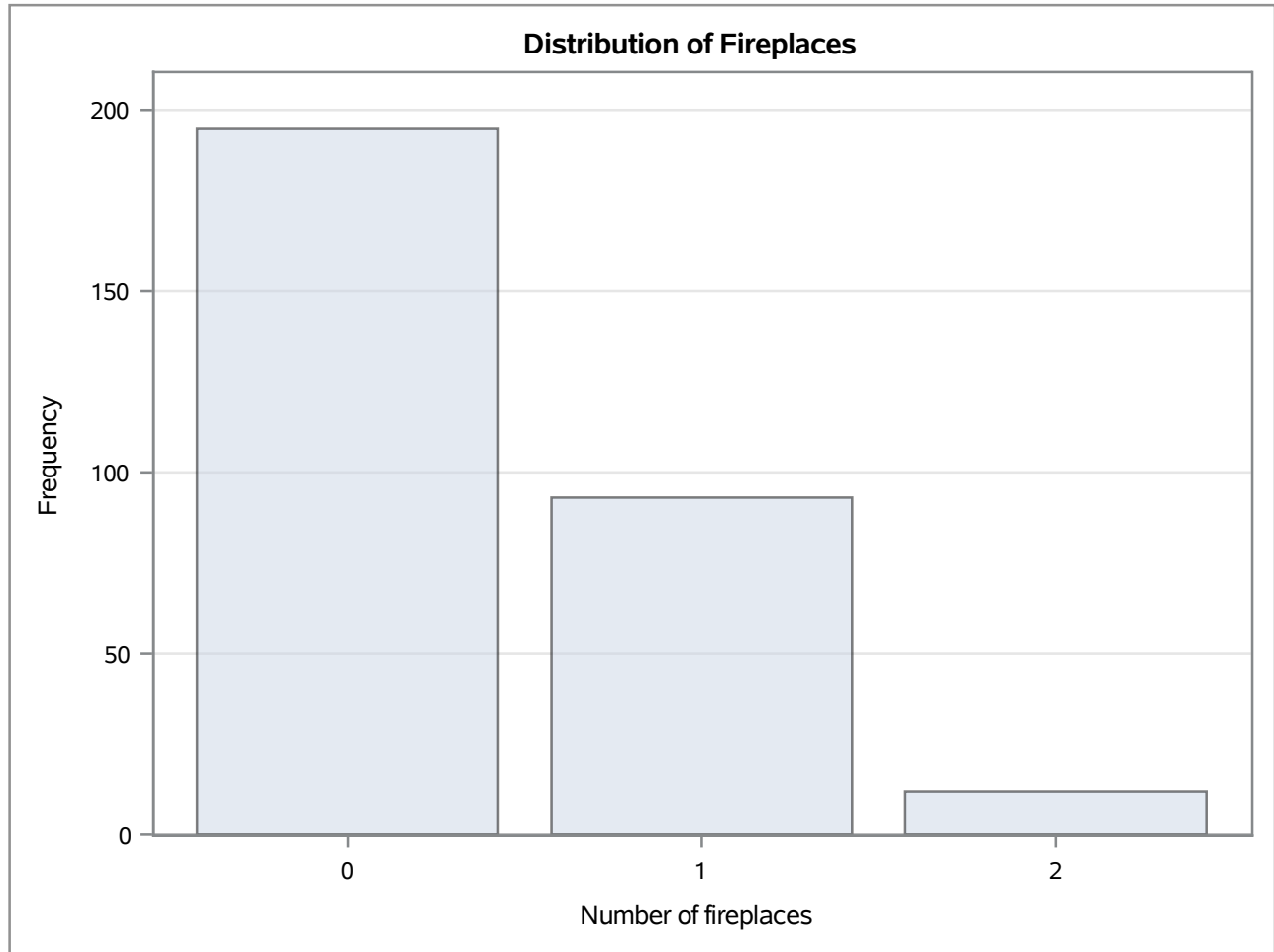
The FREQ Procedure



Number of fireplaces				
Fireplaces	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	195	65.00	195	65.00
1	93	31.00	288	96.00
2	12	4.00	300	100.00

Categorical Variable Frequency Analysis

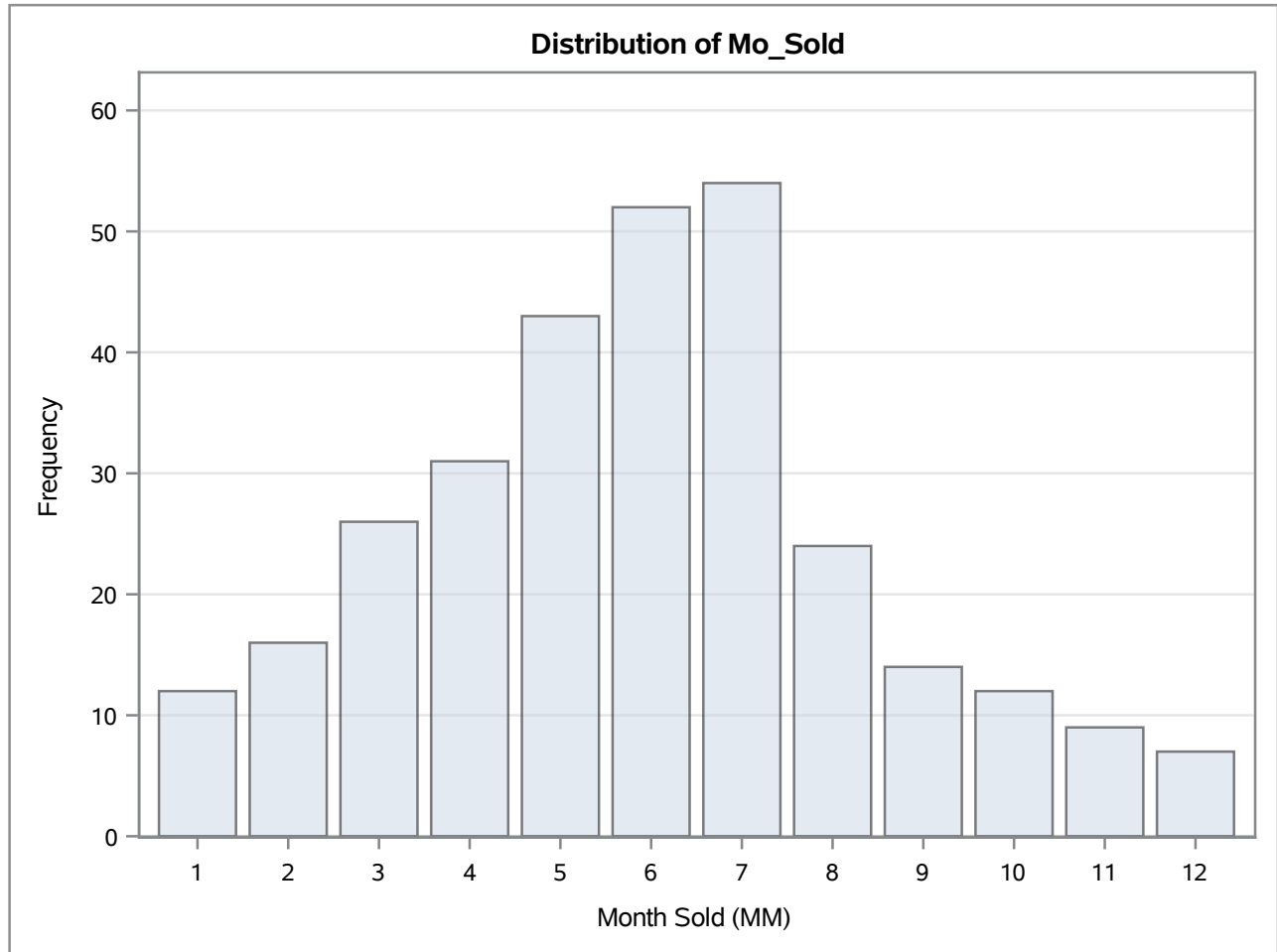
The FREQ Procedure



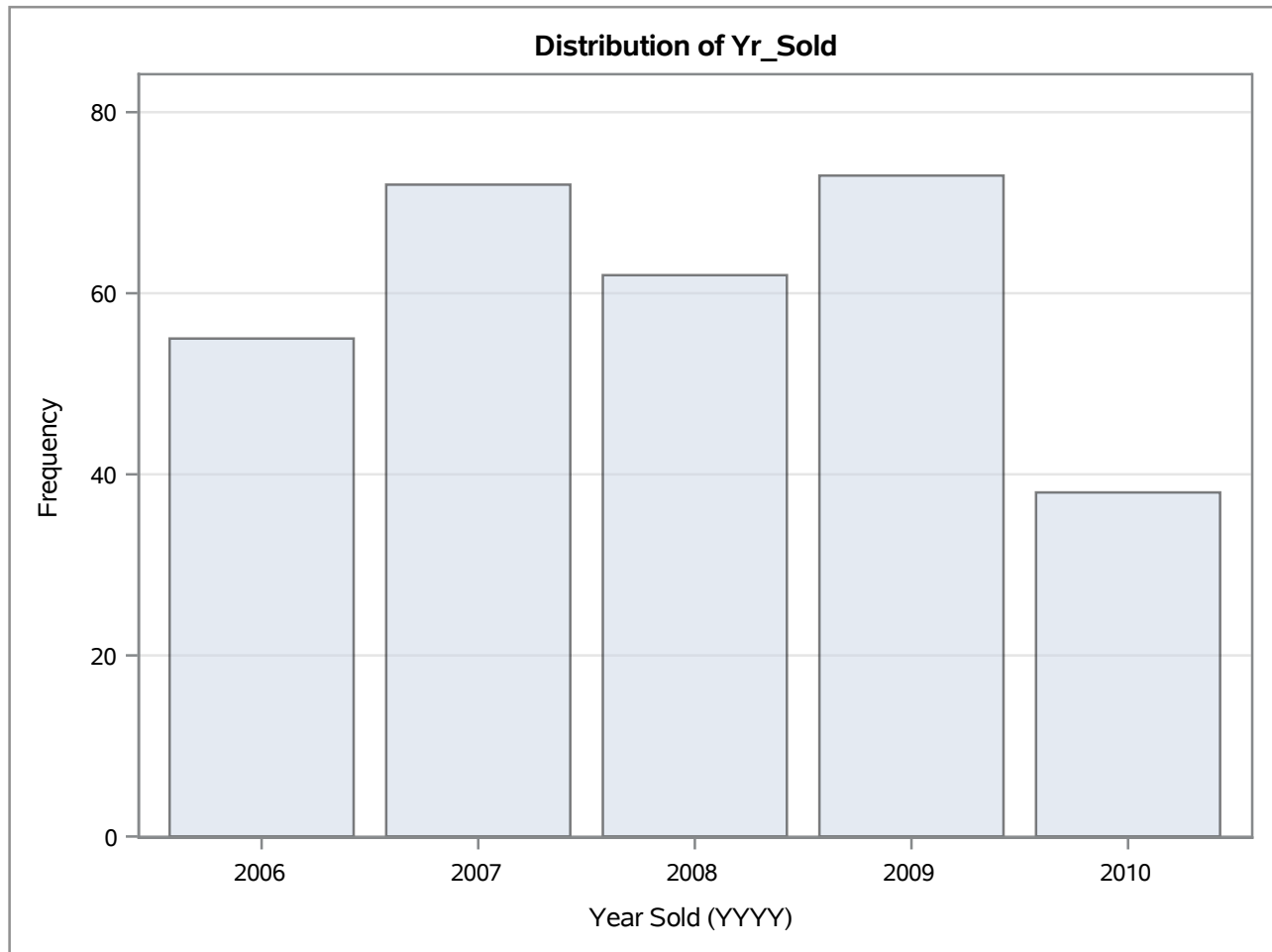
Month Sold (MM)				
Mo_Sold	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	12	4.00	12	4.00
2	16	5.33	28	9.33
3	26	8.67	54	18.00
4	31	10.33	85	28.33
5	43	14.33	128	42.67
6	52	17.33	180	60.00
7	54	18.00	234	78.00
8	24	8.00	258	86.00
9	14	4.67	272	90.67
10	12	4.00	284	94.67
11	9	3.00	293	97.67
12	7	2.33	300	100.00

Categorical Variable Frequency Analysis

The FREQ Procedure



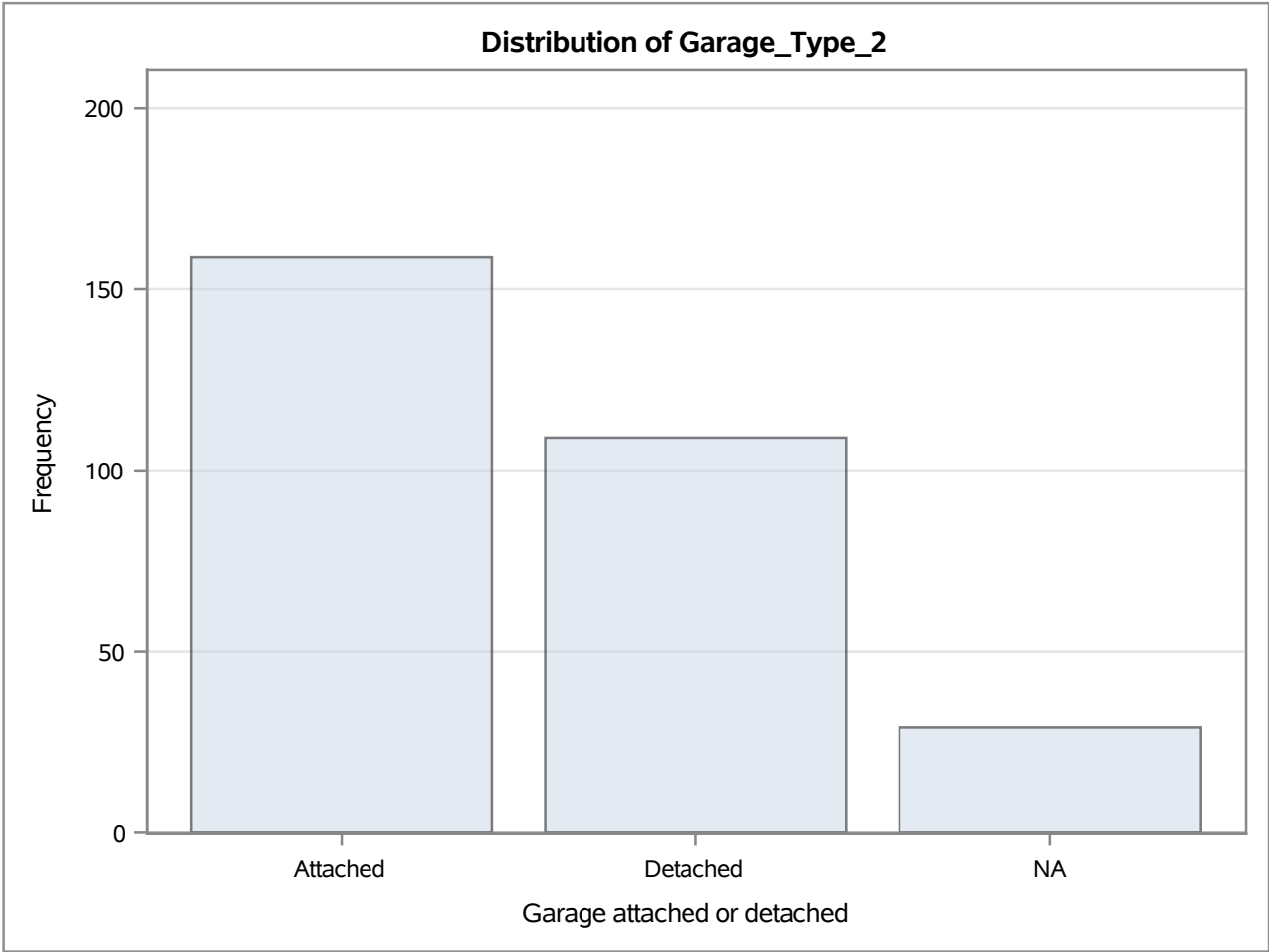
Year Sold (YYYY)				
Yr_Sold	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2006	55	18.33	55	18.33
2007	72	24.00	127	42.33
2008	62	20.67	189	63.00
2009	73	24.33	262	87.33
2010	38	12.67	300	100.00

Categorical Variable Frequency Analysis**The FREQ Procedure**

Garage attached or detached				
Garage_Type_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Attached	159	53.54	159	53.54
Detached	109	36.70	268	90.24
NA	29	9.76	297	100.00
Frequency Missing = 3				

Categorical Variable Frequency Analysis

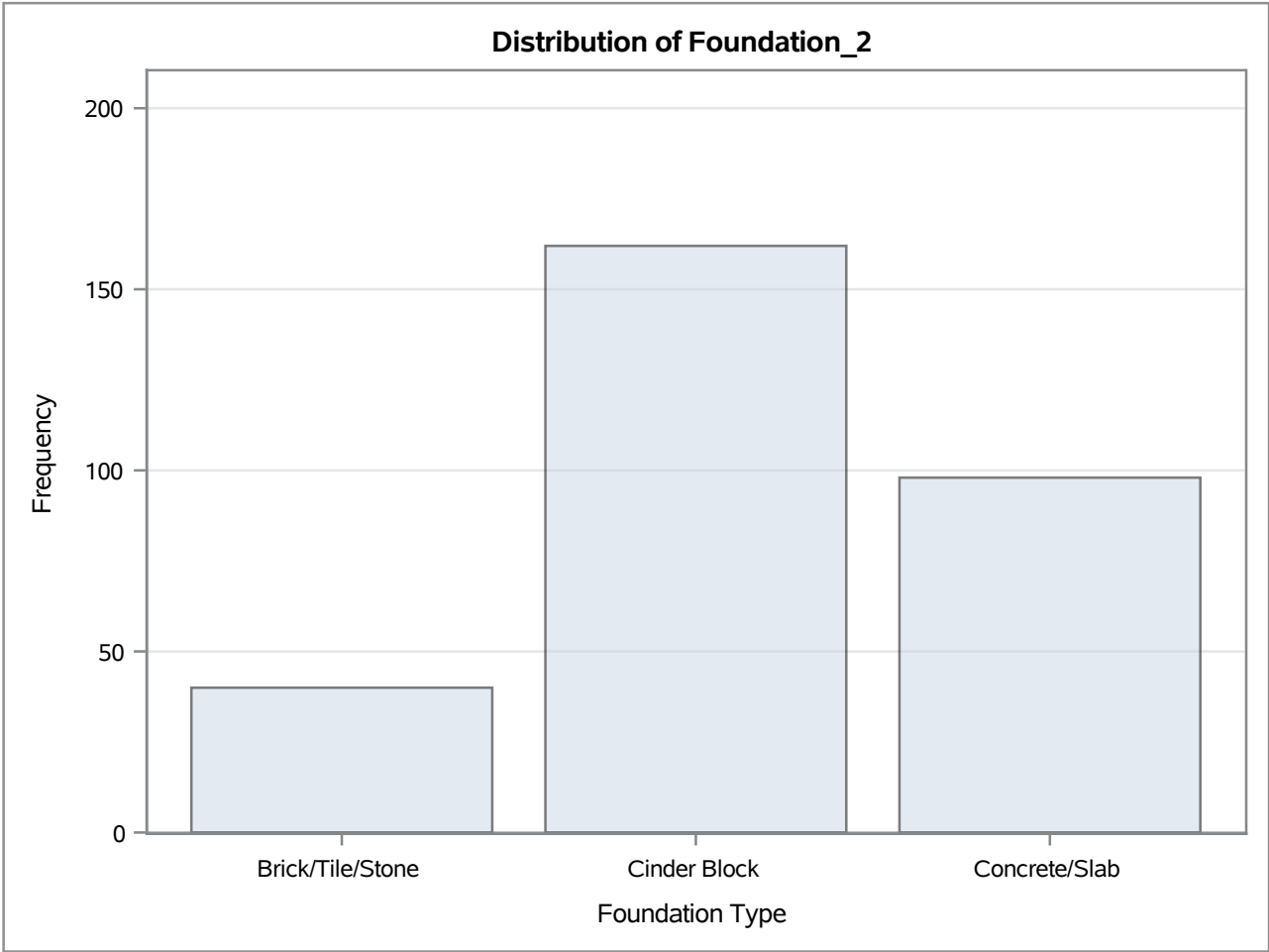
The FREQ Procedure



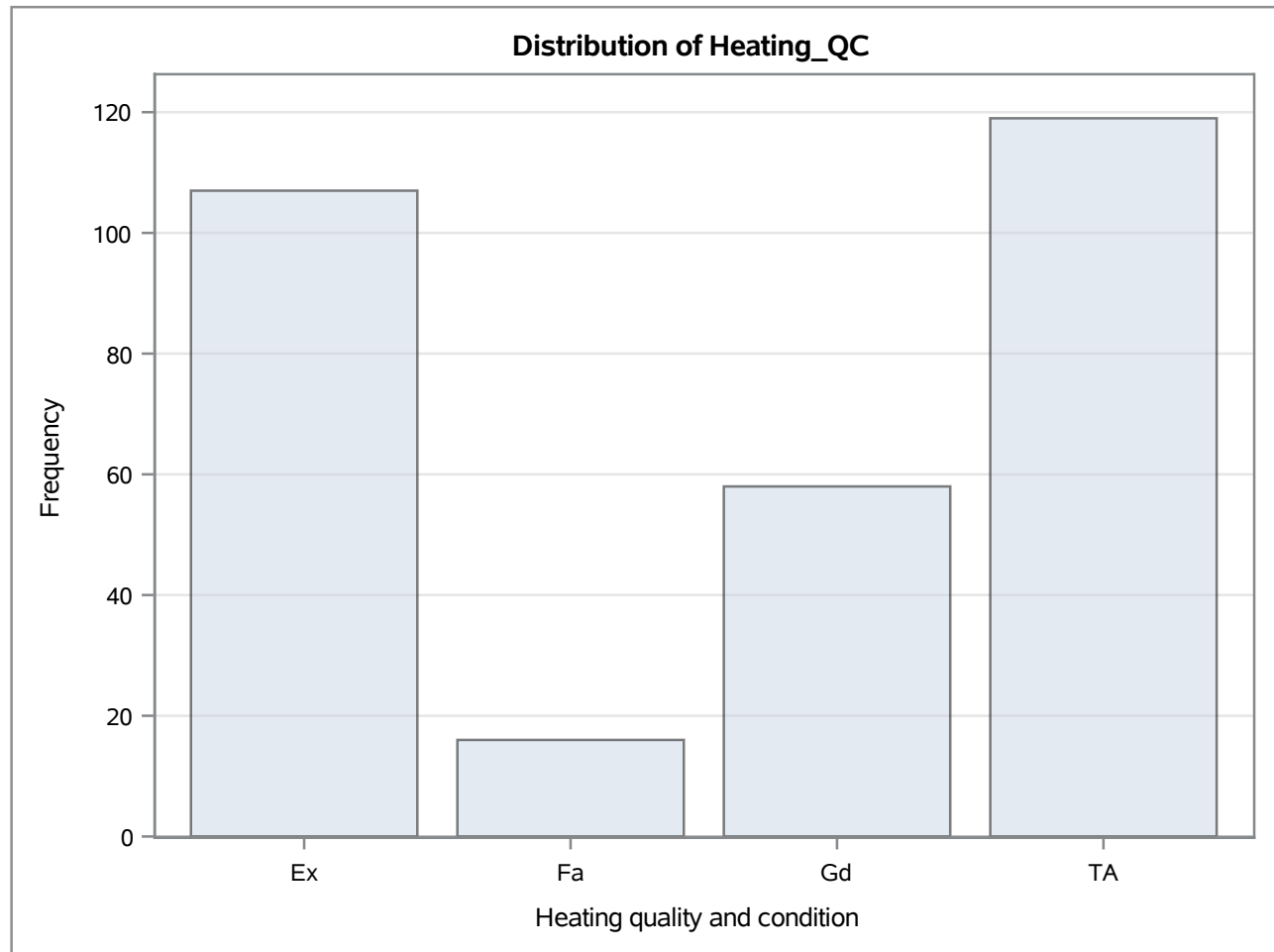
Foundation Type				
Foundation_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Brick/Tile/Stone	40	13.33	40	13.33
Cinder Block	162	54.00	202	67.33
Concrete/Slab	98	32.67	300	100.00

Categorical Variable Frequency Analysis

The FREQ Procedure



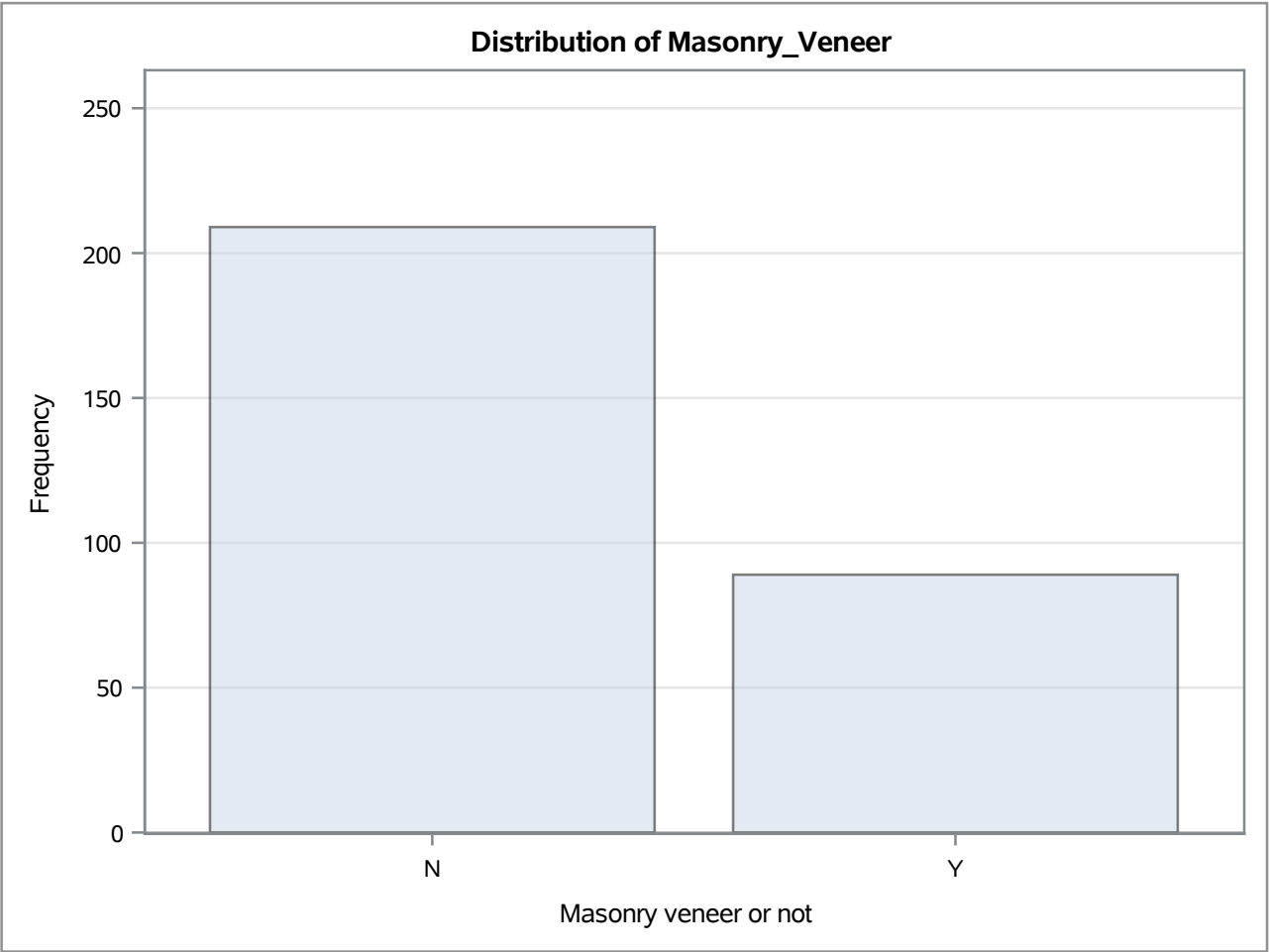
Heating quality and condition				
Heating_QC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Ex	107	35.67	107	35.67
Fa	16	5.33	123	41.00
Gd	58	19.33	181	60.33
TA	119	39.67	300	100.00

Categorical Variable Frequency Analysis**The FREQ Procedure**

Masonry veneer or not				
Masonry_Veneer	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	209	70.13	209	70.13
Y	89	29.87	298	100.00
Frequency Missing = 2				

Categorical Variable Frequency Analysis

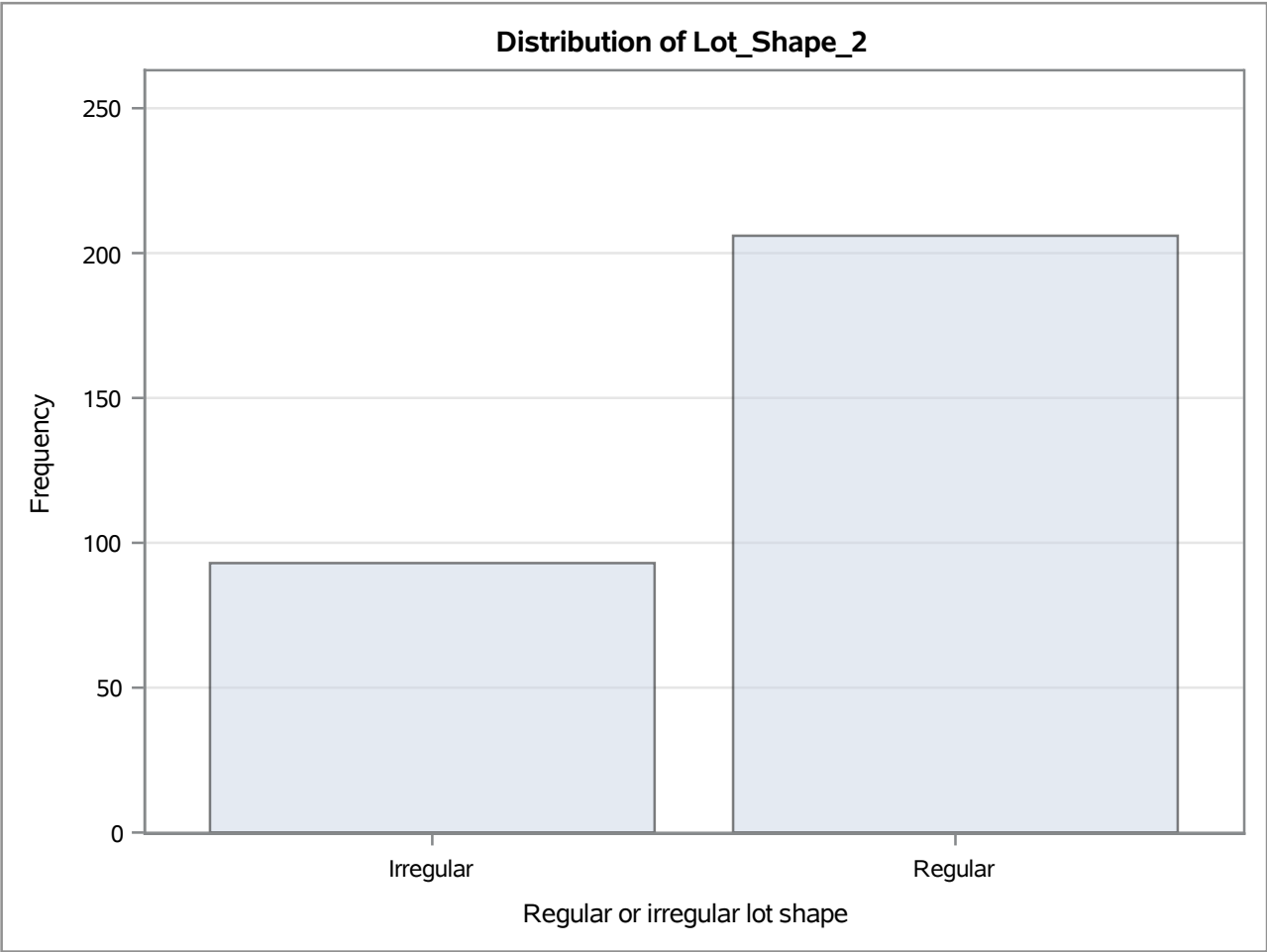
The FREQ Procedure



Regular or irregular lot shape				
Lot_Shape_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Irregular	93	31.10	93	31.10
Regular	206	68.90	299	100.00
Frequency Missing = 1				

Categorical Variable Frequency Analysis

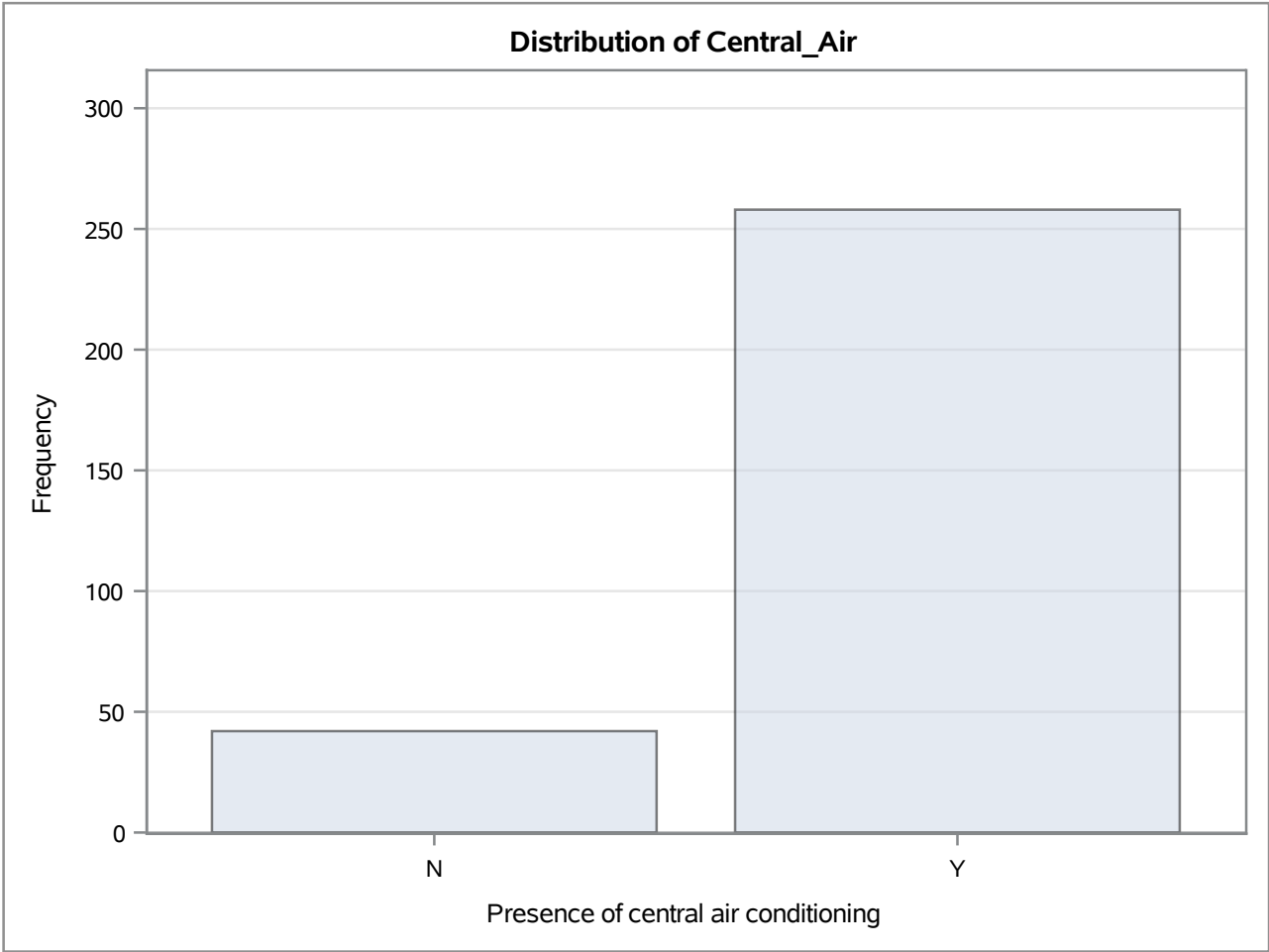
The FREQ Procedure



Presence of central air conditioning				
Central_Air	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	42	14.00	42	14.00
Y	258	86.00	300	100.00

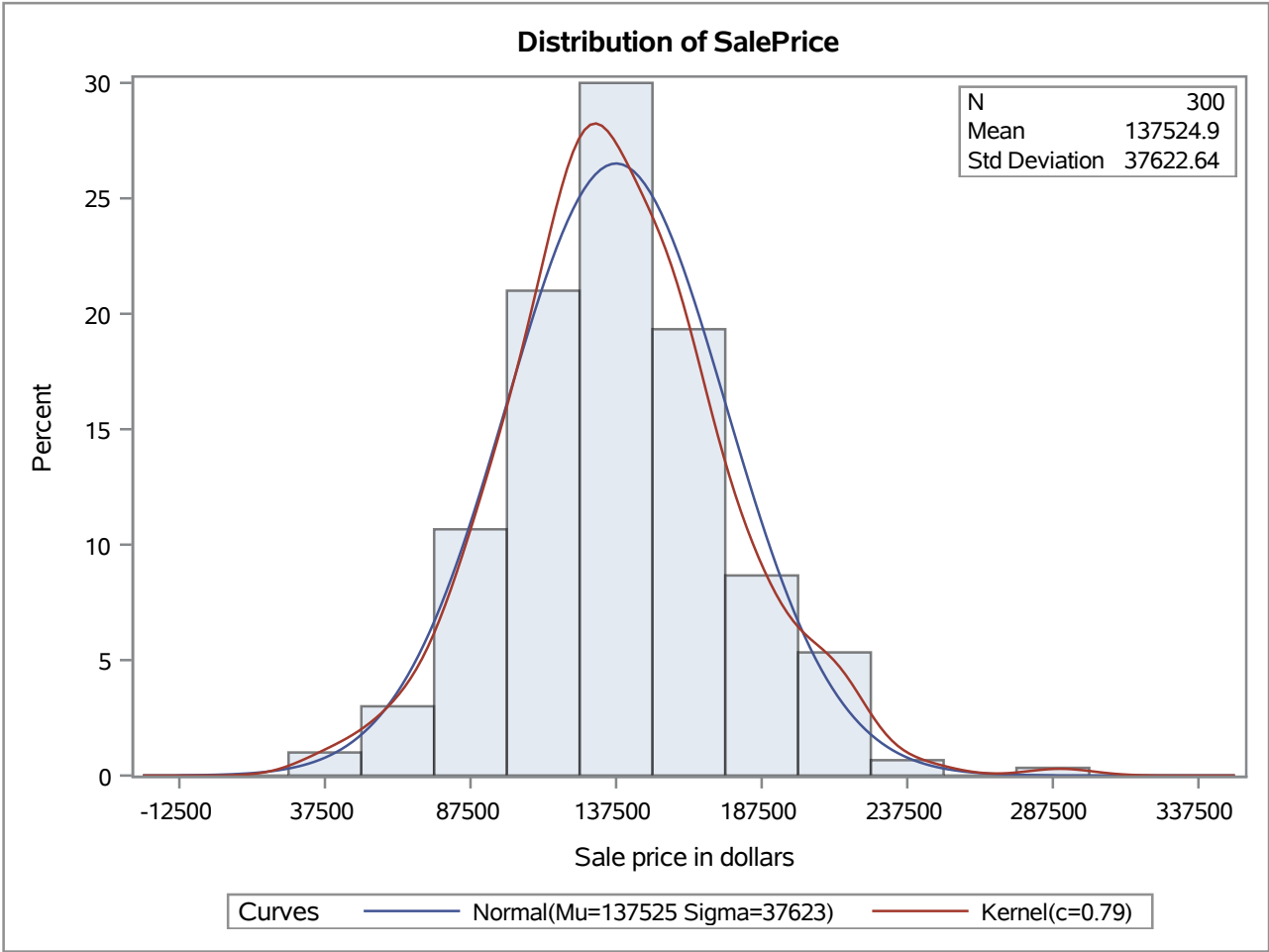
Categorical Variable Frequency Analysis

The FREQ Procedure



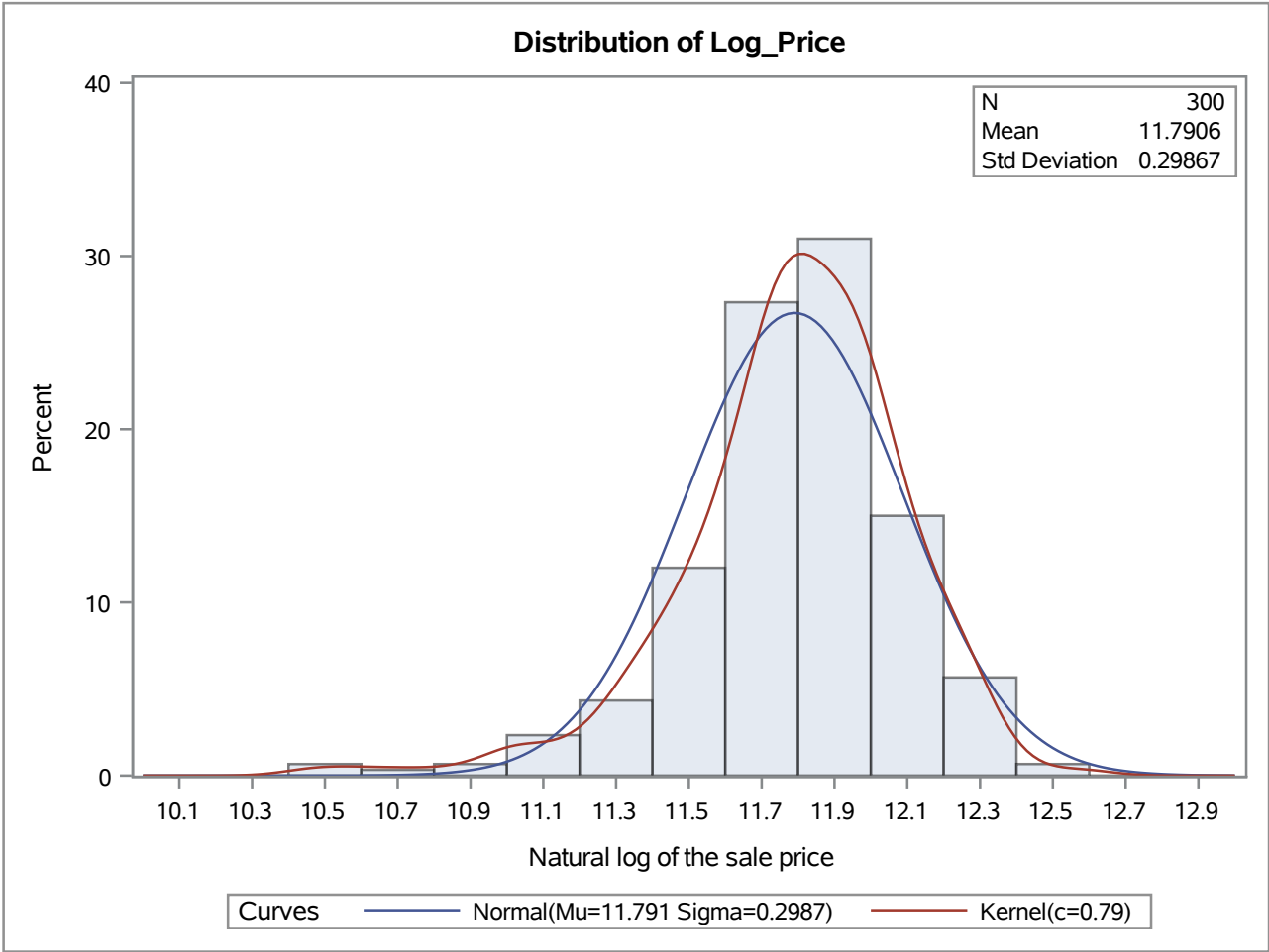
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



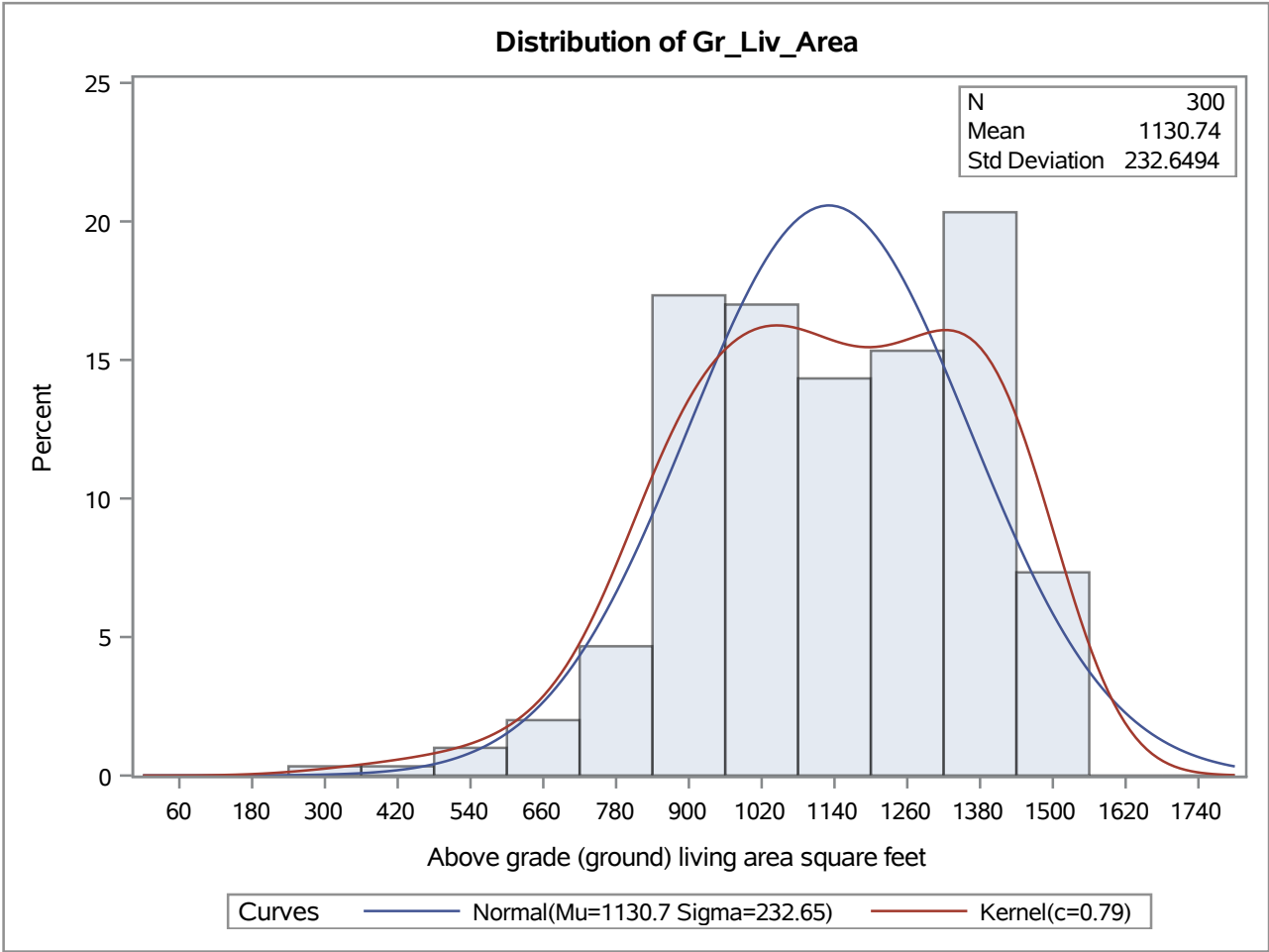
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



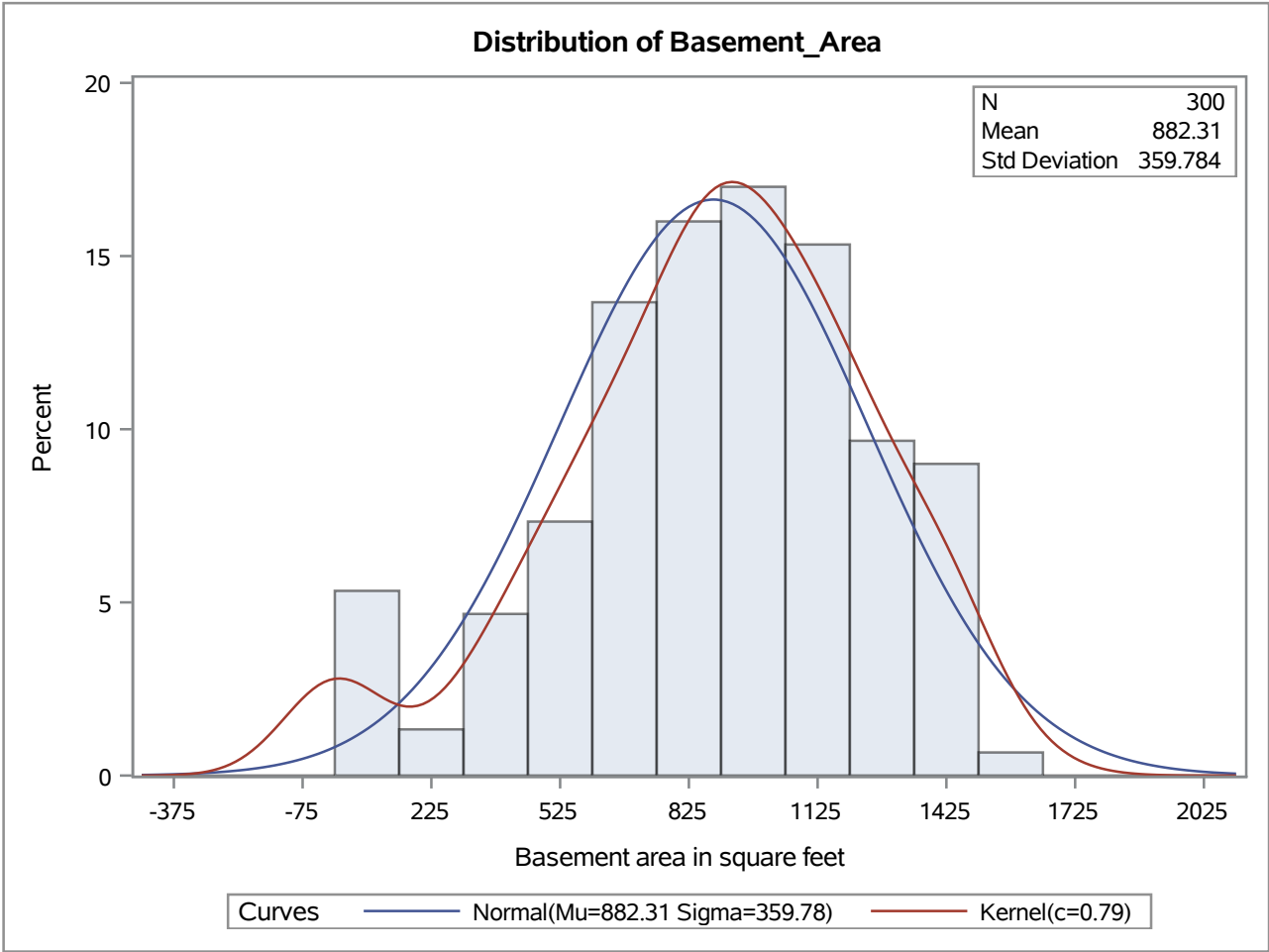
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



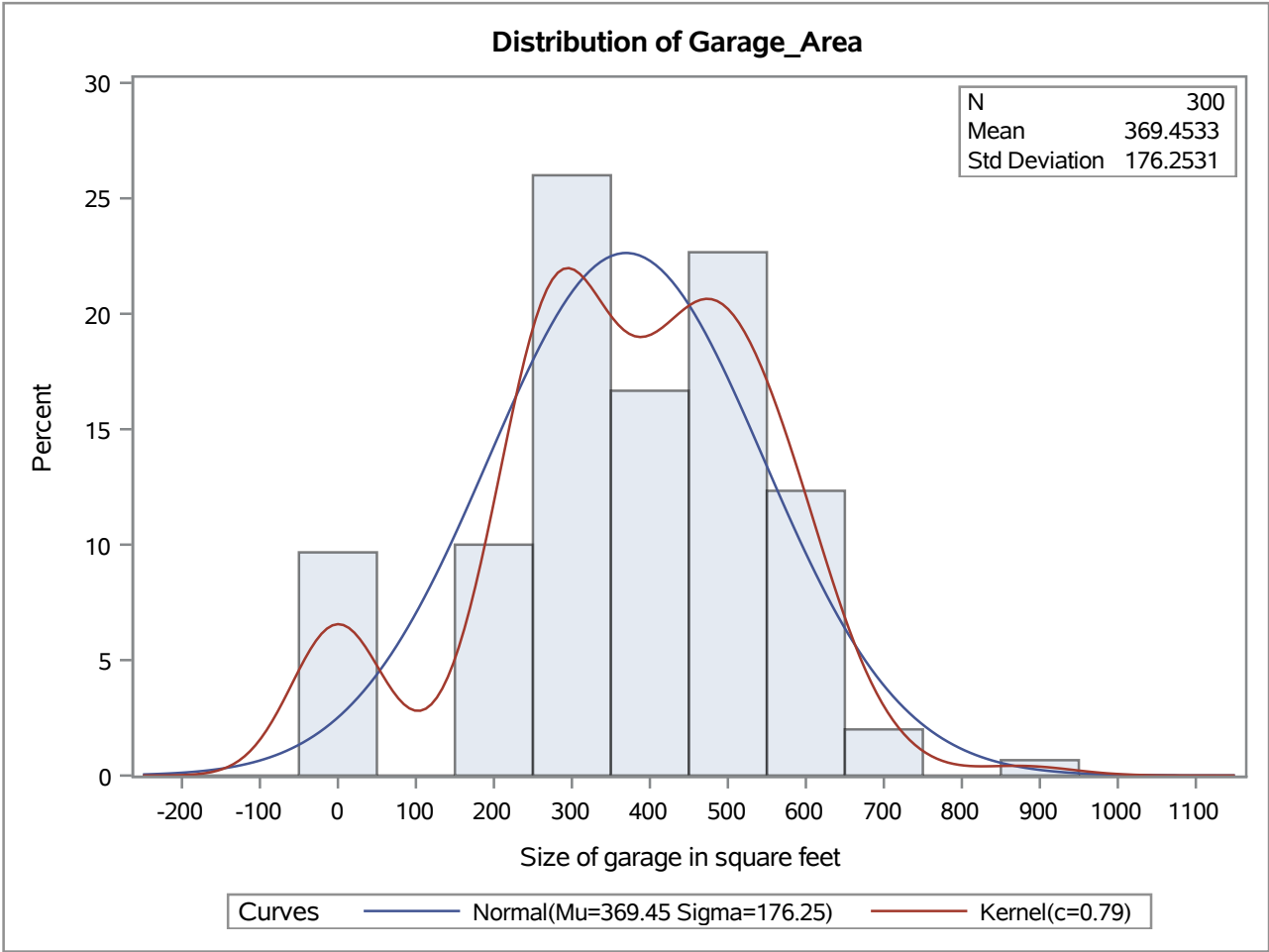
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



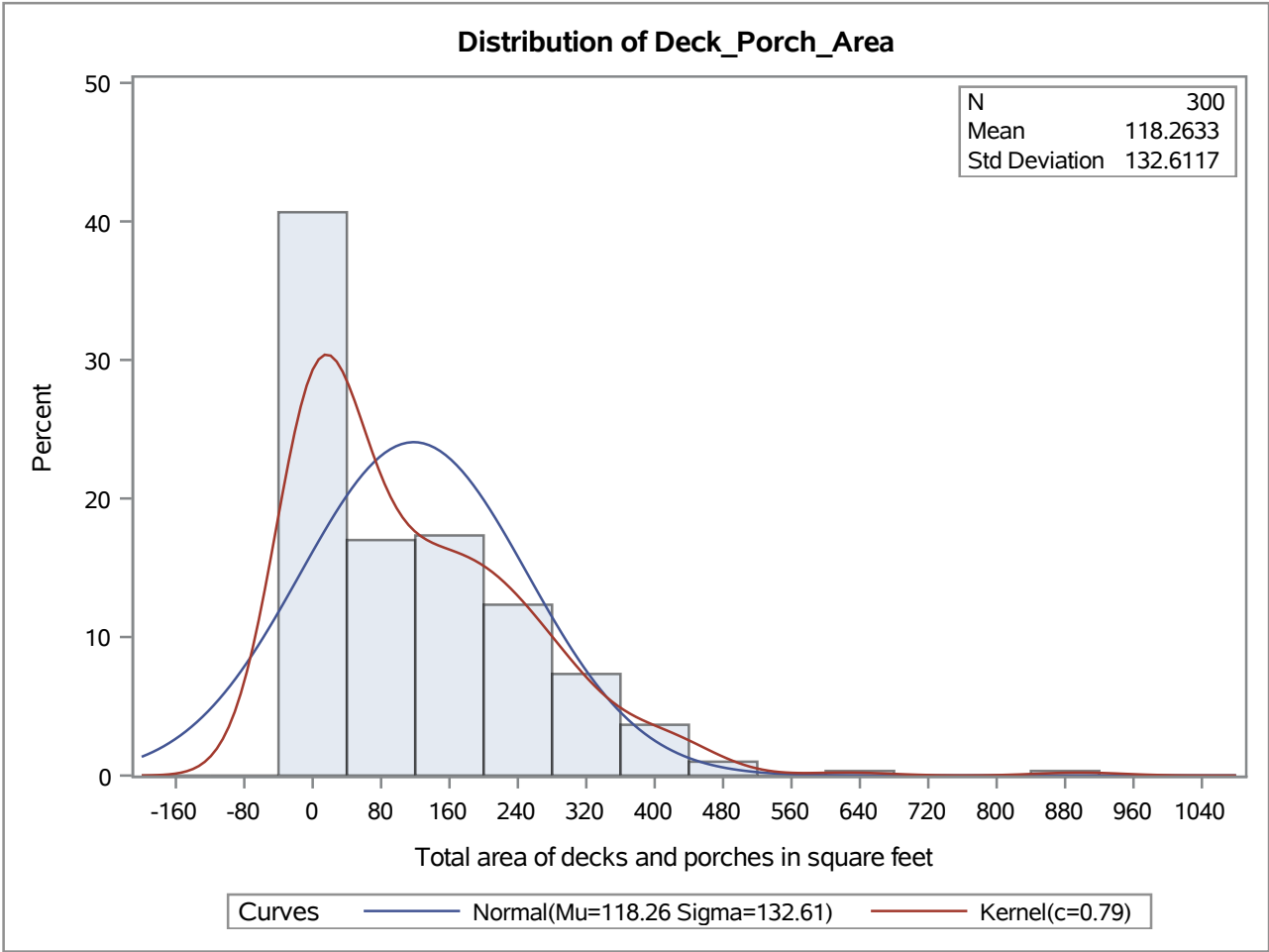
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



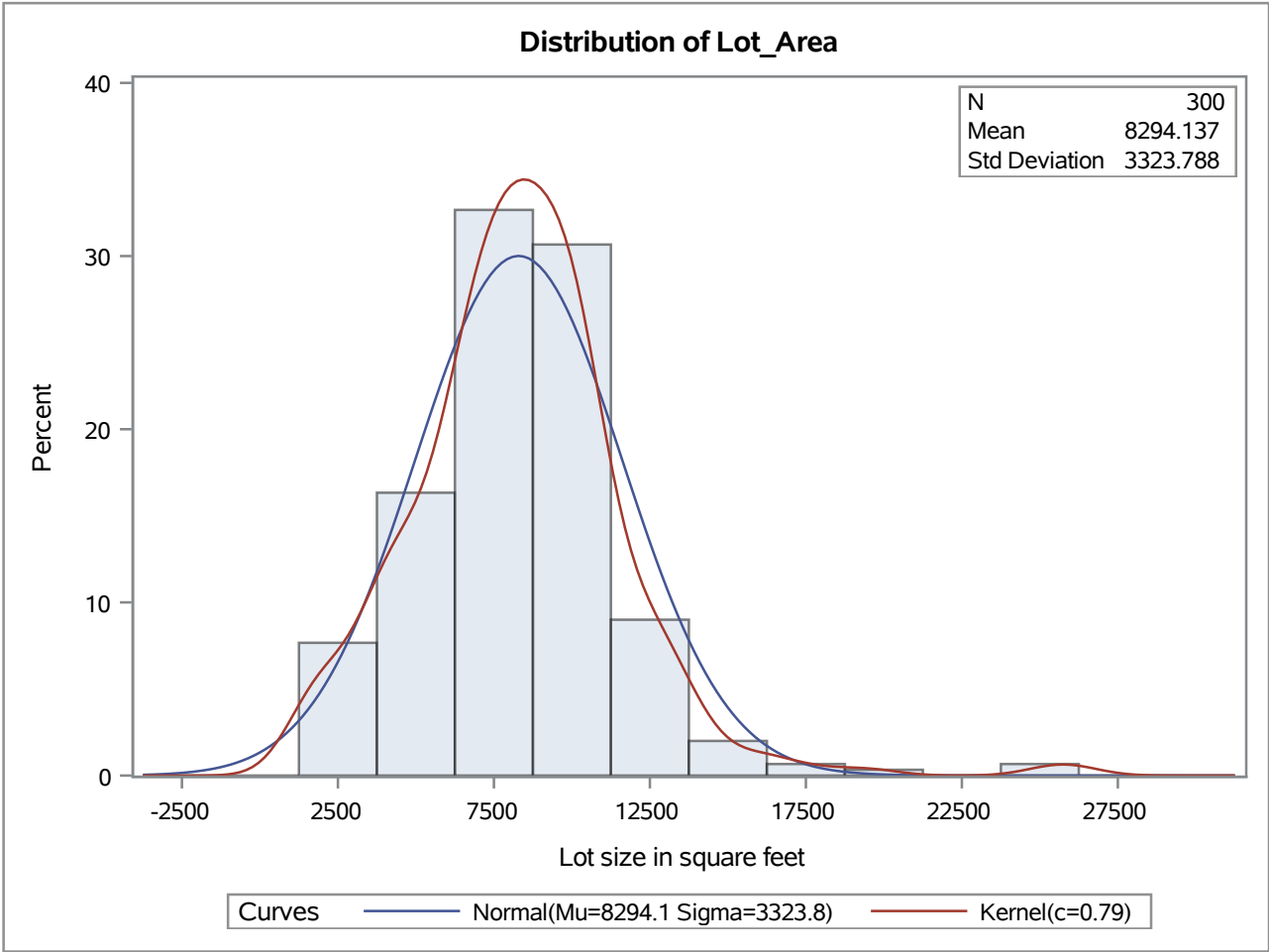
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



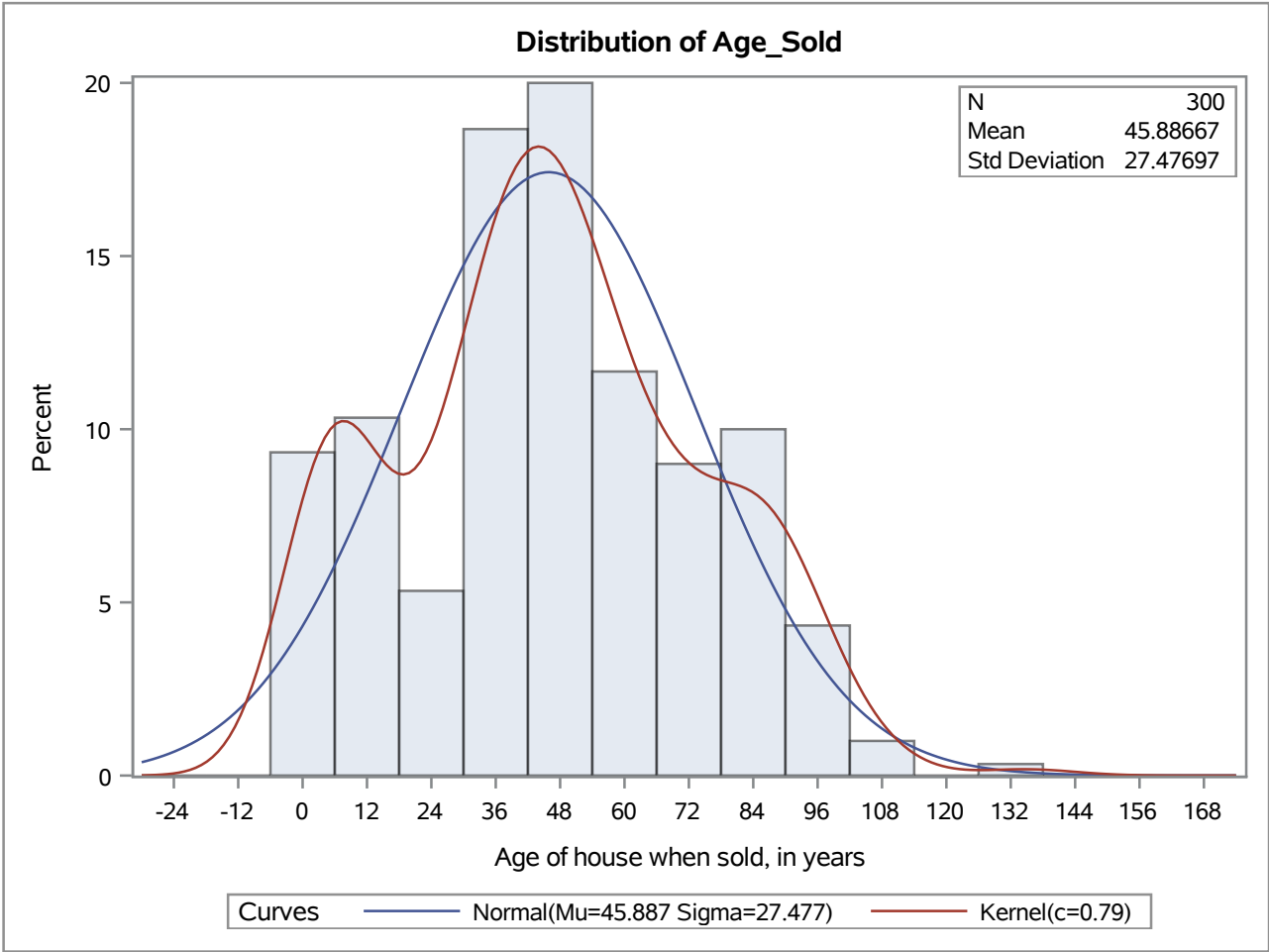
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



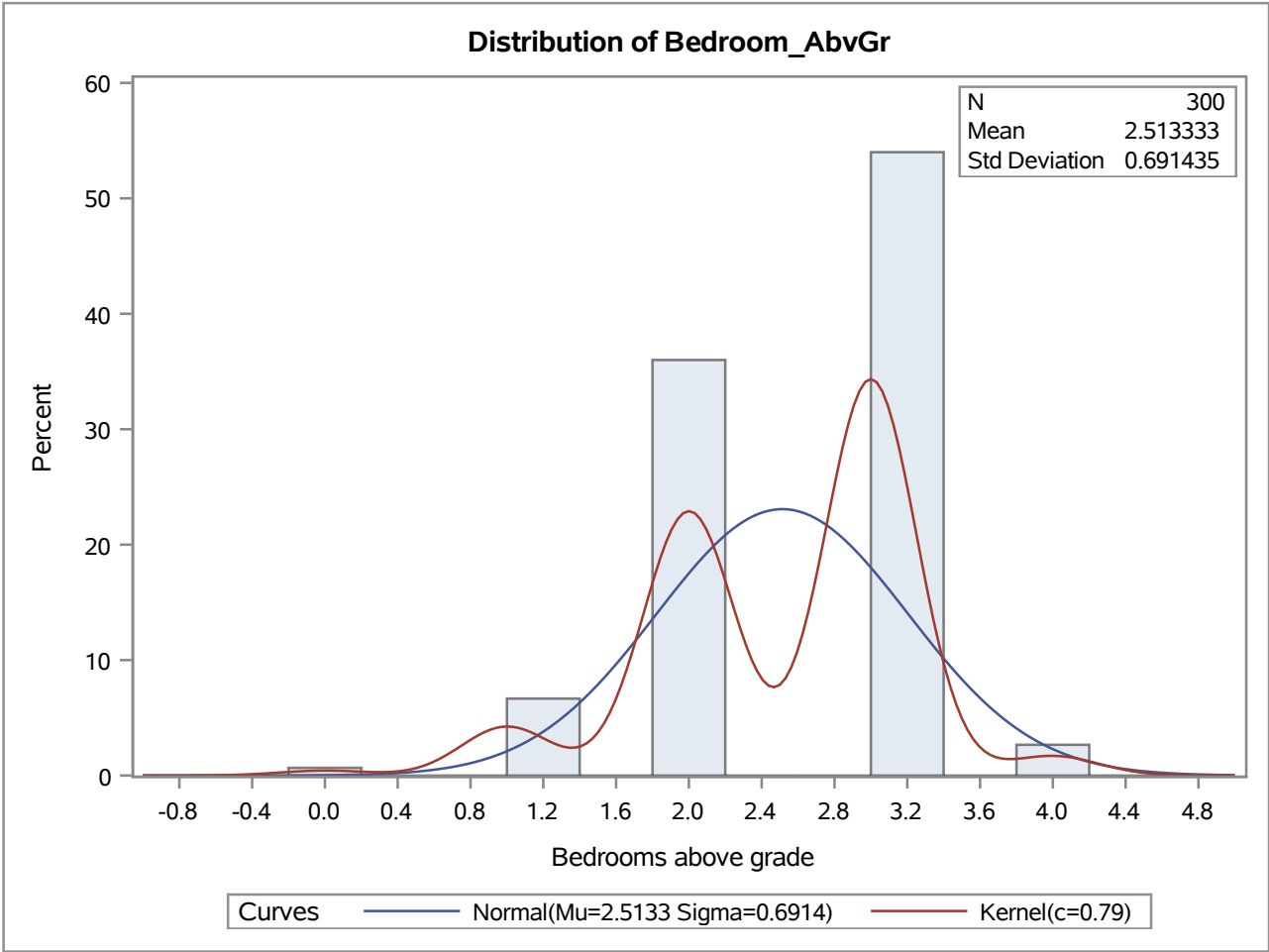
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



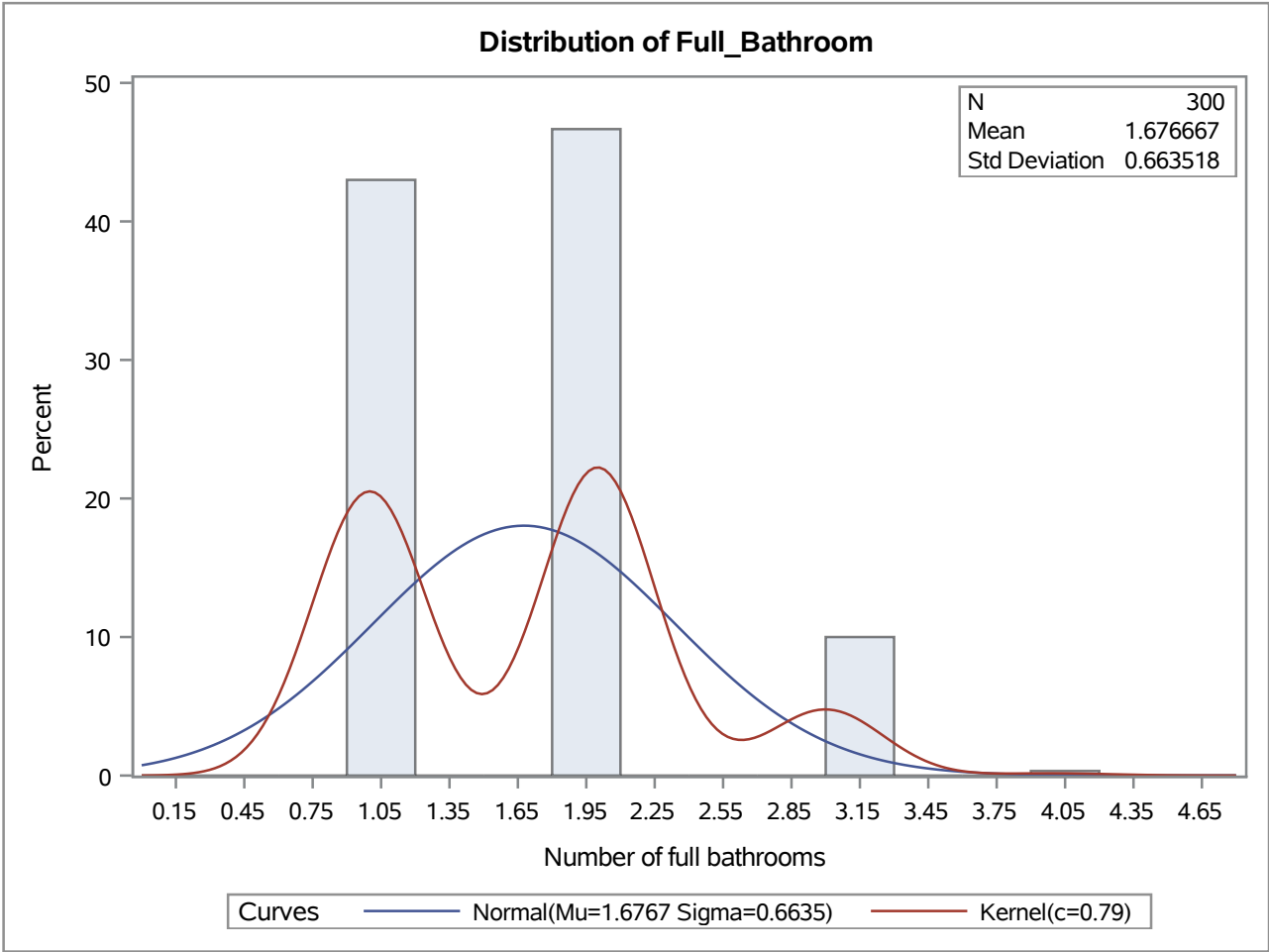
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



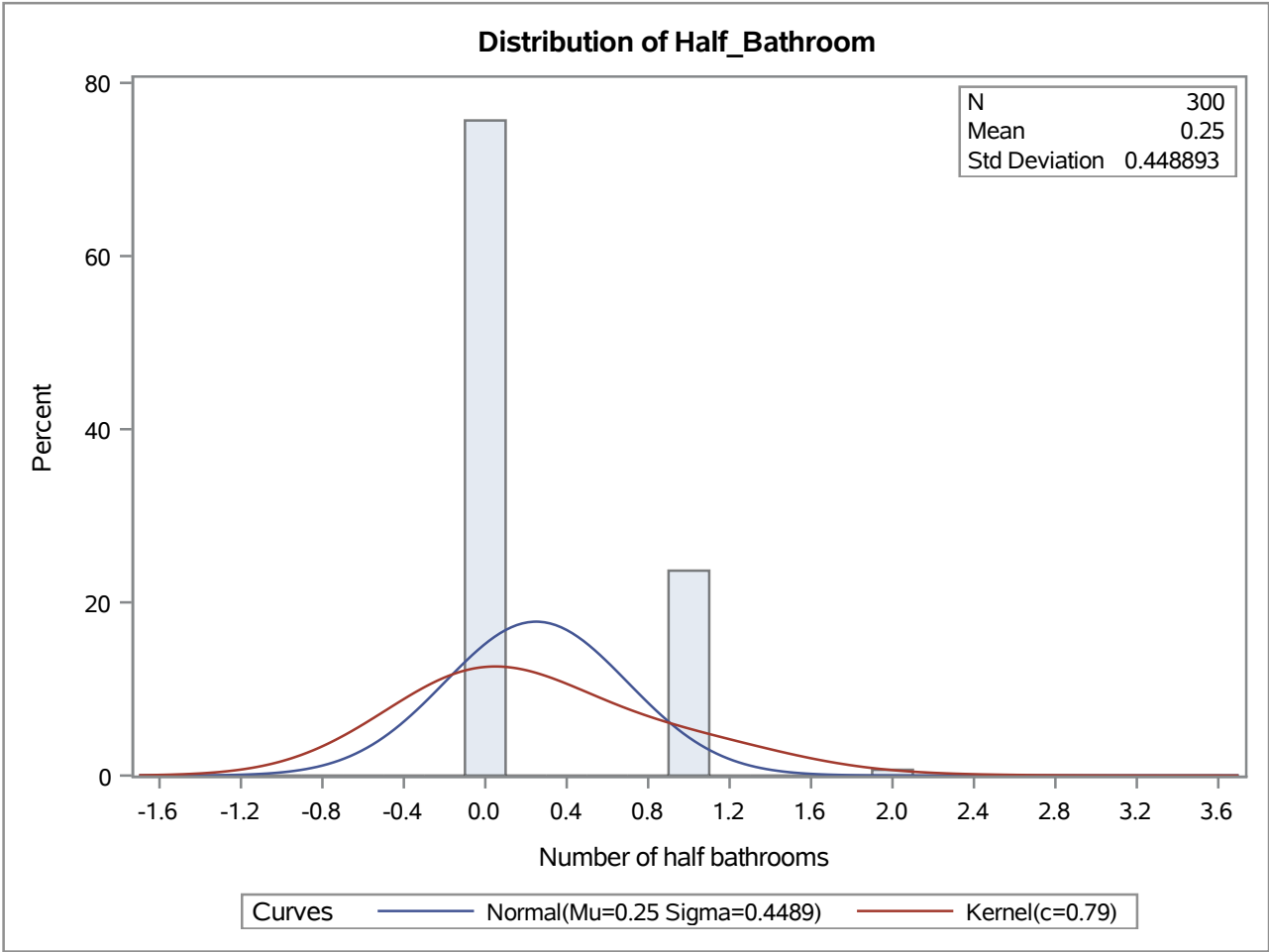
Interval Variable Distribution Analysis

The UNIVARIATE Procedure



Interval Variable Distribution Analysis

The UNIVARIATE Procedure



Interval Variable Distribution Analysis

The UNIVARIATE Procedure

