The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
sqft_living	801	1880.52	704.1278824	420.0000000	4340.00
sqft_lot	801	6940.70	3256.27	772.0000000	16677.00
Age_At_Sale	801	42.6367041	29.6350148	0	115.0000000

Obs	_TYPE_	_FREQ_	Meansqft_living	Meansqft_lot	MeanAge_At_Sale
1	0	801	1880.5243446	6940.701623	42.63670412

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
1	5088500310	2660	16677	25	1880.5243446	6940.701623	42.63670412	0.007812107	20150312T000000
2	240000130	3280	16575	42	1880.5243446	6940.701623	42.63670412	0.011369049	20141013T000000
3	3882300100	1600	16510	30	1880.5243446	6940.701623	42.63670412	0.032335494	20141201T000000
4	8917100180	2630	16411	40	1880.5243446	6940.701623	42.63670412	0.010478275	20140604T000000
5	5152800030	2910	16362	46	1880.5243446	6940.701623	42.63670412	0.034601114	20150421T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
1	435000	3	2	1	0	0	3	9	2210	450	1990	0
2	706000	4	2.5	1	0	0	3	9	2190	1090	1972	0
3	490000	3	1.75	1	0	0	3	8	1600	0	1984	0
4	583000	6	2.75	1	0	0	4	8	1650	980	1974	0
5	485000	4	2.75	1	0	2	4	9	2120	790	1969	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
1	98038	47.3689	-122.055	2660	11355	0	1	1
2	98188	47.426	-122.285	1570	13209	0	1	1
3	98052	47.6601	-122.135	1510	10407	0	0	1
4	98052	47.6309	-122.093	2250	12255	0	1	1
5	98003	47.3397	-122.322	2850	14904	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
1	#REF!	#REF!	#REF!	#REF!
2	#REF!	#REF!	#REF!	#REF!
3	#REF!	#REF!	#REF!	#REF!
4	#REF!	#REF!	#REF!	#REF!
5	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
1	#REF!	#REF!	779.48	9736.30	-17.6367	607582.30	94795506.09
2	#REF!	#REF!	1399.48	9634.30	-0.6367	1958532.11	92819705.22
3	#REF!	#REF!	-280.52	9569.30	-12.6367	78693.91	91571471.43
4	#REF!	#REF!	749.48	9470.30	-2.6367	561713.76	89686551.35
5	#REF!	#REF!	1029.48	9421.30	3.3633	1059820.13	88760863.11

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
1	311.05	95403399.44	9767.47
2	0.41	94778237.73	9735.41
3	159.69	91650325.02	9573.42
4	6.95	90248272.06	9499.91
5	11.31	89820694.55	9477.38

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
6	7504100920	3450	16200	31	1880.5243446	6940.701623	42.63670412	0.002355165	20140618T000000
7	8856890200	1780	16290	27	1880.5243446	6940.701623	42.63670412	0.036818387	20140626T000000
8	4027700021	2440	15815	1	1880.5243446	6940.701623	42.63670412	0.036873293	20150311T000000
9	3578400500	2220	15757	32	1880.5243446	6940.701623	42.63670412	0.042102295	20141209T000000
10	3298600340	3320	15600	37	1880.5243446	6940.701623	42.63670412	0.011845469	20140905T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
6	688000	3	3	2	0	0	3	10	3450	0	1983	0
7	350000	3	2.25	2	0	0	4	8	1780	0	1987	0
8	680000	5	3.25	2	0	0	3	8	1990	450	2014	0
9	558000	3	2.25	1	0	0	3	8	1280	940	1982	0
10	400000	6	3	1	0	0	4	8	1660	1660	1977	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
6	98074	47.6319	-122.041	3130	12150	1	0	1
7	98058	47.4622	-122.127	1780	8810	1	0	1
8	98155	47.774	-122.28	2500	14201	1	1	1
9	98074	47.6212	-122.043	2020	14098	0	1	1
10	98092	47.2983	-122.166	2330	15360	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
6	#REF!	#REF!	#REF!	#REF!
7	#REF!	#REF!	#REF!	#REF!
8	#REF!	#REF!	#REF!	#REF!
9	#REF!	#REF!	#REF!	#REF!
10	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
6	#REF!	#REF!	1569.48	9259.30	-11.6367	2463253.83	85734606.43
7	#REF!	#REF!	-100.52	9349.30	-15.6367	10105.14	87409380.14
8	#REF!	#REF!	559.48	8874.30	-41.6367	313013.01	78753171.68
9	#REF!	#REF!	339.48	8816.30	-10.6367	115243.72	77727117.07
10	#REF!	#REF!	1439.48	8659.30	-5.6367	2072090.16	74983448.38

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
6	135.41	88197995.68	9391.38
7	244.51	87419729.79	9349.85
8	1733.62	79067918.31	8892.01
9	113.14	77842473.93	8822.84
10	31.77	77055570.32	8778.13

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
11	4046700140	1680	15084	35	1880.5243446	6940.701623	42.63670412	0.024204902	20141002T000000
12	3396800280	2120	15000	32	1880.5243446	6940.701623	42.63670412	0.024715817	20150223T000000
13	7852160070	4210	14599	11	1880.5243446	6940.701623	42.63670412	0.020904008	20150105T000000
14	2144800311	2080	14659	54	1880.5243446	6940.701623	42.63670412	0.021208524	20141113T000000
15	2867300170	3402	14355	1	1880.5243446	6940.701623	42.63670412	0.043282885	20150513T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
11	340000	4	1.75	1	0	0	4	7	840	840	1979	0
12	637000	4	2.5	2	0	0	4	8	2120	0	1983	0
13	937500	5	3.75	2	0	3	3	10	4210	0	2004	0
14	315000	2	1	1	0	0	3	7	1040	1040	1960	0
15	498000	4	2.5	2	0	0	3	10	2846	556	2014	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
11	98014	47.6895	-121.912	1800	15092	0	1	0
12	98052	47.7159	-122.1	2170	15000	1	0	1
13	98065	47.5364	-121.858	3950	13591	1	0	1
14	98178	47.4858	-122.231	1920	15208	0	1	0
15	98023	47.3009	-122.385	3402	8487	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
11	#REF!	#REF!	#REF!	#REF!
12	#REF!	#REF!	#REF!	#REF!
13	#REF!	#REF!	#REF!	#REF!
14	#REF!	#REF!	#REF!	#REF!
15	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
11	#REF!	#REF!	-200.52	8143.30	-7.6367	40210.01	66313308.46
12	#REF!	#REF!	239.48	8059.30	-10.6367	57348.59	64952290.33
13	#REF!	#REF!	2329.48	7658.30	-31.6367	5426456.83	58649534.03
14	#REF!	#REF!	199.48	7718.30	11.3633	39790.54	59572129.84
15	#REF!	#REF!	1521.48	7414.30	-41.6367	2314888.17	54971820.42

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
11	58.32	66353576.79	8145.77
12	113.14	65009752.06	8062.86
13	1000.88	64076991.74	8004.81
14	129.12	59612049.50	7720.88
15	1733.62	57288442.21	7568.91

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
16	9542100165	3720	14125	54	1880.5243446	6940.701623	42.63670412	0.002249352	20141107T000000
17	7327500200	1180	14292	33	1880.5243446	6940.701623	42.63670412	0.011625693	20140618T000000
18	7715600070	1560	14288	70	1880.5243446	6940.701623	42.63670412	0.03565073	20141212T000000
19	4139660040	3180	14000	17	1880.5243446	6940.701623	42.63670412	0.023692724	20141121T000000
20	4027701220	1610	14046	81	1880.5243446	6940.701623	42.63670412	0.019229936	20140828T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
16	875000	4	3	1	0	0	4	9	1930	1790	1960	0
17	455000	3	1.75	1	0	0	3	7	1180	0	1981	0
18	385000	3	1.75	1	0	0	3	6	780	780	1944	0
19	760000	5	3.5	2	0	0	5	10	3180	0	1997	0
20	259000	3	2	2	0	0	3	7	1610	0	1933	1988

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
16	98005	47.5911	-122.177	3160	15300	0	1	1
17	98045	47.4818	-121.733	1480	14400	0	0	0
18	98125	47.7183	-122.306	1320	8928	0	1	0
19	98006	47.5501	-122.128	3670	14450	1	0	1
20	98028	47.7704	-122.264	2410	9000	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
16	#REF!	#REF!	#REF!	#REF!
17	#REF!	#REF!	#REF!	#REF!
18	#REF!	#REF!	#REF!	#REF!
19	#REF!	#REF!	#REF!	#REF!
20	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
16	#REF!	#REF!	1839.48	7184.30	11.3633	3383670.69	51614143.17
17	#REF!	#REF!	-700.52	7351.30	-9.6367	490734.36	54041587.83
18	#REF!	#REF!	-320.52	7347.30	27.3633	102735.86	53982793.44
19	#REF!	#REF!	1299.48	7059.30	-25.6367	1688636.98	49833693.58
20	#REF!	#REF!	-270.52	7105.30	38.3633	73183.42	50485265.03

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
16	129.12	54997942.98	7416.06
17	92.87	54532415.05	7384.61
18	748.75	54086278.05	7354.34
19	657.24	51522987.80	7177.95
20	1471.74	50559920.19	7110.55

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
21	5152100160	2400	14012	44	1880.5243446	6940.701623	42.63670412	0.029877098	20150219T000000
22	7893203450	1400	13975	59	1880.5243446	6940.701623	42.63670412	0.032402222	20150323T000000
23	3793700210	1180	13927	52	1880.5243446	6940.701623	42.63670412	0.004429132	20140613T000000
24	7334600170	1390	13860	35	1880.5243446	6940.701623	42.63670412	0.041091041	20141013T000000
25	5450300020	3020	13783	62	1880.5243446	6940.701623	42.63670412	0.039157217	20140618T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
21	357000	3	1.75	1	0	0	3	9	2400	0	1971	0
22	280000	3	1	1	0	0	4	6	1400	0	1956	0
23	299000	3	1.75	1	0	0	5	7	1180	0	1962	0
24	345000	3	1.5	2	0	0	3	7	1390	0	1979	0
25	900000	6	3	2	0	0	3	8	3020	0	1952	2002

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
21	98003	47.3371	-122.325	2800	13988	0	0	1
22	98198	47.4195	-122.33	1260	7500	0	0	0
23	98059	47.4818	-122.094	1400	13173	0	0	0
24	98045	47.4704	-121.747	1390	11860	1	0	0
25	98040	47.5722	-122.226	1720	13500	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
21	#REF!	#REF!	#REF!	#REF!
22	#REF!	#REF!	#REF!	#REF!
23	#REF!	#REF!	#REF!	#REF!
24	#REF!	#REF!	#REF!	#REF!
25	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
21	#REF!	#REF!	519.48	7071.30	1.3633	269854.96	50003260.74
22	#REF!	#REF!	-480.52	7034.30	16.3633	230903.65	49481353.66
23	#REF!	#REF!	-700.52	6986.30	9.3633	490734.36	48808365.01
24	#REF!	#REF!	-490.52	6919.30	-7.6367	240614.13	47876690.03
25	#REF!	#REF!	1139.48	6842.30	19.3633	1298404.77	46817047.08

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
21	1.86	50273117.55	7090.35
22	267.76	49712525.06	7050.71
23	87.67	49299187.04	7021.34
24	58.32	48117362.48	6936.67
25	374.94	48115826.79	6936.56

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
26	8582010240	2110	13850	27	1880.5243446	6940.701623	42.63670412	0.017593066	20140506T000000
27	6205500580	2640	13775	36	1880.5243446	6940.701623	42.63670412	0.011500992	20141210T000000
28	123039364	970	13700	65	1880.5243446	6940.701623	42.63670412	0.041763877	20140521T000000
29	1449000270	3020	13530	37	1880.5243446	6940.701623	42.63670412	0.013133385	20140806T000000
30	5608010980	3480	13421	19	1880.5243446	6940.701623	42.63670412	0.014471163	20141007T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
26	606000	4	2.5	2	0	0	3	9	2110	0	1987	0
27	530000	3	2.5	1	0	0	3	8	1550	1090	1978	0
28	300000	2	1	1	0	0	3	6	970	0	1949	0
29	670000	4	2.75	1	0	0	4	8	1540	1480	1977	0
30	878000	4	2.5	2	0	0	3	11	3480	0	1995	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
26	98027	47.5497	-122.077	2520	10194	1	0	1
27	98005	47.5875	-122.177	2120	12432	0	1	1
28	98106	47.515	-122.362	1570	10880	0	0	0
29	98052	47.6299	-122.099	2230	11896	0	1	1
30	98027	47.5504	-122.097	3290	9642	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
26	#REF!	#REF!	#REF!	#REF!
27	#REF!	#REF!	#REF!	#REF!
28	#REF!	#REF!	#REF!	#REF!
29	#REF!	#REF!	#REF!	#REF!
30	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
26	#REF!	#REF!	229.48	6909.30	-15.6367	52659.08	47738404.06
27	#REF!	#REF!	759.48	6834.30	-6.6367	576803.27	46707634.31
28	#REF!	#REF!	-910.52	6759.30	22.3633	829054.58	45688114.55
29	#REF!	#REF!	1139.48	6589.30	-5.6367	1298404.77	43418853.10
30	#REF!	#REF!	1599.48	6480.30	-23.6367	2558322.37	41994267.06

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
26	244.51	47791307.65	6913.13
27	44.05	47284481.62	6876.37
28	500.12	46517669.25	6820.39
29	31.77	44717289.64	6687.10
30	558.69	44553148.12	6674.81

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
31	5469502860	2980	13482	40	1880.5243446	6940.701623	42.63670412	0.017186996	20150107T000000
32	2422049107	2250	13515	74	1880.5243446	6940.701623	42.63670412	0.002356538	20140508T000000
33	8832900135	3320	13138	51	1880.5243446	6940.701623	42.63670412	0.04185846	20150113T000000
34	9524100196	680	772	9	1880.5243446	6940.701623	42.63670412	0.006818283	20141117T000000
35	5469500640	3530	13000	30	1880.5243446	6940.701623	42.63670412	0.033280928	20150224T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
31	350000	5	2.75	1	0	0	4	8	1730	1250	1975	0
32	350000	4	1.75	1	0	0	4	8	2150	100	1940	0
33	769000	5	2.25	1	0	2	4	9	1900	1420	1964	0
34	239000	2	1.5	2	0	0	3	7	680	0	2005	0
35	583500	3	2.25	2.5	0	0	4	10	3530	0	1985	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
31	98042	47.3774	-122.16	2900	14800	0	1	1
32	98030	47.3789	-122.229	2150	12508	0	1	1
33	98028	47.759	-122.269	2820	13138	0	1	1
34	98103	47.695	-122.343	690	1059	1	0	0
35	98042	47.3823	-122.159	2960	13000	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
31	#REF!	#REF!	#REF!	#REF!
32	#REF!	#REF!	#REF!	#REF!
33	#REF!	#REF!	#REF!	#REF!
34	#REF!	#REF!	#REF!	#REF!
35	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
31	#REF!	#REF!	1099.48	6541.30	-2.6367	1208846.72	42788584.46
32	#REF!	#REF!	369.48	6574.30	31.3633	136512.26	43221399.15
33	#REF!	#REF!	1439.48	6197.30	8.3633	2072090.16	38406507.17
34	#REF!	#REF!	-1200.52	-6168.70	-33.6367	1441258.70	38052879.71
35	#REF!	#REF!	1649.48	6059.30	-12.6367	2720769.94	36715096.82

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
31	6.95	43997438.13	6633.06
32	983.66	43358895.07	6584.75
33	69.94	40478667.28	6362.28
34	1131.43	39495269.84	6284.53
35	159.69	39436026.45	6279.81

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
36	9407100720	1390	13200	35	1880.5243446	6940.701623	42.63670412	0.017524342	20141107T000000
37	6181700625	2990	12970	67	1880.5243446	6940.701623	42.63670412	0.040438382	20150220T000000
38	2212500430	2500	13034	52	1880.5243446	6940.701623	42.63670412	0.026855291	20140814T000000
39	925059137	3270	12880	0	1880.5243446	6940.701623	42.63670412	0.023652421	20140602T000000
40	2770601775	1230	922	5	1880.5243446	6940.701623	42.63670412	0.001664031	20141128T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
36	290000	3	1.75	2	0	0	3	7	1390	0	1979	0
37	590000	4	2	1.5	0	2	4	7	1960	1030	1948	0
38	323000	5	2.5	1	0	0	3	7	1300	1200	1962	0
39	939000	4	2.75	2	0	0	3	9	3270	0	2014	0
40	399950	3	2.5	2	0	0	3	8	1080	150	2009	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
36	98045	47.4429	-121.771	1430	10725	1	0	0
37	98028	47.7605	-122.258	2500	10680	1	1	0
38	98092	47.3343	-122.194	2440	13300	0	1	0
39	98033	47.6679	-122.172	2420	7505	1	0	1
40	98199	47.6518	-122.384	1230	1237	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
36	#REF!	#REF!	#REF!	#REF!
37	#REF!	#REF!	#REF!	#REF!
38	#REF!	#REF!	#REF!	#REF!
39	#REF!	#REF!	#REF!	#REF!
40	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
36	#REF!	#REF!	-490.52	6259.30	-7.6367	240614.13	39178816.17
37	#REF!	#REF!	1109.48	6029.30	24.3633	1230936.23	36352438.92
38	#REF!	#REF!	619.48	6093.30	9.3633	383750.09	37128285.11
39	#REF!	#REF!	1389.48	5939.30	-42.6367	1930642.60	35275265.21
40	#REF!	#REF!	-650.52	-6018.70	-37.6367	423181.92	36224769.23

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
36	58.32	39419488.62	6278.49
37	593.57	37583968.72	6130.58
38	87.67	37512122.87	6124.71
39	1817.89	37207725.70	6099.81
40	1416.52	36649367.67	6053.87

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
41	1355300009	1390	916	7	1880.5243446	6940.701623	42.63670412	0.023693291	20141120T000000
42	6003500743	1540	958	7	1880.5243446	6940.701623	42.63670412	0.036548764	20140519T000000
43	2902201126	1420	991	10	1880.5243446	6940.701623	42.63670412	0.025905773	20150401T000000
44	1972200227	1160	1031	6	1880.5243446	6940.701623	42.63670412	0.043321902	20141007T000000
45	5151600300	2500	12848	39	1880.5243446	6940.701623	42.63670412	0.029585006	20140812T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
41	625000	2	2.25	2	0	0	3	8	1165	225	2007	0
42	640000	2	2.25	3	0	0	3	9	1540	0	2007	0
43	615000	3	3	2	0	0	3	8	1040	380	2005	0
44	459000	3	1.5	3	0	0	3	8	1160	0	2008	0
45	390000	4	2.75	1	0	1	3	8	2120	380	1975	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
41	98122	47.6168	-122.314	1415	1488	1	1	1
42	98122	47.6179	-122.318	1410	958	1	0	1
43	98102	47.6408	-122.327	1500	1301	1	1	1
44	98103	47.6538	-122.357	1268	1688	1	0	1
45	98003	47.3364	-122.321	2370	12497	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
41	#REF!	#REF!	#REF!	#REF!
42	#REF!	#REF!	#REF!	#REF!
43	#REF!	#REF!	#REF!	#REF!
44	#REF!	#REF!	#REF!	#REF!
45	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
41	#REF!	#REF!	-490.52	-6024.70	-35.6367	240614.13	36297029.65
42	#REF!	#REF!	-340.52	-5982.70	-35.6367	115956.83	35792718.71
43	#REF!	#REF!	-460.52	-5949.70	-32.6367	212082.67	35398949.40
44	#REF!	#REF!	-720.52	-5909.70	-36.6367	519155.33	34924573.27
45	#REF!	#REF!	619.48	5907.30	-3.6367	383750.09	34896174.12

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
41	1269.97	36538913.75	6044.74
42	1269.97	35909945.51	5992.49
43	1065.15	35612097.23	5967.59
44	1342.25	35445070.85	5953.58
45	13.23	35279937.43	5939.69

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
46	3448001412	988	1080	8	1880.5243446	6940.701623	42.63670412	0.012856576	20150430T000000
47	832700240	1270	1067	5	1880.5243446	6940.701623	42.63670412	0.011378761	20141003T000000
48	6977000040	2190	12825	25	1880.5243446	6940.701623	42.63670412	0.01506743	20140823T000000
49	9126100813	1620	1062	0	1880.5243446	6940.701623	42.63670412	0.006197315	20140828T000000
50	955000453	1100	1114	6	1880.5243446	6940.701623	42.63670412	0.030497888	20150413T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
46	295000	2	1.5	3	0	0	3	7	988	0	2007	0
47	325000	3	1.5	3	0	0	3	8	1270	0	2009	0
48	625000	4	3	1	0	0	3	9	1520	670	1989	0
49	490000	3	2.25	3	0	0	3	8	1620	0	2014	0
50	574000	2	2.25	2	0	0	3	8	900	200	2009	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
46	98125	47.7123	-122.301	1128	1080	1	0	0
47	98133	47.7236	-122.353	1090	1118	1	0	1
48	98034	47.7107	-122.229	3050	4673	0	1	1
49	98122	47.6051	-122.304	1560	1728	1	0	1
50	98122	47.6199	-122.304	1230	1800	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
46	#REF!	#REF!	#REF!	#REF!
47	#REF!	#REF!	#REF!	#REF!
48	#REF!	#REF!	#REF!	#REF!
49	#REF!	#REF!	#REF!	#REF!
50	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
46	#REF!	#REF!	-892.52	-5860.70	-34.6367	796599.71	34347823.51
47	#REF!	#REF!	-610.52	-5873.70	-37.6367	372739.98	34500370.76
48	#REF!	#REF!	309.48	5884.30	-17.6367	95775.18	34624967.39
49	#REF!	#REF!	-260.52	-5878.70	-42.6367	67872.93	34559132.77
50	#REF!	#REF!	-780.52	-5826.70	-36.6367	609218.25	33950451.80

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
46	1199.70	35145622.92	5928.37
47	1416.52	34874527.25	5905.47
48	311.05	34721053.62	5892.46
49	1817.89	34628823.59	5884.63
50	1342.25	34561012.30	5878.86

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
51	8024200684	1400	1091	7	1880.5243446	6940.701623	42.63670412	0.041625553	20141125T000000
52	3362400431	1590	1102	4	1880.5243446	6940.701623	42.63670412	0.033208206	20140626T000000
53	952006728	1070	1155	9	1880.5243446	6940.701623	42.63670412	0.031511438	20140613T000000
54	6300500477	1509	1114	0	1880.5243446	6940.701623	42.63670412	0.009383867	20140826T000000
55	3423049165	1270	12733	60	1880.5243446	6940.701623	42.63670412	0.004893305	20150331T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
51	419500	3	1.5	3	0	0	3	8	1400	0	2007	0
52	518500	3	3.5	3	0	0	3	8	1590	0	2010	0
53	330000	3	2.5	2	0	0	3	7	720	350	2005	0
54	401500	3	2.5	3	0	0	3	8	1509	0	2014	0
55	240000	3	1	1	0	0	3	7	1270	0	1955	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
51	98115	47.6989	-122.317	1270	1413	1	0	1
52	98103	47.6824	-122.347	1620	3166	1	0	1
53	98102	47.5617	-122.385	1120	2594	1	1	0
54	98133	47.7048	-122.34	1509	2431	1	0	1
55	98188	47.445	-122.276	1660	11536	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
51	#REF!	#REF!	#REF!	#REF!
52	#REF!	#REF!	#REF!	#REF!
53	#REF!	#REF!	#REF!	#REF!
54	#REF!	#REF!	#REF!	#REF!
55	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
51	#REF!	#REF!	-480.52	-5849.70	-35.6367	230903.65	34219009.08
52	#REF!	#REF!	-290.52	-5838.70	-38.6367	84404.39	34090436.64
53	#REF!	#REF!	-810.52	-5785.70	-33.6367	656949.71	33474343.27
54	#REF!	#REF!	-371.52	-5826.70	-42.6367	138030.34	33950451.80
55	#REF!	#REF!	-610.52	5792.30	17.3633	372739.98	33550720.49

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
51	1269.97	34451182.70	5869.51
52	1492.79	34176333.83	5846.05
53	1131.43	34132424.41	5842.30
54	1817.89	34090300.03	5838.69
55	301.48	33923761.95	5824.41

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
56	3278612450	1800	1120	4	1880.5243446	6940.701623	42.63670412	0.007733297	20150407T000000
57	8929000250	1210	1161	1	1880.5243446	6940.701623	42.63670412	0.032298958	20150413T000000
58	6749700006	1090	1183	6	1880.5243446	6940.701623	42.63670412	0.001293191	20140715T000000
59	2768200212	1320	1157	0	1880.5243446	6940.701623	42.63670412	0.010121427	20140911T000000
60	9126101090	1760	1146	0	1880.5243446	6940.701623	42.63670412	0.027890533	20140531T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
56	391000	3	2.5	2	0	0	3	8	1800	0	2011	0
57	395000	2	1.75	2	0	0	3	8	1210	0	2014	0
58	306000	2	1.5	3	0	0	3	8	1090	0	2008	0
59	499950	2	2.5	2	0	0	3	8	990	330	2014	0
60	615000	3	2.25	3	0	0	3	9	1760	0	2014	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
56	98126	47.5436	-122.369	1800	2380	1	0	1
57	98029	47.5513	-121.998	1700	2285	1	0	1
58	98103	47.6974	-122.349	1110	1384	1	0	1
59	98107	47.6689	-122.363	1550	1519	1	1	1
60	98122	47.6073	-122.304	1346	3472	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
56	#REF!	#REF!	#REF!	#REF!
57	#REF!	#REF!	#REF!	#REF!
58	#REF!	#REF!	#REF!	#REF!
59	#REF!	#REF!	#REF!	#REF!
60	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
56	#REF!	#REF!	-80.52	-5820.70	-38.6367	6484.17	33880567.38
57	#REF!	#REF!	-670.52	-5779.70	-41.6367	449602.90	33404950.85
58	#REF!	#REF!	-790.52	-5757.70	-36.6367	624928.74	33151127.98
59	#REF!	#REF!	-560.52	-5783.70	-42.6367	314187.54	33451204.46
60	#REF!	#REF!	-120.52	-5794.70	-42.6367	14526.12	33578566.90

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
56	1492.79	33888544.35	5821.39
57	1733.62	33856287.36	5818.62
58	1342.25	33777398.97	5811.83
59	1817.89	33767209.89	5810.96
60	1817.89	33594910.91	5796.11

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
61	6056111067	1140	1201	0	1880.5243446	6940.701623	42.63670412	0.015893007	20140707T000000
62	5151600120	2660	12672	54	1880.5243446	6940.701623	42.63670412	0.005516507	20140618T000000
63	7899800730	1350	1189	8	1880.5243446	6940.701623	42.63670412	0.001378406	20150324T000000
64	644000185	1820	12686	62	1880.5243446	6940.701623	42.63670412	0.012125366	20140707T000000
65	4310701577	1410	1253	9	1880.5243446	6940.701623	42.63670412	0.040361423	20140509T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
61	230000	3	1.75	2	0	0	3	8	1140	0	2014	0
62	310000	4	2.5	1	0	0	4	8	1740	920	1960	0
63	270000	3	2.5	2	0	0	3	7	1080	270	2007	0
64	875000	3	1.5	1	0	0	4	7	1820	0	1952	0
65	382000	3	3.25	3	0	0	3	8	1410	0	2005	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
61	98108	47.5637	-122.295	1210	1552	1	0	1
62	98003	47.3334	-122.323	2280	12477	0	1	1
63	98106	47.5218	-122.358	1300	1182	1	1	0
64	98004	47.5886	-122.195	3020	11550	0	0	0
65	98103	47.6981	-122.34	1410	1253	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
61	#REF!	#REF!	#REF!	#REF!
62	#REF!	#REF!	#REF!	#REF!
63	#REF!	#REF!	#REF!	#REF!
64	#REF!	#REF!	#REF!	#REF!
65	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
61	#REF!	#REF!	-740.52	-5739.70	-42.6367	548376.30	32944174.72
62	#REF!	#REF!	779.48	5731.30	11.3633	607582.30	32847781.09
63	#REF!	#REF!	-530.52	-5751.70	-34.6367	281456.08	33082071.56
64	#REF!	#REF!	-60.52	5745.30	19.3633	3663.20	33008453.44
65	#REF!	#REF!	-470.52	-5687.70	-33.6367	221393.16	32349949.75

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
61	1817.89	33494368.91	5787.43
62	129.12	33455492.51	5784.07
63	1199.70	33364727.34	5776.22
64	374.94	33012491.57	5745.65
65	1131.43	32572474.34	5707.23

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
66	2767704603	1500	1249	10	1880.5243446	6940.701623	42.63670412	0.041015587	20140609T000000
67	808300180	3040	12522	15	1880.5243446	6940.701623	42.63670412	0.039177471	20150211T000000
68	1775800800	1500	12616	48	1880.5243446	6940.701623	42.63670412	0.021785162	20150224T000000
69	6306810110	2714	12558	0	1880.5243446	6940.701623	42.63670412	0.032639281	20141117T000000
70	9828702251	1640	1269	5	1880.5243446	6940.701623	42.63670412	0.018563422	20140623T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
66	489000	3	3.5	2	0	0	3	8	1240	260	2004	0
67	454000	4	2.5	2	0	0	3	7	3040	0	2000	0
68	396000	3	1	1	0	0	3	7	1500	0	1967	0
69	485230	4	2.5	2	0	0	3	9	2714	0	2014	0
70	579000	3	2.5	3	0	0	3	8	1640	0	2009	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
66	98107	47.6727	-122.373	1440	1850	1	1	1
67	98019	47.7247	-121.959	2490	9742	1	0	0
68	98072	47.7415	-122.101	1820	13950	0	0	0
69	98031	47.3522	-122.201	2873	8269	1	0	1
70	98112	47.6197	-122.3	1590	1231	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
66	#REF!	#REF!	#REF!	#REF!
67	#REF!	#REF!	#REF!	#REF!
68	#REF!	#REF!	#REF!	#REF!
69	#REF!	#REF!	#REF!	#REF!
70	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
66	#REF!	#REF!	-380.52	-5691.70	-32.6367	144798.78	32395467.36
67	#REF!	#REF!	1159.48	5581.30	-27.6367	1344383.80	31150891.57
68	#REF!	#REF!	-380.52	5675.30	5.3633	144798.78	32209011.67
69	#REF!	#REF!	833.48	5617.30	-42.6367	694681.67	31554041.06
70	#REF!	#REF!	-240.52	-5671.70	-37.6367	57851.96	32168199.30

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
66	1065.15	32541331.30	5704.50
67	763.79	32496039.16	5700.53
68	28.76	32353839.21	5688.04
69	1817.89	32250540.61	5678.96
70	1416.52	32227467.78	5676.92

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
71	2767603591	1320	1310	8	1880.5243446	6940.701623	42.63670412	0.039652463	20140804T000000
72	2767603612	1290	1334	7	1880.5243446	6940.701623	42.63670412	0.041217748	20140512T000000
73	1250200552	1610	1320	8	1880.5243446	6940.701623	42.63670412	0.036635264	20150312T000000
74	3179100482	1040	1377	12	1880.5243446	6940.701623	42.63670412	0.019463127	20150126T000000
75	2592210510	3120	12406	32	1880.5243446	6940.701623	42.63670412	0.014179028	20150217T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
71	475000	3	2.5	3	0	0	3	8	1320	0	2006	0
72	500000	2	2.25	3	0	0	3	8	1290	0	2007	0
73	399950	3	2.5	2	0	0	3	7	1280	330	2007	0
74	450000	2	2.25	2	0	0	3	8	1040	0	2003	0
75	850000	3	2.5	2	0	2	3	9	1940	1180	1983	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
71	98107	47.6719	-122.38	1350	1250	1	0	1
72	98107	47.6719	-122.382	1350	1334	1	0	1
73	98144	47.6	-122.298	1480	1602	1	1	0
74	98105	47.6692	-122.279	1264	1892	1	0	1
75	98006	47.5507	-122.141	3240	13141	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
71	#REF!	#REF!	#REF!	#REF!
72	#REF!	#REF!	#REF!	#REF!
73	#REF!	#REF!	#REF!	#REF!
74	#REF!	#REF!	#REF!	#REF!
75	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
71	#REF!	#REF!	-560.52	-5630.70	-34.6367	314187.54	31704800.77
72	#REF!	#REF!	-590.52	-5606.70	-35.6367	348719.00	31435103.09
73	#REF!	#REF!	-270.52	-5620.70	-34.6367	73183.42	31592286.73
74	#REF!	#REF!	-840.52	-5563.70	-30.6367	706481.17	30954775.75
75	#REF!	#REF!	1239.48	5465.30	-10.6367	1536299.90	29869486.35

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
71	1199.70	32020188.01	5658.64
72	1269.97	31785092.07	5637.83
73	1199.70	31666669.86	5627.31
74	938.61	31662195.53	5626.92
75	113.14	31405899.39	5604.10

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
76	993002127	1480	1384	7	1880.5243446	6940.701623	42.63670412	0.036531817	20150223T000000
77	7169200221	1450	1387	14	1880.5243446	6940.701623	42.63670412	0.03322949	20141023T000000
78	1430800100	1600	12500	77	1880.5243446	6940.701623	42.63670412	0.03587874	20150116T000000
79	8024200674	1270	1416	8	1880.5243446	6940.701623	42.63670412	0.018628208	20150223T000000
80	4027700466	1770	12458	57	1880.5243446	6940.701623	42.63670412	0.036243889	20141219T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
76	436000	3	2.25	3	0	0	3	8	1480	0	2008	0
77	497000	3	2.25	3	0	0	3	8	1450	0	2000	0
78	356000	4	2	1	0	0	5	7	1600	0	1938	0
79	461000	3	1.5	3	0	0	3	8	1270	0	2007	0
80	340500	3	1	1	0	0	3	7	1770	0	1957	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
76	98103	47.691	-122.342	1310	1329	1	0	1
77	98115	47.6765	-122.302	1450	1429	1	0	1
78	98166	47.4713	-122.355	1260	8306	0	0	0
79	98115	47.6988	-122.317	1270	1413	1	0	1
80	98155	47.7715	-122.27	2000	8225	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
76	#REF!	#REF!	#REF!	#REF!
77	#REF!	#REF!	#REF!	#REF!
78	#REF!	#REF!	#REF!	#REF!
79	#REF!	#REF!	#REF!	#REF!
80	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
76	#REF!	#REF!	-400.52	-5556.70	-35.6367	160419.75	30876932.93
77	#REF!	#REF!	-430.52	-5553.70	-28.6367	185351.21	30843601.72
78	#REF!	#REF!	-280.52	5559.30	34.3633	78693.91	30905798.44
79	#REF!	#REF!	-610.52	-5524.70	-34.6367	372739.98	30522328.02
80	#REF!	#REF!	-110.52	5517.30	14.3633	12215.63	30440581.38

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
76	1269.97	31038622.65	5571.23
77	820.06	31029772.99	5570.44
78	1180.84	30985673.19	5566.48
79	1199.70	30896267.70	5558.44
80	206.30	30453003.32	5518.42

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
81	3343901961	1430	12420	51	1880.5243446	6940.701623	42.63670412	0.03276511	20150331T000000
82	4358700186	1260	1488	5	1880.5243446	6940.701623	42.63670412	0.002466498	20141211T000000
83	3226049080	1030	12350	73	1880.5243446	6940.701623	42.63670412	0.042027011	20150224T000000
84	2768301476	1280	1517	6	1880.5243446	6940.701623	42.63670412	0.002491365	20141124T000000
85	8032700175	1510	1501	108	1880.5243446	6940.701623	42.63670412	0.01712714	20141027T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
81	255000	3	1	1	0	0	3	7	1430	0	1964	0
82	275000	3	2.25	3	0	0	3	7	1260	0	2009	0
83	397000	2	1	1.5	0	0	3	7	1030	0	1942	0
84	495000	3	2.25	2	0	0	3	8	1080	200	2008	0
85	420000	4	1	1.5	0	0	3	7	1510	0	1906	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
81	98056	47.5116	-122.191	1900	10350	0	0	0
82	98133	47.7071	-122.336	1190	1095	1	0	0
83	98115	47.6984	-122.324	1790	6900	1	0	0
84	98107	47.6651	-122.368	1280	1681	1	1	1
85	98103	47.6526	-122.342	1560	1602	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
81	#REF!	#REF!	#REF!	#REF!
82	#REF!	#REF!	#REF!	#REF!
83	#REF!	#REF!	#REF!	#REF!
84	#REF!	#REF!	#REF!	#REF!
85	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
81	#REF!	#REF!	-450.52	5479.30	8.3633	202972.19	30022710.70
82	#REF!	#REF!	-620.52	-5452.70	-37.6367	385050.46	29731954.99
83	#REF!	#REF!	-850.52	5409.30	30.3633	723391.66	29260508.93
84	#REF!	#REF!	-600.52	-5423.70	-36.6367	360629.49	29416539.30
85	#REF!	#REF!	-370.52	-5439.70	65.3633	137288.29	29590353.75

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
81	69.94	30225752.83	5497.80
82	1416.52	30118421.97	5488.03
83	921.93	29984822.52	5475.84
84	1342.25	29778511.03	5456.97
85	4272.36	29731914.40	5452.70

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
86	5466310060	1230	1561	32	1880.5243446	6940.701623	42.63670412	0.017036357	20150324T000000
87	7899800476	1250	1580	10	1880.5243446	6940.701623	42.63670412	0.019165784	20150427T000000
88	1025049254	1390	1569	8	1880.5243446	6940.701623	42.63670412	0.01371131	20141204T000000
89	4318200440	1470	1578	7	1880.5243446	6940.701623	42.63670412	0.028360318	20140522T000000
90	2459500210	1630	12295	29	1880.5243446	6940.701623	42.63670412	0.018530895	20140507T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
86	139500	2	1.5	2	0	0	3	7	1230	0	1983	0
87	267100	2	2.5	2	0	0	3	7	1030	220	2005	0
88	458000	3	4	2	0	0	3	9	1150	240	2006	0
89	432000	3	2.25	2	0	0	3	8	1090	380	2007	0
90	339950	3	2.25	2	0	0	4	7	1630	0	1985	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
86	98042	47.3768	-122.149	1660	2243	1	0	0
87	98106	47.5243	-122.36	1250	1361	1	1	0
88	98105	47.671	-122.269	1620	1855	1	1	1
89	98136	47.5388	-122.387	1470	1668	1	1	1
90	98058	47.4279	-122.161	1730	9948	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
86	#REF!	#REF!	#REF!	#REF!
87	#REF!	#REF!	#REF!	#REF!
88	#REF!	#REF!	#REF!	#REF!
89	#REF!	#REF!	#REF!	#REF!
90	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
86	#REF!	#REF!	-650.52	-5379.70	-10.6367	423181.92	28941189.55
87	#REF!	#REF!	-630.52	-5360.70	-32.6367	397560.95	28737121.89
88	#REF!	#REF!	-490.52	-5371.70	-34.6367	240614.13	28855178.33
89	#REF!	#REF!	-410.52	-5362.70	-35.6367	168530.24	28758568.70
90	#REF!	#REF!	-250.52	5354.30	-13.6367	62762.45	28668511.11

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
86	113.14	29364484.61	5418.90
87	1065.15	29135747.99	5397.75
88	1199.70	29096992.16	5394.16
89	1269.97	28928368.91	5378.51
90	185.96	28731459.52	5360.17

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
91	8165501640	1460	1607	7	1880.5243446	6940.701623	42.63670412	0.036771784	20140819T000000
92	3052700464	1380	1621	7	1880.5243446	6940.701623	42.63670412	0.009095539	20141024T000000
93	7504020960	3580	12000	36	1880.5243446	6940.701623	42.63670412	0.007950566	20150107T000000
94	2770601782	1510	1618	3	1880.5243446	6940.701623	42.63670412	0.024074175	20140801T000000
95	7658600081	1950	1610	5	1880.5243446	6940.701623	42.63670412	0.032524982	20140919T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
91	309950	2	2.25	2	0	0	3	8	1460	0	2007	0
92	475000	3	2.25	2	0	0	3	8	1140	240	2007	0
93	879900	4	2.75	1	0	0	3	10	1840	1740	1979	0
94	453000	3	2.5	2.5	0	0	3	8	1330	180	2011	0
95	555000	2	2.75	3	0	0	3	8	1950	0	2009	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
91	98106	47.5395	-122.369	1460	1826	1	0	1
92	98117	47.678	-122.375	1460	1403	1	1	1
93	98074	47.6319	-122.05	2910	12428	0	1	1
94	98199	47.6515	-122.384	1350	1397	1	1	1
95	98144	47.5925	-122.302	910	1745	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
91	#REF!	#REF!	#REF!	#REF!
92	#REF!	#REF!	#REF!	#REF!
93	#REF!	#REF!	#REF!	#REF!
94	#REF!	#REF!	#REF!	#REF!
95	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
91	#REF!	#REF!	-420.52	-5333.70	-35.6367	176840.72	28448373.00
92	#REF!	#REF!	-500.52	-5319.70	-35.6367	250524.62	28299225.36
93	#REF!	#REF!	1699.48	5059.30	-6.6367	2888217.50	25596500.07
94	#REF!	#REF!	-370.52	-5322.70	-39.6367	137288.29	28331152.57
95	#REF!	#REF!	69.48	-5330.70	-37.6367	4826.87	28416379.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
91	1269.97	28626483.70	5350.37
92	1269.97	28551019.95	5343.32
93	44.05	28484761.62	5337.11
94	1571.07	28470011.93	5335.73
95	1416.52	28422623.18	5331.29

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
96	3277800823	1490	1627	5	1880.5243446	6940.701623	42.63670412	0.030671395	20140820T000000
97	7625700012	1250	1655	8	1880.5243446	6940.701623	42.63670412	0.009805714	20141202T000000
98	2724069169	2180	12196	46	1880.5243446	6940.701623	42.63670412	0.036205625	20140724T000000
99	8670000060	2710	12138	46	1880.5243446	6940.701623	42.63670412	0.037680362	20140827T000000
100	2781280150	1100	1737	8	1880.5243446	6940.701623	42.63670412	0.023438206	20140801T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
96	327000	2	2	2	0	0	3	8	1190	300	2009	0
97	370000	3	2.75	2	0	0	3	7	830	420	2006	0
98	499900	4	3	2	0	0	4	7	2180	0	1968	0
99	535000	4	2.5	1	0	0	3	8	1700	1010	1968	0
100	190000	2	2.5	2	0	0	3	8	1100	0	2006	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
96	98126	47.5455	-122.375	1400	1498	1	1	1
97	98136	47.5554	-122.382	1520	3001	1	1	0
98	98027	47.5338	-122.033	1500	6534	1	0	0
99	98155	47.7657	-122.29	2390	10052	0	1	1
100	98055	47.4499	-122.189	1610	2563	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
96	#REF!	#REF!	#REF!	#REF!
97	#REF!	#REF!	#REF!	#REF!
98	#REF!	#REF!	#REF!	#REF!
99	#REF!	#REF!	#REF!	#REF!
100	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
96	#REF!	#REF!	-390.52	-5313.70	-37.6367	152509.26	28235424.94
97	#REF!	#REF!	-630.52	-5285.70	-34.6367	397560.95	27938641.65
98	#REF!	#REF!	299.48	5255.30	3.3633	89685.67	27618161.03
99	#REF!	#REF!	829.48	5197.30	3.3633	688029.86	27011910.42
100	#REF!	#REF!	-780.52	-5203.70	-34.6367	609218.25	27078510.58

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
96	1416.52	28389350.72	5328.17
97	1199.70	28337402.30	5323.29
98	11.31	27707858.01	5263.83
99	11.31	27699951.59	5263.07
100	1199.70	27688928.53	5262.03

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
101	9137101696	1660	1692	10	1880.5243446	6940.701623	42.63670412	0.038385642	20150504T000000
102	9528100963	1833	1706	16	1880.5243446	6940.701623	42.63670412	0.003053107	20140806T000000
103	7504000230	2760	12100	38	1880.5243446	6940.701623	42.63670412	0.039733722	20141205T000000
104	5694001061	1890	1710	15	1880.5243446	6940.701623	42.63670412	0.029352285	20140620T000000
105	6639900219	1630	1755	18	1880.5243446	6940.701623	42.63670412	0.030807332	20150511T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
101	605000	3	2.5	3	0	0	3	7	1610	50	2005	0
102	719000	3	3	3	0	0	3	9	1833	0	1998	0
103	675000	4	2.25	2	0	0	4	9	2760	0	1976	0
104	587206	3	3.5	2	0	0	3	8	1640	250	1999	0
105	419900	3	2.5	2	0	0	3	8	1320	310	1997	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
101	98115	47.6801	-122.322	1210	1230	1	1	0
102	98115	47.6827	-122.325	1466	1455	1	0	1
103	98074	47.6285	-122.058	2850	12410	1	0	1
104	98103	47.6592	-122.349	1680	1562	1	1	1
105	98033	47.691	-122.176	1920	14550	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
101	#REF!	#REF!	#REF!	#REF!
102	#REF!	#REF!	#REF!	#REF!
103	#REF!	#REF!	#REF!	#REF!
104	#REF!	#REF!	#REF!	#REF!
105	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
101	#REF!	#REF!	-220.52	-5248.70	-32.6367	48630.99	27548868.73
102	#REF!	#REF!	-47.52	-5234.70	-26.6367	2258.56	27402101.08
103	#REF!	#REF!	879.48	5159.30	-4.6367	773477.43	26618359.74
104	#REF!	#REF!	9.48	-5230.70	-27.6367	89.79	27360239.47
105	#REF!	#REF!	-250.52	-5185.70	-24.6367	62762.45	26891501.32

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
101	1065.15	27598564.87	5253.43
102	709.51	27405069.16	5234.99
103	21.50	27391858.67	5233.72
104	763.79	27361093.04	5230.78
105	606.97	26954870.74	5191.81

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
106	3336000052	1320	1780	9	1880.5243446	6940.701623	42.63670412	0.022539584	20141022T000000
107	342000036	1320	1800	20	1880.5243446	6940.701623	42.63670412	0.028916026	20140702T000000
108	3396820010	2220	12056	30	1880.5243446	6940.701623	42.63670412	0.013301615	20150223T000000
109	3746700120	3940	11632	0	1880.5243446	6940.701623	42.63670412	0.024253144	20141104T000000
110	8562791010	1830	1850	3	1880.5243446	6940.701623	42.63670412	0.02152025	20140707T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
106	221000	3	2.5	2	0	0	3	7	880	440	2005	0
107	540000	3	2.25	2	0	0	3	7	1320	0	1994	0
108	542000	3	2.25	2	0	0	3	8	2220	0	1985	0
109	857326	3	3.5	2	0	0	3	10	3940	0	2014	0
110	593000	3	2.75	2	0	0	3	10	1690	140	2011	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
106	98118	47.528	-122.269	3040	6000	1	1	0
107	98122	47.6081	-122.289	2010	4500	1	0	0
108	98052	47.7148	-122.101	2320	12025	1	0	1
109	98166	47.438	-122.344	2015	11632	1	0	1
110	98027	47.5307	-122.074	2310	2680	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
106	#REF!	#REF!	#REF!	#REF!
107	#REF!	#REF!	#REF!	#REF!
108	#REF!	#REF!	#REF!	#REF!
109	#REF!	#REF!	#REF!	#REF!
110	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
106	#REF!	#REF!	-560.52	-5160.70	-33.6367	314187.54	26632841.24
107	#REF!	#REF!	-560.52	-5140.70	-22.6367	314187.54	26426813.18
108	#REF!	#REF!	339.48	5115.30	-12.6367	115243.72	26166277.49
109	#REF!	#REF!	2059.48	4691.30	-42.6367	4241439.98	22008280.46
110	#REF!	#REF!	-50.52	-5090.70	-39.6367	2552.71	25915243.01

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
106	1131.43	26948160.21	5191.16
107	512.42	26741513.14	5171.22
108	159.69	26281680.89	5126.57
109	1817.89	26251538.33	5123.63
110	1571.07	25919366.79	5091.11

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
111	6662410070	2030	12000	38	1880.5243446	6940.701623	42.63670412	0.00859365	20150414T000000
112	7504001430	1740	12000	40	1880.5243446	6940.701623	42.63670412	0.041090444	20141023T000000
113	1775800860	1850	12000	38	1880.5243446	6940.701623	42.63670412	0.011260247	20150428T000000
114	7217400650	1280	1920	110	1880.5243446	6940.701623	42.63670412	0.001207337	20150424T000000
115	809002705	1370	1911	107	1880.5243446	6940.701623	42.63670412	0.015520672	20140710T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
111	420000	4	2.25	2	0	0	3	7	2030	0	1977	0
112	539000	3	1.5	2	0	0	3	9	1740	0	1974	0
113	469500	3	2.25	1	0	0	4	7	1300	550	1977	0
114	458500	3	1.5	1.5	0	0	3	7	1280	0	1905	1990
115	797000	3	2.5	2	0	0	3	9	1370	0	1907	2011

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
111	98011	47.7699	-122.168	2190	9900	1	0	0
112	98074	47.6276	-122.053	2580	12224	1	0	1
113	98072	47.7408	-122.101	1580	12616	0	1	0
114	98122	47.6117	-122.301	1280	3150	1	0	0
115	98109	47.6375	-122.354	1630	2090	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
111	#REF!	#REF!	#REF!	#REF!
112	#REF!	#REF!	#REF!	#REF!
113	#REF!	#REF!	#REF!	#REF!
114	#REF!	#REF!	#REF!	#REF!
115	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
111	#REF!	#REF!	149.48	5059.30	-4.6367	22342.97	25596500.07
112	#REF!	#REF!	-140.52	5059.30	-2.6367	19747.09	25596500.07
113	#REF!	#REF!	-30.52	5059.30	-4.6367	931.74	25596500.07
114	#REF!	#REF!	-600.52	-5020.70	67.3633	360629.49	25207444.79
115	#REF!	#REF!	-510.52	-5029.70	64.3633	260635.11	25297898.42

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
111	21.50	25618864.54	5061.51
112	6.95	25616254.11	5061.25
113	21.50	25597453.30	5059.39
114	4537.81	25572612.09	5056.94
115	4142.63	25562676.16	5055.95

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
116	646910620	1550	1905	9	1880.5243446	6940.701623	42.63670412	0.014279797	20140922T000000
117	6056100312	1600	1936	7	1880.5243446	6940.701623	42.63670412	0.041059375	20140624T000000
118	2473100280	2580	11900	48	1880.5243446	6940.701623	42.63670412	0.039790659	20150417T000000
119	1332700010	1610	1968	35	1880.5243446	6940.701623	42.63670412	0.041518206	20141216T000000
120	3126049501	1360	2030	6	1880.5243446	6940.701623	42.63670412	0.014321555	20140717T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
116	242500	3	1.75	2	0	0	3	7	1550	0	2005	0
117	395000	3	2.5	2	0	0	3	7	1600	0	2007	0
118	358000	4	2.75	1	0	0	4	7	1620	960	1967	0
119	305000	2	2.25	2	0	0	5	7	1610	0	1979	0
120	385000	3	1.5	3	0	0	3	8	1360	0	2008	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
116	98055	47.4331	-122.195	1550	1866	1	0	0
117	98108	47.5629	-122.297	1600	1936	1	0	0
118	98058	47.4475	-122.159	1570	9375	0	1	0
119	98056	47.5184	-122.196	1950	1968	1	0	0
120	98103	47.6961	-122.349	1360	1167	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
116	#REF!	#REF!	#REF!	#REF!
117	#REF!	#REF!	#REF!	#REF!
118	#REF!	#REF!	#REF!	#REF!
119	#REF!	#REF!	#REF!	#REF!
120	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
116	#REF!	#REF!	-330.52	-5035.70	-33.6367	109246.34	25358290.84
117	#REF!	#REF!	-280.52	-5004.70	-35.6367	78693.91	25047038.33
118	#REF!	#REF!	699.48	4959.30	5.3633	489266.19	24594640.39
119	#REF!	#REF!	-270.52	-4972.70	-7.6367	73183.42	24727761.43
120	#REF!	#REF!	-520.52	-4910.70	-36.6367	270945.59	24114990.43

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
116	1131.43	25468668.61	5046.65
117	1269.97	25127002.22	5012.68
118	28.76	25083935.35	5008.39
119	58.32	24801003.17	4980.06
120	1342.25	24387278.27	4938.35

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
121	1443550020	2640	11816	16	1880.5243446	6940.701623	42.63670412	0.018832856	20150506T000000
122	7298050110	3360	11637	25	1880.5243446	6940.701623	42.63670412	0.009366116	20150303T000000
123	3630090110	2980	2147	8	1880.5243446	6940.701623	42.63670412	0.029474997	20141018T000000
124	2205700470	3920	11412	60	1880.5243446	6940.701623	42.63670412	0.031634593	20150122T000000
125	3755000310	1160	11799	48	1880.5243446	6940.701623	42.63670412	0.019000292	20141217T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
121	570000	4	2.5	2	0	0	3	8	2640	0	1999	0
122	420000	4	2.5	2	0	0	3	11	3360	0	1990	0
123	690000	4	3.5	2.5	0	0	3	10	2490	490	2006	0
124	650500	5	4.25	2	0	0	3	7	3920	0	1955	2005
125	325000	3	1	1	0	0	3	7	1160	0	1966	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
121	98019	47.733	-121.968	2400	11816	1	0	1
122	98023	47.3018	-122.342	3530	11205	1	0	1
123	98029	47.5463	-121.995	2880	2428	1	1	1
124	98006	47.5766	-122.151	1400	9750	1	0	0
125	98034	47.7263	-122.229	1220	10500	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
121	#REF!	#REF!	#REF!	#REF!
122	#REF!	#REF!	#REF!	#REF!
123	#REF!	#REF!	#REF!	#REF!
124	#REF!	#REF!	#REF!	#REF!
125	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
121	#REF!	#REF!	759.48	4875.30	-26.6367	576803.27	23768534.27
122	#REF!	#REF!	1479.48	4696.30	-17.6367	2188848.22	22055218.45
123	#REF!	#REF!	1099.48	-4793.70	-34.6367	1208846.72	22979575.25
124	#REF!	#REF!	2039.48	4471.30	17.3633	4159460.95	19992509.18
125	#REF!	#REF!	-720.52	4858.30	5.3633	519155.33	23603063.12

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
121	709.51	24346047.05	4934.17
122	311.05	24244377.71	4923.86
123	1199.70	24189621.67	4918.29
124	301.48	24152271.61	4914.50
125	28.76	24122247.22	4911.44

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
126	3542300060	860	11725	72	1880.5243446	6940.701623	42.63670412	0.010482708	20150311T000000
127	1786200010	2580	11780	12	1880.5243446	6940.701623	42.63670412	0.013908711	20150514T000000
128	1771000690	1160	11776	46	1880.5243446	6940.701623	42.63670412	0.032832953	20140528T000000
129	7788000100	1790	11801	41	1880.5243446	6940.701623	42.63670412	0.02851312	20150206T000000
130	3975400190	1960	2166	88	1880.5243446	6940.701623	42.63670412	0.021194939	20141104T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
126	210000	3	1	1	0	0	4	6	860	0	1943	0
127	456500	4	2.5	2	0	0	3	9	2580	0	2003	0
128	305000	3	1	1	0	0	3	7	1160	0	1968	0
129	393000	4	1.75	1	0	0	4	8	1790	0	1974	0
130	509000	4	2	1.5	0	0	4	7	1260	700	1926	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
126	98056	47.5093	-122.184	1300	9514	0	0	0
127	98038	47.3658	-122.04	2410	8403	1	0	1
128	98077	47.7427	-122.074	1160	10050	0	0	0
129	98056	47.5172	-122.17	2000	12988	0	0	1
130	98103	47.6545	-122.344	1670	4000	1	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
126	#REF!	#REF!	#REF!	#REF!
127	#REF!	#REF!	#REF!	#REF!
128	#REF!	#REF!	#REF!	#REF!
129	#REF!	#REF!	#REF!	#REF!
130	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
126	#REF!	#REF!	-1020.52	4784.30	29.3633	1041469.94	22889510.96
127	#REF!	#REF!	699.48	4839.30	-30.6367	489266.19	23418808.78
128	#REF!	#REF!	-720.52	4835.30	3.3633	519155.33	23380110.39
129	#REF!	#REF!	-90.52	4860.30	-1.6367	8194.66	23622500.31
130	#REF!	#REF!	79.48	-4774.70	45.3633	6316.38	22797775.59

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
126	862.20	23931843.10	4892.02
127	938.61	23909013.58	4889.68
128	11.31	23899277.04	4888.69
129	2.68	23630697.65	4861.14
130	2057.83	22806149.80	4775.58

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
131	6130500120	1650	2201	8	1880.5243446	6940.701623	42.63670412	0.028642552	20150417T000000
132	2473002650	2400	11640	47	1880.5243446	6940.701623	42.63670412	0.044023317	20150512T000000
133	3644100065	1220	2268	106	1880.5243446	6940.701623	42.63670412	0.034443726	20150427T000000
134	8929000230	2010	2261	1	1880.5243446	6940.701623	42.63670412	0.008705056	20150306T000000
135	9828702095	790	2400	96	1880.5243446	6940.701623	42.63670412	0.02152505	20140925T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
131	428000	3	2.5	3	0	0	3	8	1650	0	2007	0
132	495000	4	2.5	1	0	0	5	8	1800	600	1968	0
133	257000	2	1.75	1	0	0	4	6	610	610	1909	0
134	550000	3	2.5	2	0	0	3	8	1390	620	2014	0
135	439000	1	1	1	0	0	3	7	790	0	1918	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
131	98133	47.7108	-122.333	1650	1965	1	0	1
132	98058	47.4485	-122.139	2440	10823	0	1	1
133	98144	47.592	-122.295	1240	1675	0	1	0
134	98029	47.5514	-121.998	1690	1899	1	1	1
135	98122	47.6178	-122.299	1580	2566	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
131	#REF!	#REF!	#REF!	#REF!
132	#REF!	#REF!	#REF!	#REF!
133	#REF!	#REF!	#REF!	#REF!
134	#REF!	#REF!	#REF!	#REF!
135	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
131	#REF!	#REF!	-230.52	-4739.70	-34.6367	53141.47	22464771.47
132	#REF!	#REF!	519.48	4699.30	4.3633	269854.96	22083405.24
133	#REF!	#REF!	-660.52	-4672.70	63.3633	436292.41	21834140.46
134	#REF!	#REF!	129.48	-4679.70	-41.6367	16763.95	21899607.28
135	#REF!	#REF!	-1090.52	-4540.70	53.3633	1189243.35	20617971.23

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
131	1199.70	22519112.65	4745.43
132	19.04	22353279.23	4727.93
133	4014.91	22274447.77	4719.58
134	1733.62	21918104.84	4681.68
135	2847.64	21810062.22	4670.12

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
136	1234000630	2530	11549	72	1880.5243446	6940.701623	42.63670412	0.000421907	20141002T000000
137	3885805300	1300	11520	57	1880.5243446	6940.701623	42.63670412	0.031262594	20150429T000000
138	7891600165	700	2500	107	1880.5243446	6940.701623	42.63670412	0.013249401	20140627T000000
139	7228500425	1530	2370	113	1880.5243446	6940.701623	42.63670412	0.000884556	20140728T000000
140	7856700920	2190	11500	42	1880.5243446	6940.701623	42.63670412	0.03660898	20140628T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
136	525000	4	2.75	1	0	0	3	7	1700	830	1942	0
137	595000	3	1	1	0	0	3	6	1300	0	1958	0
138	295000	1	1	1	0	0	4	7	700	0	1907	0
139	590000	3	1	2	0	0	3	8	1530	0	1901	0
140	699900	4	2.5	1	0	0	4	8	1430	760	1972	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
136	98033	47.6557	-122.197	2530	10000	0	1	0
137	98033	47.6829	-122.195	1440	8064	0	0	0
138	98106	47.5662	-122.364	1340	5000	0	0	0
139	98122	47.6108	-122.303	1310	2370	1	0	1
140	98006	47.5668	-122.147	2580	9700	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
136	#REF!	#REF!	#REF!	#REF!
137	#REF!	#REF!	#REF!	#REF!
138	#REF!	#REF!	#REF!	#REF!
139	#REF!	#REF!	#REF!	#REF!
140	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
136	#REF!	#REF!	649.48	4608.30	29.3633	421818.63	21236413.93
137	#REF!	#REF!	-580.52	4579.30	14.3633	337008.51	20969973.63
138	#REF!	#REF!	-1180.52	-4440.70	64.3633	1393637.73	19719830.90
139	#REF!	#REF!	-350.52	-4570.70	70.3633	122867.32	20891313.33
140	#REF!	#REF!	309.48	4559.30	-0.6367	95775.18	20787201.69

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
136	862.20	21659094.76	4653.93
137	206.30	21307188.44	4615.97
138	4142.63	21117611.27	4595.39
139	4950.99	21019131.64	4584.66
140	0.41	20882977.28	4569.79

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
141	6056100380	1970	2377	6	1880.5243446	6940.701623	42.63670412	0.022764153	20140520T000000
142	3278606110	1580	2407	2	1880.5243446	6940.701623	42.63670412	0.032925876	20150108T000000
143	7856610160	2710	11400	38	1880.5243446	6940.701623	42.63670412	0.001058375	20140812T000000
144	1422200090	1300	2446	53	1880.5243446	6940.701623	42.63670412	0.023044597	20140915T000000
145	9808590210	3560	11119	28	1880.5243446	6940.701623	42.63670412	0.013581441	20140513T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
141	415000	3	2.25	2	0	0	3	8	1680	290	2008	0
142	375000	3	2.5	2	0	0	3	8	1580	0	2013	0
143	925000	4	1.75	1	0	0	4	9	1430	1280	1976	0
144	676500	3	1.75	1	0	3	3	8	880	420	1961	0
145	860000	4	2.5	1	0	2	3	10	2290	1270	1986	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
141	98108	47.5631	-122.297	1690	1936	1	1	1
142	98126	47.5455	-122.368	1580	2212	1	0	1
143	98006	47.561	-122.153	2640	11000	0	1	1
144	98122	47.6071	-122.285	2440	5051	0	1	1
145	98004	47.6456	-122.19	3290	11385	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
141	#REF!	#REF!	#REF!	#REF!
142	#REF!	#REF!	#REF!	#REF!
143	#REF!	#REF!	#REF!	#REF!
144	#REF!	#REF!	#REF!	#REF!
145	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
141	#REF!	#REF!	89.48	-4563.70	-36.6367	8005.89	20827372.50
142	#REF!	#REF!	-300.52	-4533.70	-40.6367	90314.88	20554450.41
143	#REF!	#REF!	829.48	4459.30	-4.6367	688029.86	19885342.02
144	#REF!	#REF!	-580.52	-4494.70	10.3633	337008.51	20202342.68
145	#REF!	#REF!	1679.48	4178.30	-14.6367	2820638.48	17458177.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
141	1342.25	20836720.64	4564.73
142	1651.34	20646416.63	4543.83
143	21.50	20573393.38	4535.79
144	107.40	20539458.59	4532.05
145	214.23	20279030.04	4503.22

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
146	832700320	1490	2478	6	1880.5243446	6940.701623	42.63670412	0.001927301	20150209T000000
147	7211401975	1440	2500	8	1880.5243446	6940.701623	42.63670412	0.040073759	20140905T000000
148	9525600030	1780	2493	34	1880.5243446	6940.701623	42.63670412	0.014090747	20150428T000000
149	9324300030	2060	11385	52	1880.5243446	6940.701623	42.63670412	0.038729113	20140703T000000
150	7518501140	1260	2550	28	1880.5243446	6940.701623	42.63670412	0.041407231	20150113T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
146	348000	3	2.5	3	0	0	3	8	1490	0	2009	0
147	260000	3	2.5	2	0	0	3	7	1440	0	2006	0
148	631500	2	2.5	3	0	0	3	8	1780	0	1981	0
149	264500	4	2.25	1	0	0	4	7	1200	860	1962	0
150	300000	3	2	2	0	0	3	7	1260	0	1987	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
146	98133	47.7236	-122.353	1270	1156	1	0	1
147	98146	47.511	-122.359	1440	5000	1	0	0
148	98107	47.6704	-122.358	2050	4400	1	0	1
149	98023	47.314	-122.363	2110	11385	0	1	0
150	98117	47.6821	-122.378	1590	3825	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
146	#REF!	#REF!	#REF!	#REF!
147	#REF!	#REF!	#REF!	#REF!
148	#REF!	#REF!	#REF!	#REF!
149	#REF!	#REF!	#REF!	#REF!
150	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
146	#REF!	#REF!	-390.52	-4462.70	-36.6367	152509.26	19915705.78
147	#REF!	#REF!	-440.52	-4440.70	-34.6367	194061.70	19719830.90
148	#REF!	#REF!	-100.52	-4447.70	-8.6367	10105.14	19782049.73
149	#REF!	#REF!	179.48	4444.30	9.3633	32211.51	19751788.06
150	#REF!	#REF!	-620.52	-4390.70	-14.6367	385050.46	19278260.74

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
146	1342.25	20069557.29	4479.91
147	1199.70	19915092.30	4462.63
148	74.59	19792229.46	4448.85
149	87.67	19784087.25	4447.93
150	214.23	19663525.44	4434.36

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
151	9544700730	3950	10856	1	1880.5243446	6940.701623	42.63670412	0.044054609	20140515T000000
152	3629990020	1260	2556	9	1880.5243446	6940.701623	42.63670412	0.016630816	20141002T000000
153	9221400600	1300	2580	95	1880.5243446	6940.701623	42.63670412	0.002377882	20140523T000000
154	7304301005	1010	11244	67	1880.5243446	6940.701623	42.63670412	0.005836648	20140523T000000
155	2919701105	1320	2609	76	1880.5243446	6940.701623	42.63670412	0.033414327	20141209T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
151	914500	4	2.5	3	0	0	3	10	3950	0	2013	0
152	449500	3	2.25	2	0	0	3	7	1260	0	2005	0
153	462000	3	1.75	1	0	0	5	7	820	480	1919	0
154	350000	3	1	1	0	0	4	7	1010	0	1947	0
155	422000	2	1.75	1	0	0	4	7	920	400	1938	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
151	98075	47.5818	-121.996	3200	10856	1	0	1
152	98029	47.5482	-121.998	1630	2844	1	0	0
153	98115	47.674	-122.319	1180	2820	0	1	0
154	98155	47.7467	-122.321	1220	11242	0	0	0
155	98117	47.6878	-122.366	1200	4220	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
151	#REF!	#REF!	#REF!	#REF!
152	#REF!	#REF!	#REF!	#REF!
153	#REF!	#REF!	#REF!	#REF!
154	#REF!	#REF!	#REF!	#REF!
155	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
151	#REF!	#REF!	2069.48	3915.30	-41.6367	4282729.49	15329561.38
152	#REF!	#REF!	-620.52	-4384.70	-33.6367	385050.46	19225608.32
153	#REF!	#REF!	-580.52	-4360.70	52.3633	337008.51	19015718.64
154	#REF!	#REF!	-870.52	4303.30	24.3633	757812.63	18518376.92
155	#REF!	#REF!	-560.52	-4331.70	33.3633	314187.54	18763638.95

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
151	1733.62	19614024.48	4428.77
152	1131.43	19611790.21	4428.52
153	2741.91	19355469.07	4399.49
154	593.57	19276783.13	4390.53
155	1113.11	19078939.60	4367.94

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
156	272000620	900	2728	16	1880.5243446	6940.701623	42.63670412	0.026215164	20141202T000000
157	2581900036	2110	11250	53	1880.5243446	6940.701623	42.63670412	0.0083126	20140612T000000
158	644200090	2380	11200	51	1880.5243446	6940.701623	42.63670412	0.007578459	20140715T000000
159	7504101230	2810	11120	32	1880.5243446	6940.701623	42.63670412	0.034409358	20140623T000000
160	7588700177	520	2885	68	1880.5243446	6940.701623	42.63670412	0.006601782	20150420T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
156	290000	2	1	2	0	0	3	7	900	0	1998	0
157	743000	3	1.75	1	0	0	4	8	2110	0	1961	0
158	921000	3	2.25	1	0	0	4	8	2380	0	1963	0
159	675000	4	2.5	2	0	0	3	9	2810	0	1982	0
160	310000	1	0.75	1	0	0	4	6	520	0	1947	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
156	98144	47.5877	-122.298	900	2728	1	0	0
157	98040	47.5402	-122.216	2560	10992	0	0	1
158	98004	47.5873	-122.193	2010	11200	0	0	1
159	98074	47.6337	-122.044	3100	12672	1	0	1
160	98117	47.6886	-122.378	980	4241	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
156	#REF!	#REF!	#REF!	#REF!
157	#REF!	#REF!	#REF!	#REF!
158	#REF!	#REF!	#REF!	#REF!
159	#REF!	#REF!	#REF!	#REF!
160	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
156	#REF!	#REF!	-980.52	-4212.70	-26.6367	961427.99	17746854.96
157	#REF!	#REF!	229.48	4309.30	10.3633	52659.08	18570052.50
158	#REF!	#REF!	499.48	4259.30	8.3633	249475.93	18141622.66
159	#REF!	#REF!	929.48	4179.30	-10.6367	863924.99	17466534.92
160	#REF!	#REF!	-1360.52	-4055.70	25.3633	1851026.49	16448715.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
156	709.51	18708992.47	4325.39
157	107.40	18622818.98	4315.42
158	69.94	18391168.54	4288.49
159	113.14	18330573.06	4281.42
160	643.30	18300385.44	4277.89

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
161	4083305445	1340	2720	101	1880.5243446	6940.701623	42.63670412	0.044487556	20140815T000000
162	2887701940	2060	2700	85	1880.5243446	6940.701623	42.63670412	0.006433995	20141205T000000
163	567000268	1639	2710	11	1880.5243446	6940.701623	42.63670412	0.003633726	20140821T000000
164	7853340660	1650	2710	6	1880.5243446	6940.701623	42.63670412	0.00365457	20140806T000000
165	7454001075	670	10920	72	1880.5243446	6940.701623	42.63670412	0.005955312	20140618T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
161	650000	3	2	1.5	0	0	3	7	1340	0	1913	0
162	485000	2	1.75	1	0	0	3	7	1030	1030	1929	0
163	450000	3	2.5	2	0	0	3	8	1479	160	2003	0
164	382000	2	2.5	2	0	2	3	8	1650	0	2008	0
165	240000	2	1	1	0	0	3	6	670	0	1942	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
161	98103	47.6518	-122.335	2030	4590	1	0	0
162	98115	47.6856	-122.312	1390	2700	0	1	0
163	98144	47.5924	-122.294	1580	1733	1	1	1
164	98065	47.5173	-121.878	1760	2992	1	0	1
165	98146	47.5128	-122.372	900	7425	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
161	#REF!	#REF!	#REF!	#REF!
162	#REF!	#REF!	#REF!	#REF!
163	#REF!	#REF!	#REF!	#REF!
164	#REF!	#REF!	#REF!	#REF!
165	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
161	#REF!	#REF!	-540.52	-4220.70	58.3633	292166.57	17814322.19
162	#REF!	#REF!	179.48	-4240.70	42.3633	32211.51	17983550.26
163	#REF!	#REF!	-241.52	-4230.70	-31.6367	58334.01	17898836.22
164	#REF!	#REF!	-230.52	-4230.70	-36.6367	53141.47	17898836.22
165	#REF!	#REF!	-1210.52	3979.30	29.3633	1465369.19	15834815.57

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
161	3406.27	18109895.03	4255.57
162	1794.65	18017556.41	4244.71
163	1000.88	17958171.11	4237.71
164	1342.25	17953319.94	4237.14
165	862.20	17301046.97	4159.45

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
166	2561340020	1780	11096	35	1880.5243446	6940.701623	42.63670412	0.004112762	20140804T000000
167	9268851020	2340	2810	4	1880.5243446	6940.701623	42.63670412	0.026021068	20150410T000000
168	3579700080	1830	11090	52	1880.5243446	6940.701623	42.63670412	0.02907611	20140905T000000
169	301402120	1481	2820	2	1880.5243446	6940.701623	42.63670412	0.031212261	20140625T000000
170	3649100304	1740	11040	34	1880.5243446	6940.701623	42.63670412	0.016420606	20140819T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
166	325000	3	1.75	1	0	0	3	7	1210	570	1979	0
167	735000	4	3.5	2	0	2	3	8	1730	610	2011	0
168	383000	4	1.75	1	0	0	3	7	1060	770	1962	0
169	240000	3	2.25	2	0	0	3	7	1481	0	2012	0
170	400000	3	2.25	2	0	0	3	8	1740	0	1980	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
166	98074	47.617	-122.051	1780	10640	0	1	0
167	98027	47.5403	-122.028	2600	2843	1	1	1
168	98028	47.7333	-122.246	1990	10917	0	1	0
169	98002	47.3457	-122.217	1481	3028	1	0	0
170	98028	47.7376	-122.242	1720	11778	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
166	#REF!	#REF!	#REF!	#REF!
167	#REF!	#REF!	#REF!	#REF!
168	#REF!	#REF!	#REF!	#REF!
169	#REF!	#REF!	#REF!	#REF!
170	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
166	#REF!	#REF!	-100.52	4155.30	-7.6367	10105.14	17266504.60
167	#REF!	#REF!	459.48	-4130.70	-38.6367	211117.88	17062695.90
168	#REF!	#REF!	-50.52	4149.30	9.3633	2552.71	17216677.02
169	#REF!	#REF!	-399.52	-4120.70	-40.6367	159619.70	16980181.87
170	#REF!	#REF!	-140.52	4099.30	-8.6367	19747.09	16804247.18

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
166	58.32	17276668.07	4156.52
167	1492.79	17275306.57	4156.36
168	87.67	17219317.40	4149.62
169	1651.34	17141452.91	4140.22
170	74.59	16824068.87	4101.72

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
171	3530430100	1050	2926	40	1880.5243446	6940.701623	42.63670412	0.030986755	20140815T000000
172	3818700185	2150	11026	62	1880.5243446	6940.701623	42.63670412	0.024804858	20140925T000000
173	2771101251	790	3000	62	1880.5243446	6940.701623	42.63670412	0.005210132	20150326T000000
174	7202350060	1690	2890	10	1880.5243446	6940.701623	42.63670412	0.042611998	20140908T000000
175	2597530070	2940	10809	23	1880.5243446	6940.701623	42.63670412	0.04405677	20150318T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
171	187000	2	1.75	1	0	0	4	8	1050	0	1974	0
172	400000	4	1.5	1	0	0	4	7	2150	0	1952	0
173	395000	1	1	1	0	0	3	6	790	0	1953	0
174	475000	3	2.5	2	0	0	3	7	1690	0	2004	0
175	850000	3	2.5	2	0	0	3	10	2940	0	1992	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
171	98198	47.3811	-122.317	1150	3802	0	0	1
172	98028	47.7635	-122.263	1760	10283	0	0	0
173	98199	47.6544	-122.386	1110	4100	0	0	0
174	98053	47.6802	-122.031	1690	2730	1	0	0
175	98006	47.5418	-122.136	3090	10348	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
171	#REF!	#REF!	#REF!	#REF!
172	#REF!	#REF!	#REF!	#REF!
173	#REF!	#REF!	#REF!	#REF!
174	#REF!	#REF!	#REF!	#REF!
175	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
171	#REF!	#REF!	-830.52	-4014.70	-2.6367	689770.69	16117829.12
172	#REF!	#REF!	269.48	4085.30	19.3633	72617.13	16689662.83
173	#REF!	#REF!	-1090.52	-3940.70	19.3633	1189243.35	15529129.28
174	#REF!	#REF!	-190.52	-4050.70	-32.6367	36299.53	16408183.64
175	#REF!	#REF!	1059.48	3868.30	-19.6367	1122488.66	14963732.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
171	6.95	16807606.76	4099.71
172	374.94	16762654.90	4094.22
173	374.94	16718747.56	4088.86
174	1065.15	16445548.32	4055.31
175	385.60	16086606.60	4010.81

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
176	8965000050	1570	10939	40	1880.5243446	6940.701623	42.63670412	0.004707937	20140729T000000
177	1623800300	1220	3000	88	1880.5243446	6940.701623	42.63670412	0.014131375	20140610T000000
178	5556300102	3940	10360	22	1880.5243446	6940.701623	42.63670412	0.014214093	20140714T000000
179	9834201145	2880	3091	1	1880.5243446	6940.701623	42.63670412	0.005622815	20150222T000000
180	255550150	2090	3002	9	1880.5243446	6940.701623	42.63670412	0.009006609	20141118T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
176	515000	3	1.75	1	0	0	3	8	1200	370	1974	0
177	499000	2	1	1	0	0	3	7	920	300	1926	0
178	933399	3	2.5	2	0	0	3	9	3110	830	1992	0
179	635000	4	2.5	2	0	0	3	9	1940	940	2014	0
180	352000	3	2.5	2	0	0	3	7	1670	420	2005	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
176	98052	47.6389	-122.102	1760	10200	0	1	1
177	98117	47.6823	-122.365	1270	3000	0	1	0
178	98052	47.6468	-122.116	2720	11941	1	1	1
179	98144	47.5711	-122.286	1560	4080	1	1	1
180	98019	47.745	-121.984	2090	3163	1	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
176	#REF!	#REF!	#REF!	#REF!
177	#REF!	#REF!	#REF!	#REF!
178	#REF!	#REF!	#REF!	#REF!
179	#REF!	#REF!	#REF!	#REF!
180	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
176	#REF!	#REF!	-310.52	3998.30	-2.6367	96425.37	15986389.91
177	#REF!	#REF!	-660.52	-3940.70	45.3633	436292.41	15529129.28
178	#REF!	#REF!	2059.48	3419.30	-20.6367	4241439.98	11691601.39
179	#REF!	#REF!	999.48	-3849.70	-41.6367	998951.59	14820202.59
180	#REF!	#REF!	209.48	-3938.70	-33.6367	43880.05	15513370.47

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
176	6.95	16082822.23	4010.34
177	2057.83	15967479.52	3995.93
178	425.87	15933467.24	3991.67
179	1733.62	15820887.79	3977.55
180	1131.43	15558381.95	3944.41

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
181	9818700215	2000	3000	84	1880.5243446	6940.701623	42.63670412	0.004679298	20150330T000000
182	3352402250	700	3180	63	1880.5243446	6940.701623	42.63670412	0.007330613	20141021T000000
183	7950302995	1950	3000	16	1880.5243446	6940.701623	42.63670412	0.03663753	20141110T000000
184	8563000130	1490	10844	40	1880.5243446	6940.701623	42.63670412	0.02060868	20140717T000000
185	7202330170	1650	3031	11	1880.5243446	6940.701623	42.63670412	0.01689649	20140717T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
181	464000	5	2	1.5	0	0	3	6	1200	800	1931	0
182	119900	2	1	1	0	0	3	6	480	220	1951	0
183	497950	4	2.5	2	0	0	3	7	1550	400	1998	0
184	445000	3	1.75	1	0	0	3	7	1210	280	1974	0
185	438000	3	2.5	2	0	0	3	7	1650	0	2003	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
181	98122	47.6028	-122.298	1330	4000	1	1	0
182	98178	47.4976	-122.262	1760	6360	0	1	0
183	98118	47.565	-122.281	1540	4300	1	1	0
184	98008	47.6208	-122.106	2090	9944	0	1	0
185	98053	47.682	-122.034	1560	3070	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
181	#REF!	#REF!	#REF!	#REF!
182	#REF!	#REF!	#REF!	#REF!
183	#REF!	#REF!	#REF!	#REF!
184	#REF!	#REF!	#REF!	#REF!
185	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
181	#REF!	#REF!	119.48	-3940.70	41.3633	14274.43	15529129.28
182	#REF!	#REF!	-1180.52	-3760.70	20.3633	1393637.73	14142876.70
183	#REF!	#REF!	69.48	-3940.70	-26.6367	4826.87	15529129.28
184	#REF!	#REF!	-390.52	3903.30	-2.6367	152509.26	15235738.22
185	#REF!	#REF!	-230.52	-3909.70	-31.6367	53141.47	15285766.78

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
181	1710.92	15545114.64	3942.73
182	414.66	15536929.09	3941.69
183	709.51	15534665.66	3941.40
184	6.95	15388254.44	3922.79
185	1000.88	15339909.14	3916.62

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
186	255550070	1930	3031	8	1880.5243446	6940.701623	42.63670412	0.014943717	20140626T000000
187	3330500085	1210	3090	88	1880.5243446	6940.701623	42.63670412	0.006329342	20140918T000000
188	9323610260	2120	10841	35	1880.5243446	6940.701623	42.63670412	0.028816948	20140825T000000
189	1425059174	1510	10827	30	1880.5243446	6940.701623	42.63670412	0.036470534	20141028T000000
190	9414500230	1760	10835	38	1880.5243446	6940.701623	42.63670412	0.042056681	20141022T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
186	330675	4	3	1	0	0	3	7	1200	730	2006	0
187	366000	2	1	1	0	0	3	6	860	350	1926	0
188	828000	4	2.5	1	0	0	4	8	1500	620	1979	0
189	390000	3	2	2	0	0	3	7	1510	0	1984	0
190	440000	3	2.25	1	0	0	4	8	1290	470	1976	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
186	98019	47.7457	-121.985	1930	2611	0	1	0
187	98118	47.5532	-122.277	1210	3348	0	1	0
188	98006	47.556	-122.156	3130	10950	0	1	1
189	98052	47.654	-122.127	1900	10908	1	0	0
190	98027	47.522	-122.048	2050	10488	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
186	#REF!	#REF!	#REF!	#REF!
187	#REF!	#REF!	#REF!	#REF!
188	#REF!	#REF!	#REF!	#REF!
189	#REF!	#REF!	#REF!	#REF!
190	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
186	#REF!	#REF!	49.48	-3909.70	-34.6367	2447.84	15285766.78
187	#REF!	#REF!	-670.52	-3850.70	45.3633	449602.90	14827902.99
188	#REF!	#REF!	239.48	3900.30	-7.6367	57348.59	15212327.43
189	#REF!	#REF!	-370.52	3886.30	-12.6367	137288.29	15103315.08
190	#REF!	#REF!	-120.52	3894.30	-4.6367	14526.12	15165559.85

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
186	1199.70	15289414.32	3910.17
187	2057.83	15279563.71	3908.91
188	58.32	15269734.34	3907.65
189	159.69	15240763.05	3903.94
190	21.50	15180107.47	3896.17

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
191	1395500020	1400	10800	52	1880.5243446	6940.701623	42.63670412	0.016795024	20141107T000000
192	7961500010	2210	10794	47	1880.5243446	6940.701623	42.63670412	0.040526805	20140806T000000
193	5021900160	1980	10800	66	1880.5243446	6940.701623	42.63670412	0.012252006	20140618T000000
194	1088810040	2830	10677	22	1880.5243446	6940.701623	42.63670412	0.033175614	20150320T000000
195	9353300600	1360	10726	48	1880.5243446	6940.701623	42.63670412	0.014721124	20140624T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
191	279900	3	1	1	0	0	3	6	1400	0	1962	0
192	245000	3	2.25	1	0	0	3	7	1540	670	1967	0
193	711000	4	1.75	1	0	0	5	6	990	990	1948	0
194	627250	4	2.5	2	0	0	3	9	2830	0	1993	0
195	348500	3	1.5	1	0	0	4	7	1360	0	1966	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
191	98034	47.719	-122.202	1430	10000	0	0	0
192	98178	47.4911	-122.224	2230	10753	0	1	0
193	98040	47.5768	-122.222	2180	10800	0	1	0
194	98011	47.742	-122.208	2970	9619	1	0	1
195	98059	47.4948	-122.134	1650	10726	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
191	#REF!	#REF!	#REF!	#REF!
192	#REF!	#REF!	#REF!	#REF!
193	#REF!	#REF!	#REF!	#REF!
194	#REF!	#REF!	#REF!	#REF!
195	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
191	#REF!	#REF!	-480.52	3859.30	9.3633	230903.65	14894183.96
192	#REF!	#REF!	329.48	3853.30	4.3633	108554.21	14847908.38
193	#REF!	#REF!	99.48	3859.30	23.3633	9895.41	14894183.96
194	#REF!	#REF!	949.48	3736.30	-20.6367	901504.02	13959925.56
195	#REF!	#REF!	-520.52	3785.30	5.3633	270945.59	14328483.80

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
191	87.67	15125175.28	3889.11
192	19.04	14956481.63	3867.36
193	545.84	14904625.21	3860.65
194	425.87	14861855.46	3855.11
195	28.76	14599458.16	3820.92

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
196	4232901525	1110	3200	89	1880.5243446	6940.701623	42.63670412	0.03616735	20140627T000000
197	2493200215	1820	3140	65	1880.5243446	6940.701623	42.63670412	0.0000462	20141231T000000
198	1036450290	1860	3150	14	1880.5243446	6940.701623	42.63670412	0.027291289	20150202T000000
199	9353300090	1630	10723	55	1880.5243446	6940.701623	42.63670412	0.037073619	20140731T000000
200	3126049154	2400	3192	23	1880.5243446	6940.701623	42.63670412	0.030379708	20140925T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
196	665000	2	1	1	0	0	3	7	1110	0	1925	0
197	582000	3	1.75	2	0	0	5	8	1820	0	1949	1990
198	495000	3	2.5	2	0	0	3	8	1860	0	2001	0
199	360000	3	2	1	0	0	5	7	1630	0	1959	0
200	570000	3	3	2	0	0	3	7	2400	0	1991	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
196	98119	47.6338	-122.358	1170	3600	0	0	0
197	98136	47.5271	-122.384	2030	5499	1	0	1
198	98034	47.719	-122.182	2050	3375	1	0	1
199	98059	47.4898	-122.133	1450	10723	0	0	0
200	98103	47.6963	-122.348	1360	3192	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
196	#REF!	#REF!	#REF!	#REF!
197	#REF!	#REF!	#REF!	#REF!
198	#REF!	#REF!	#REF!	#REF!
199	#REF!	#REF!	#REF!	#REF!
200	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
196	#REF!	#REF!	-770.52	-3740.70	46.3633	593707.77	13992848.63
197	#REF!	#REF!	-60.52	-3800.70	22.3633	3663.20	14445332.83
198	#REF!	#REF!	-20.52	-3790.70	-28.6367	421.25	14369418.79
199	#REF!	#REF!	-250.52	3782.30	12.3633	62762.45	14305781.01
200	#REF!	#REF!	519.48	-3748.70	-19.6367	269854.96	14052763.86

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
196	2149.56	14588705.95	3819.52
197	500.12	14449496.14	3801.25
198	820.06	14370660.10	3790.87
199	152.85	14368696.31	3790.61
200	385.60	14323004.41	3784.57

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
201	6840700036	770	3325	96	1880.5243446	6940.701623	42.63670412	0.040724151	20140728T000000
202	4037500110	1840	10720	56	1880.5243446	6940.701623	42.63670412	0.024363683	20140506T000000
203	7116500125	1700	3171	87	1880.5243446	6940.701623	42.63670412	0.021716116	20140528T000000
204	7789900030	1890	10707	52	1880.5243446	6940.701623	42.63670412	0.022074548	20140725T000000
205	3758900037	2580	10631	23	1880.5243446	6940.701623	42.63670412	0.010311963	20150505T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
201	497000	2	1	1	0	0	3	7	770	0	1918	0
202	404000	4	1.75	1	0	0	3	7	960	880	1958	0
203	189000	2	2	1	0	0	5	5	850	850	1927	0
204	319990	4	1.5	1	0	0	3	7	1890	0	1962	0
205	865000	4	2.5	2	0	2	4	9	2580	0	1992	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
201	98122	47.6102	-122.299	960	4800	0	0	0
202	98008	47.6074	-122.125	1840	9044	0	1	0
203	98002	47.3025	-122.224	1380	5906	0	1	0
204	98148	47.428	-122.326	1610	8827	0	0	0
205	98033	47.6993	-122.206	4220	10631	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
201	#REF!	#REF!	#REF!	#REF!
202	#REF!	#REF!	#REF!	#REF!
203	#REF!	#REF!	#REF!	#REF!
204	#REF!	#REF!	#REF!	#REF!
205	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
201	#REF!	#REF!	-1110.52	-3615.70	53.3633	1233264.32	13073298.23
202	#REF!	#REF!	-40.52	3779.30	13.3633	1642.22	14283096.22
203	#REF!	#REF!	-180.52	-3769.70	44.3633	32589.04	14210650.33
204	#REF!	#REF!	9.48	3766.30	9.3633	89.79	14185003.46
205	#REF!	#REF!	699.48	3690.30	-19.6367	489266.19	13618302.11

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
201	2847.64	14309410.19	3782.78
202	178.58	14284917.02	3779.54
203	1968.10	14245207.47	3774.28
204	87.67	14185180.92	3766.32
205	385.60	14107953.90	3756.06

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
206	9542830210	1660	3200	4	1880.5243446	6940.701623	42.63670412	0.013666859	20150211T000000
207	9187200245	1100	3300	95	1880.5243446	6940.701623	42.63670412	0.03574937	20141231T000000
208	1180000625	1950	3225	12	1880.5243446	6940.701623	42.63670412	0.020025143	20141029T000000
209	9346910500	2060	10650	39	1880.5243446	6940.701623	42.63670412	0.025544058	20150330T000000
210	9477001410	1520	10630	48	1880.5243446	6940.701623	42.63670412	0.023639938	20150225T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
206	300000	4	2.25	2	0	0	3	7	1660	0	2011	0
207	441000	4	1.5	1	0	0	1	7	1100	0	1919	0
208	315000	4	2.5	2	0	0	3	7	1950	0	2002	0
209	700000	3	2.5	1	0	0	5	8	1050	1010	1976	0
210	425500	4	1.75	1	0	0	4	7	1520	0	1967	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
206	98038	47.3666	-122.019	1960	3558	1	0	0
207	98122	47.6033	-122.295	2020	4000	0	0	0
208	98178	47.5014	-122.226	1980	3225	1	0	0
209	98006	47.5627	-122.137	2690	8850	0	1	1
210	98034	47.7347	-122.193	1550	8039	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
206	#REF!	#REF!	#REF!	#REF!
207	#REF!	#REF!	#REF!	#REF!
208	#REF!	#REF!	#REF!	#REF!
209	#REF!	#REF!	#REF!	#REF!
210	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
206	#REF!	#REF!	-220.52	-3740.70	-38.6367	48630.99	13992848.63
207	#REF!	#REF!	-780.52	-3640.70	52.3633	609218.25	13254708.31
208	#REF!	#REF!	69.48	-3715.70	-30.6367	4826.87	13806438.55
209	#REF!	#REF!	179.48	3709.30	-3.6367	32211.51	13758894.45
210	#REF!	#REF!	-360.52	3689.30	5.3633	129977.80	13610922.51

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
206	1492.79	14042972.41	3747.40
207	2741.91	13866668.47	3723.80
208	938.61	13812204.03	3716.48
209	13.23	13791119.19	3713.64
210	28.76	13740929.08	3706.88

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
211	301400320	1489	3266	0	1880.5243446	6940.701623	42.63670412	0.006923263	20140725T000000
212	11520640	3010	10450	18	1880.5243446	6940.701623	42.63670412	0.043977049	20140801T000000
213	3862710050	1800	3265	0	1880.5243446	6940.701623	42.63670412	0.038057503	20141113T000000
214	7511800070	1820	10608	52	1880.5243446	6940.701623	42.63670412	0.040274272	20140821T000000
215	5016001535	1920	3300	102	1880.5243446	6940.701623	42.63670412	0.012719765	20150217T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
211	255900	3	2.5	2	0	0	3	7	1489	0	2014	0
212	810000	4	2.75	2	0	0	3	9	3010	0	1996	0
213	437718	3	2.5	2	0	0	3	8	1800	0	2014	0
214	264000	3	1.5	1	0	0	4	7	1820	0	1962	0
215	725000	3	1.75	1	0	0	4	8	960	960	1913	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
211	98002	47.3452	-122.217	1537	3273	1	0	0
212	98052	47.6979	-122.112	3010	10530	1	0	1
213	98065	47.5338	-121.841	1800	3663	1	0	1
214	98003	47.3366	-122.306	1380	8976	0	0	0
215	98112	47.6239	-122.298	1740	4000	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
211	#REF!	#REF!	#REF!	#REF!
212	#REF!	#REF!	#REF!	#REF!
213	#REF!	#REF!	#REF!	#REF!
214	#REF!	#REF!	#REF!	#REF!
215	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
211	#REF!	#REF!	-391.52	-3674.70	-42.6367	153291.31	13503432.02
212	#REF!	#REF!	1129.48	3509.30	-24.6367	1275715.26	12315175.10
213	#REF!	#REF!	-80.52	-3675.70	-42.6367	6484.17	13510782.42
214	#REF!	#REF!	-60.52	3667.30	9.3633	3663.20	13449077.39
215	#REF!	#REF!	39.48	-3640.70	59.3633	1558.33	13254708.31

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
211	1817.89	13658541.22	3695.75
212	606.97	13591497.32	3686.66
213	1817.89	13519084.48	3676.83
214	87.67	13452828.25	3667.81
215	3524.00	13259790.64	3641.40

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
216	937000280	1280	10521	55	1880.5243446	6940.701623	42.63670412	0.010942554	20150220T000000
217	3889100029	2670	10481	11	1880.5243446	6940.701623	42.63670412	0.009280152	20140617T000000
218	2877101821	1220	3400	87	1880.5243446	6940.701623	42.63670412	0.00355042	20140805T000000
219	621069113	1090	10454	51	1880.5243446	6940.701623	42.63670412	0.019310949	20141218T000000
220	2597530760	3500	10155	18	1880.5243446	6940.701623	42.63670412	0.01734874	20140623T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
216	199000	4	1	1.5	0	0	3	7	1280	0	1960	0
217	810000	3	2.5	2	0	0	3	9	2670	0	2003	0
218	500000	3	1	1	0	0	3	7	1060	160	1927	0
219	200000	3	1.5	1	0	0	3	6	1090	0	1963	0
220	905000	5	3.5	2	0	0	3	10	2570	930	1996	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
216	98198	47.4215	-122.289	1540	9384	1	0	0
217	98033	47.6673	-122.176	2620	8895	1	0	1
218	98117	47.6775	-122.363	1350	3750	0	1	0
219	98042	47.3425	-122.082	1230	12196	0	0	0
220	98006	47.5415	-122.133	2940	10753	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
216	#REF!	#REF!	#REF!	#REF!
217	#REF!	#REF!	#REF!	#REF!
218	#REF!	#REF!	#REF!	#REF!
219	#REF!	#REF!	#REF!	#REF!
220	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
216	#REF!	#REF!	-600.52	3580.30	12.3633	360629.49	12818536.47
217	#REF!	#REF!	789.48	3540.30	-31.6367	623271.81	12533712.60
218	#REF!	#REF!	-660.52	-3540.70	44.3633	436292.41	12536567.98
219	#REF!	#REF!	-790.52	3513.30	8.3633	624928.74	12343265.49
220	#REF!	#REF!	1619.48	3214.30	-24.6367	2622701.40	10331714.06

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
216	152.85	13179318.81	3630.33
217	1000.88	13157985.29	3627.39
218	1968.10	12974828.49	3602.06
219	69.94	12968264.17	3601.15
220	606.97	12955022.42	3599.31

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
221	2475900565	1390	10500	75	1880.5243446	6940.701623	42.63670412	0.009918564	20150309T000000
222	1604601155	780	3540	94	1880.5243446	6940.701623	42.63670412	0.028846695	20141208T000000
223	1231001110	920	3532	104	1880.5243446	6940.701623	42.63670412	0.020414903	20140722T000000
224	3867400180	1000	3513	101	1880.5243446	6940.701623	42.63670412	0.034257514	20150327T000000
225	7200001005	1510	10450	51	1880.5243446	6940.701623	42.63670412	0.023667845	20150501T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
221	392500	3	1	1.5	0	0	3	6	1390	0	1940	0
222	180000	3	1	1	0	0	2	6	780	0	1920	0
223	380000	3	1	1	0	0	3	6	920	0	1910	0
224	715000	2	1	1	0	4	4	5	1000	0	1914	0
225	593777	3	1.75	1	0	0	4	7	1510	0	1964	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
221	98024	47.567	-121.893	1350	9800	1	0	0
222	98118	47.565	-122.291	1260	3540	0	0	0
223	98118	47.5539	-122.268	1250	4000	0	0	0
224	98116	47.5935	-122.39	1930	4920	0	0	0
225	98052	47.684	-122.113	1310	9450	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
221	#REF!	#REF!	#REF!	#REF!
222	#REF!	#REF!	#REF!	#REF!
223	#REF!	#REF!	#REF!	#REF!
224	#REF!	#REF!	#REF!	#REF!
225	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
221	#REF!	#REF!	-490.52	3559.30	32.3633	240614.13	12668604.94
222	#REF!	#REF!	-1100.52	-3400.70	51.3633	1211153.83	11564771.53
223	#REF!	#REF!	-960.52	-3408.70	61.3633	922607.02	11619246.75
224	#REF!	#REF!	-880.52	-3427.70	58.3633	775323.12	11749138.42
225	#REF!	#REF!	-370.52	3509.30	8.3633	137288.29	12315175.10

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
221	1047.38	12910266.45	3593.09
222	2638.19	12778563.55	3574.71
223	3765.45	12545619.23	3541.98
224	3406.27	12527867.81	3539.47
225	69.94	12452533.33	3528.81

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
226	8663310050	2440	10423	59	1880.5243446	6940.701623	42.63670412	0.034370166	20141006T000000
227	4022900569	1900	10454	36	1880.5243446	6940.701623	42.63670412	0.011943149	20141017T000000
228	3797002585	1240	3500	87	1880.5243446	6940.701623	42.63670412	0.025206239	20140709T000000
229	7856620210	2810	10300	36	1880.5243446	6940.701623	42.63670412	0.037614947	20140808T000000
230	1771100330	1510	10384	38	1880.5243446	6940.701623	42.63670412	0.000511531	20140605T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
226	510000	4	2.5	1	0	0	3	7	2440	0	1955	1993
227	405000	3	1.75	1	0	0	3	7	1390	510	1978	0
228	660000	3	1	1	0	0	4	7	1240	0	1927	0
229	812500	4	2.75	1	0	0	4	9	1810	1000	1978	0
230	250000	3	2.5	1	0	0	2	7	1030	480	1976	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
226	98034	47.725	-122.172	1990	7758	0	0	0
227	98155	47.7748	-122.291	2000	12000	0	1	0
228	98103	47.6835	-122.347	1650	3360	0	0	0
229	98006	47.5626	-122.149	2710	9900	0	1	1
230	98077	47.758	-122.071	1490	10000	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
226	#REF!	#REF!	#REF!	#REF!
227	#REF!	#REF!	#REF!	#REF!
228	#REF!	#REF!	#REF!	#REF!
229	#REF!	#REF!	#REF!	#REF!
230	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
226	#REF!	#REF!	559.48	3482.30	16.3633	313013.01	12126401.99
227	#REF!	#REF!	19.48	3513.30	-6.6367	379.30	12343265.49
228	#REF!	#REF!	-640.52	-3440.70	44.3633	410271.44	11838427.66
229	#REF!	#REF!	929.48	3359.30	-6.6367	863924.99	11284885.59
230	#REF!	#REF!	-370.52	3443.30	-4.6367	137288.29	11856303.71

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
226	267.76	12439682.75	3526.99
227	44.05	12343688.83	3513.36
228	1968.10	12250667.20	3500.10
229	44.05	12148854.63	3485.52
230	21.50	11993613.50	3463.18

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
231	2115510470	1960	10400	29	1880.5243446	6940.701623	42.63670412	0.004702473	20141223T000000
232	1529200480	2130	3500	20	1880.5243446	6940.701623	42.63670412	0.006176202	20140518T000000
233	1250200285	1130	3600	107	1880.5243446	6940.701623	42.63670412	0.020187295	20150317T000000
234	1860600840	2560	3600	20	1880.5243446	6940.701623	42.63670412	0.042590094	20140815T000000
235	1250200600	1240	3600	113	1880.5243446	6940.701623	42.63670412	0.030826685	20150408T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
231	285000	4	2.25	1	0	0	4	8	1220	740	1985	0
232	534640	3	2.5	1	0	0	4	8	1210	920	1994	0
233	261500	3	1	1	0	0	3	6	1130	0	1908	0
234	925000	3	3	2	0	0	3	10	2110	450	1994	0
235	390000	3	1	1.5	0	0	3	7	1240	0	1902	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
231	98023	47.3199	-122.392	1650	8660	0	1	1
232	98072	47.736	-122.159	2030	3710	0	1	1
233	98144	47.5978	-122.299	1710	2231	0	0	0
234	98119	47.633	-122.37	2160	3600	1	1	1
235	98144	47.5986	-122.298	1680	3600	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
231	#REF!	#REF!	#REF!	#REF!
232	#REF!	#REF!	#REF!	#REF!
233	#REF!	#REF!	#REF!	#REF!
234	#REF!	#REF!	#REF!	#REF!
235	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
231	#REF!	#REF!	79.48	3459.30	-13.6367	6316.38	11966745.26
232	#REF!	#REF!	249.48	-3440.70	-22.6367	62238.10	11838427.66
233	#REF!	#REF!	-750.52	-3340.70	64.3633	563286.79	11160287.33
234	#REF!	#REF!	679.48	-3340.70	-22.6367	461687.17	11160287.33
235	#REF!	#REF!	-640.52	-3340.70	70.3633	410271.44	11160287.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
231	185.96	11973247.60	3460.24
232	512.42	11901178.18	3449.81
233	4142.63	11727716.76	3424.58
234	512.42	11622486.92	3409.18
235	4950.99	11575509.76	3402.28

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
236	2473480560	2470	10290	30	1880.5243446	6940.701623	42.63670412	0.040090646	20140904T000000
237	7614100020	1340	10290	33	1880.5243446	6940.701623	42.63670412	0.004508982	20141017T000000
238	2652500210	1390	3600	101	1880.5243446	6940.701623	42.63670412	0.033597126	20140825T000000
239	9331800580	1000	3700	86	1880.5243446	6940.701623	42.63670412	0.014603313	20150310T000000
240	8946750140	1552	3600	3	1880.5243446	6940.701623	42.63670412	0.005805327	20150430T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
236	350000	3	2.25	2	0	0	3	8	2230	240	1984	0
237	265000	3	2.5	1	0	0	4	7	1140	200	1981	0
238	608000	2	1	1	0	0	4	7	1010	380	1913	0
239	257000	2	1	1	0	0	3	6	800	200	1929	0
240	282000	3	2.25	2	0	0	3	7	1552	0	2012	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
236	98058	47.4459	-122.124	1970	10150	1	1	1
237	98042	47.3553	-122.149	1760	7903	0	1	0
238	98119	47.6422	-122.36	1590	3600	0	1	0
239	98118	47.552	-122.29	1270	5000	0	1	0
240	98092	47.3198	-122.178	1677	3600	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
236	#REF!	#REF!	#REF!	#REF!
237	#REF!	#REF!	#REF!	#REF!
238	#REF!	#REF!	#REF!	#REF!
239	#REF!	#REF!	#REF!	#REF!
240	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
236	#REF!	#REF!	589.48	3349.30	-12.6367	347481.55	11217799.62
237	#REF!	#REF!	-540.52	3349.30	-9.6367	292166.57	11217799.62
238	#REF!	#REF!	-490.52	-3340.70	58.3633	240614.13	11160287.33
239	#REF!	#REF!	-880.52	-3240.70	43.3633	775323.12	10502147.01
240	#REF!	#REF!	-328.52	-3340.70	-39.6367	107928.24	11160287.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
236	159.69	11565440.85	3400.80
237	92.87	11510059.05	3392.65
238	3406.27	11404307.74	3377.03
239	1880.38	11279350.51	3358.47
240	1571.07	11269786.65	3357.05

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
241	6600490250	2060	3608	11	1880.5243446	6940.701623	42.63670412	0.014317711	20150421T000000
242	4123810090	2140	10256	27	1880.5243446	6940.701623	42.63670412	0.025518164	20140909T000000
243	3904921100	2700	10160	27	1880.5243446	6940.701623	42.63670412	0.011970575	20150512T000000
244	6072400470	2070	10244	45	1880.5243446	6940.701623	42.63670412	0.015228567	20141113T000000
245	5469503280	3100	10000	36	1880.5243446	6940.701623	42.63670412	0.004426531	20140721T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
241	269000	4	2.5	2	0	0	3	7	2060	0	2004	0
242	393000	3	2.25	2	0	0	3	8	2140	0	1987	0
243	674725	4	2.5	2	0	0	3	9	2700	0	1988	0
244	518000	4	2.5	1	0	0	3	8	1370	700	1969	0
245	449950	4	2.5	2	0	0	3	9	3100	0	1978	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
241	98198	47.362	-122.309	2060	3608	1	0	0
242	98038	47.3751	-122.044	2040	11717	1	0	1
243	98029	47.5685	-122.012	2760	9219	1	0	1
244	98006	47.5592	-122.178	2070	9683	0	1	1
245	98042	47.3741	-122.15	1850	9438	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
241	#REF!	#REF!	#REF!	#REF!
242	#REF!	#REF!	#REF!	#REF!
243	#REF!	#REF!	#REF!	#REF!
244	#REF!	#REF!	#REF!	#REF!
245	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
241	#REF!	#REF!	179.48	-3332.70	-31.6367	32211.51	11106900.11
242	#REF!	#REF!	259.48	3315.30	-15.6367	67327.62	10991203.33
243	#REF!	#REF!	819.48	3219.30	-15.6367	671540.35	10363882.04
244	#REF!	#REF!	189.48	3303.30	2.3633	35901.02	10911780.17
245	#REF!	#REF!	1219.48	3059.30	-6.6367	1487120.87	9359306.56

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
241	1000.88	11140112.50	3337.68
242	244.51	11058775.45	3325.47
243	244.51	11035666.90	3322.00
244	5.59	10947686.78	3308.73
245	44.05	10846471.48	3293.40

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
246	3204300090	1210	3720	84	1880.5243446	6940.701623	42.63670412	0.002394059	20141110T000000
247	5252000170	1910	10230	50	1880.5243446	6940.701623	42.63670412	0.011297974	20141126T000000
248	11300120	3350	4007	9	1880.5243446	6940.701623	42.63670412	0.007680848	20140630T000000
249	427000065	4340	9108	36	1880.5243446	6940.701623	42.63670412	0.003782794	20150126T000000
250	6865200981	1140	3750	89	1880.5243446	6940.701623	42.63670412	0.031993024	20141221T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
246	640000	3	1	2	0	0	4	8	1210	0	1930	0
247	250000	3	1.75	1	0	0	4	7	1290	620	1964	0
248	635000	3	2.5	2	0	0	3	8	2550	800	2005	0
249	537500	5	2.5	1	0	0	5	8	2170	2170	1979	0
250	517000	2	1	1	0	0	4	7	1140	0	1925	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
246	98112	47.6317	-122.301	1560	6000	1	0	1
247	98031	47.4185	-122.207	1590	10800	0	1	0
248	98034	47.7277	-122.207	2340	4167	1	1	1
249	98118	47.5384	-122.276	2030	6812	0	1	1
250	98103	47.6619	-122.343	1660	4000	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
246	#REF!	#REF!	#REF!	#REF!
247	#REF!	#REF!	#REF!	#REF!
248	#REF!	#REF!	#REF!	#REF!
249	#REF!	#REF!	#REF!	#REF!
250	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
246	#REF!	#REF!	-670.52	-3220.70	41.3633	449602.90	10372918.94
247	#REF!	#REF!	29.48	3289.30	7.3633	868.81	10819483.81
248	#REF!	#REF!	1469.48	-2933.70	-33.6367	2159358.70	8606605.21
249	#REF!	#REF!	2459.48	2167.30	-6.6367	6049020.50	4697182.26
250	#REF!	#REF!	-740.52	-3190.70	46.3633	548376.30	10180576.85

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
246	1710.92	10824232.76	3290.02
247	54.22	10820406.85	3289.44
248	1131.43	10767095.34	3281.33
249	44.05	10746246.80	3278.15
250	2149.56	10731102.71	3275.84

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
251	1232001480	840	3840	88	1880.5243446	6940.701623	42.63670412	0.033218983	20140710T000000
252	8562790720	2630	3757	7	1880.5243446	6940.701623	42.63670412	0.044163277	20150514T000000
253	1109000040	1300	3731	21	1880.5243446	6940.701623	42.63670412	0.008626492	20140528T000000
254	1463400047	1910	10200	51	1880.5243446	6940.701623	42.63670412	0.010127049	20140822T000000
255	5631500400	770	10000	82	1880.5243446	6940.701623	42.63670412	0.005754229	20150225T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
251	445000	2	1	1	0	0	4	7	840	0	1926	0
252	749950	4	3.5	2	0	0	3	10	2200	430	2008	0
253	315000	3	2	1	0	0	3	7	900	400	1993	0
254	335000	4	2	1	0	0	4	7	1910	0	1963	0
255	180000	2	1	1	0	0	3	6	770	0	1933	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
251	98117	47.684	-122.378	1310	3840	0	0	0
252	98027	47.5322	-122.075	2620	2699	1	1	1
253	98118	47.5374	-122.27	1300	3731	0	1	0
254	98059	47.4804	-122.133	1820	15600	0	0	0
255	98028	47.7379	-122.233	2720	8062	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
251	#REF!	#REF!	#REF!	#REF!
252	#REF!	#REF!	#REF!	#REF!
253	#REF!	#REF!	#REF!	#REF!
254	#REF!	#REF!	#REF!	#REF!
255	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
251	#REF!	#REF!	-1040.52	-3100.70	45.3633	1082690.91	9614350.55
252	#REF!	#REF!	749.48	-3183.70	-35.6367	561713.76	10135956.02
253	#REF!	#REF!	-580.52	-3209.70	-21.6367	337008.51	10302184.51
254	#REF!	#REF!	29.48	3259.30	8.3633	868.81	10623025.91
255	#REF!	#REF!	-1110.52	3059.30	39.3633	1233264.32	9359306.56

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
251	2057.83	10699099.29	3270.95
252	1269.97	10698939.76	3270.92
253	468.15	10639661.17	3261.85
254	69.94	10623964.67	3259.44
255	1549.47	10594120.35	3254.86

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
256	253600160	1860	3690	14	1880.5243446	6940.701623	42.63670412	0.009367916	20140530T000000
257	3384300100	1190	10116	46	1880.5243446	6940.701623	42.63670412	0.006254139	20141226T000000
258	7237450550	2240	3712	0	1880.5243446	6940.701623	42.63670412	0.015557899	20140603T000000
259	9517200610	1290	10117	31	1880.5243446	6940.701623	42.63670412	0.006825232	20150303T000000
260	2652501215	1880	3720	90	1880.5243446	6940.701623	42.63670412	0.040190459	20140702T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
256	384950	3	2.5	2	0	0	3	7	1860	0	2000	0
257	160134	3	1.5	1	0	0	3	7	1190	0	1968	0
258	363990	4	2.5	2	0	0	3	8	2240	0	2014	0
259	370000	3	1.75	1	0	0	3	7	1290	0	1984	0
260	860000	4	1.75	1.5	0	0	4	7	1880	0	1924	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
256	98028	47.776	-122.239	1870	4394	1	0	0
257	98042	47.385	-122.085	1190	9905	0	0	0
258	98038	47.3551	-122.061	2530	4315	1	0	1
259	98072	47.7598	-122.146	1770	11839	0	0	0
260	98109	47.6431	-122.356	2090	4095	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
256	#REF!	#REF!	#REF!	#REF!
257	#REF!	#REF!	#REF!	#REF!
258	#REF!	#REF!	#REF!	#REF!
259	#REF!	#REF!	#REF!	#REF!
260	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
256	#REF!	#REF!	-20.52	-3250.70	-28.6367	421.25	10567061.04
257	#REF!	#REF!	-690.52	3175.30	3.3633	476823.87	10082519.78
258	#REF!	#REF!	359.48	-3228.70	-42.6367	129222.75	10424514.17
259	#REF!	#REF!	-590.52	3176.30	-11.6367	348719.00	10088871.38
260	#REF!	#REF!	-0.52	-3220.70	47.3633	0.27	10372918.94

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
256	820.06	10568302.35	3250.89
257	11.31	10559354.97	3249.52
258	1817.89	10555554.81	3248.93
259	135.41	10437725.79	3230.75
260	2243.28	10375162.50	3221.05

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
261	375000230	1660	3729	92	1880.5243446	6940.701623	42.63670412	0.006511974	20140626T000000
262	4139440360	2900	9972	21	1880.5243446	6940.701623	42.63670412	0.04439678	20140918T000000
263	2473510260	3390	9760	36	1880.5243446	6940.701623	42.63670412	0.031961924	20140623T000000
264	7956200220	1060	10023	52	1880.5243446	6940.701623	42.63670412	0.035831337	20140811T000000
265	3862710200	1790	3754	1	1880.5243446	6940.701623	42.63670412	0.011945266	20140925T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
261	638000	3	2	1	0	0	5	7	970	690	1922	0
262	850000	4	2.5	2	0	0	3	9	2900	0	1993	0
263	460000	5	2.5	1	0	0	5	8	1750	1640	1978	0
264	169500	3	1	1	0	0	3	6	1060	0	1962	0
265	414000	3	2.5	2	0	0	3	8	1790	0	2013	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
261	98116	47.5741	-122.414	1560	3729	0	1	0
262	98006	47.5536	-122.121	2901	8567	1	0	1
263	98058	47.4462	-122.137	2360	9600	0	1	1
264	98023	47.2869	-122.36	1060	10023	0	0	0
265	98065	47.534	-121.841	1800	3393	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
261	#REF!	#REF!	#REF!	#REF!
262	#REF!	#REF!	#REF!	#REF!
263	#REF!	#REF!	#REF!	#REF!
264	#REF!	#REF!	#REF!	#REF!
265	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
261	#REF!	#REF!	-220.52	-3211.70	49.3633	48630.99	10315027.31
262	#REF!	#REF!	1019.48	3031.30	-21.6367	1039330.61	9188769.85
263	#REF!	#REF!	1509.48	2819.30	-6.6367	2278516.75	7948443.34
264	#REF!	#REF!	-820.52	3082.30	9.3633	673260.20	9500563.29
265	#REF!	#REF!	-90.52	-3186.70	-41.6367	8194.66	10155067.23

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
261	2436.73	10366095.04	3219.64
262	468.15	10228568.61	3198.21
263	44.05	10227004.14	3197.97
264	87.67	10173911.16	3189.66
265	1733.62	10164995.51	3188.26

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
266	1518000230	1580	3770	12	1880.5243446	6940.701623	42.63670412	0.006047392	20141231T000000
267	191101015	1840	10125	55	1880.5243446	6940.701623	42.63670412	0.026770788	20141211T000000
268	3905100380	1860	3766	20	1880.5243446	6940.701623	42.63670412	0.013347457	20150421T000000
269	1974200060	2400	10070	48	1880.5243446	6940.701623	42.63670412	0.029560338	20150424T000000
270	8944290200	1650	3788	29	1880.5243446	6940.701623	42.63670412	0.035371941	20140918T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
266	315000	4	2.75	1	0	0	3	7	1080	500	2002	0
267	830000	3	1.5	1	0	0	4	8	1220	620	1959	0
268	535000	4	2.25	2	0	0	3	8	1860	0	1995	0
269	525000	4	2.5	1	0	0	3	7	1510	890	1967	0
270	233703	3	2.25	2	0	0	3	7	1650	0	1985	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
266	98019	47.7368	-121.968	1740	3800	0	1	0
267	98040	47.5607	-122.217	2320	10160	0	1	1
268	98029	47.5699	-122.006	1860	4169	1	0	1
269	98034	47.7104	-122.24	2030	9964	0	1	0
270	98031	47.3908	-122.167	1510	3994	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
266	#REF!	#REF!	#REF!	#REF!
267	#REF!	#REF!	#REF!	#REF!
268	#REF!	#REF!	#REF!	#REF!
269	#REF!	#REF!	#REF!	#REF!
270	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
266	#REF!	#REF!	-300.52	-3170.70	-30.6367	90314.88	10053348.78
267	#REF!	#REF!	-40.52	3184.30	12.3633	1642.22	10139756.15
268	#REF!	#REF!	-20.52	-3174.70	-22.6367	421.25	10078730.39
269	#REF!	#REF!	519.48	3129.30	5.3633	269854.96	9792508.33
270	#REF!	#REF!	-230.52	-3152.70	-13.6367	53141.47	9939527.52

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
266	938.61	10144602.27	3185.06
267	152.85	10141551.23	3184.58
268	512.42	10079664.06	3174.85
269	28.76	10062392.05	3172.13
270	185.96	9992854.96	3161.15

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
271	2600010390	2430	10050	35	1880.5243446	6940.701623	42.63670412	0.032860605	20141015T000000
272	9459200120	1170	3868	90	1880.5243446	6940.701623	42.63670412	0.019348576	20150304T000000
273	2026049097	1400	10052	57	1880.5243446	6940.701623	42.63670412	0.027678716	20141125T000000
274	2734100395	760	4000	105	1880.5243446	6940.701623	42.63670412	0.038542608	20150513T000000
275	9558021000	2070	3808	12	1880.5243446	6940.701623	42.63670412	0.032308738	20150120T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
271	825000	4	2.25	2	0	0	4	8	2430	0	1979	0
272	400000	3	2	1.5	0	0	4	7	1170	0	1925	0
273	431750	2	2	1	0	0	3	8	1400	0	1957	0
274	380000	2	1	1.5	0	0	3	6	760	0	1910	0
275	348000	4	2.5	2	0	0	3	8	2070	0	2003	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
271	98006	47.5563	-122.163	2390	10250	1	0	1
272	98118	47.5543	-122.29	1400	3800	1	0	0
273	98125	47.7262	-122.316	1400	8785	0	0	1
274	98108	47.5462	-122.32	1130	4000	1	0	0
275	98058	47.4498	-122.12	1900	2992	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
271	#REF!	#REF!	#REF!	#REF!
272	#REF!	#REF!	#REF!	#REF!
273	#REF!	#REF!	#REF!	#REF!
274	#REF!	#REF!	#REF!	#REF!
275	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
271	#REF!	#REF!	549.48	3109.30	-7.6367	301923.50	9667736.40
272	#REF!	#REF!	-710.52	-3072.70	47.3633	504844.84	9441495.26
273	#REF!	#REF!	-480.52	3111.30	14.3633	230903.65	9680177.59
274	#REF!	#REF!	-1120.52	-2940.70	62.3633	1255574.81	8647726.04
275	#REF!	#REF!	189.48	-3132.70	-30.6367	35901.02	9813819.46

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
271	58.32	9969718.21	3157.49
272	2243.28	9948583.39	3154.14
273	206.30	9911287.54	3148.22
274	3889.18	9907190.02	3147.57
275	938.61	9850659.09	3138.58

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
276	3876300310	2060	10070	39	1880.5243446	6940.701623	42.63670412	0.027297713	20141022T000000
277	4324500490	1060	9954	54	1880.5243446	6940.701623	42.63670412	0.006773263	20141223T000000
278	1698900075	2890	4000	84	1880.5243446	6940.701623	42.63670412	0.028380862	20150415T000000
279	6145602355	1640	3844	87	1880.5243446	6940.701623	42.63670412	0.029755276	20150225T000000
280	1123059116	2790	9910	12	1880.5243446	6940.701623	42.63670412	0.039673889	20150319T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
276	439000	4	2.25	2	0	0	3	7	2060	0	1975	0
277	215000	3	1	1	0	0	4	7	1060	0	1960	0
278	740000	4	2.75	1.5	0	0	4	9	2190	700	1931	0
279	325000	4	1	1.5	0	0	4	7	1460	180	1928	0
280	518000	4	2.5	2	0	0	3	8	2790	0	2003	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
276	98034	47.7258	-122.177	2060	8155	1	0	0
277	98032	47.3801	-122.289	1620	8760	0	0	0
278	98109	47.6419	-122.351	2280	4000	1	1	1
279	98133	47.7017	-122.354	1230	3844	1	1	0
280	98059	47.4891	-122.141	2590	9910	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
276	#REF!	#REF!	#REF!	#REF!
277	#REF!	#REF!	#REF!	#REF!
278	#REF!	#REF!	#REF!	#REF!
279	#REF!	#REF!	#REF!	#REF!
280	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
276	#REF!	#REF!	179.48	3129.30	-3.6367	32211.51	9792508.33
277	#REF!	#REF!	-820.52	3013.30	11.3633	673260.20	9079967.11
278	#REF!	#REF!	1009.48	-2940.70	41.3633	1019041.10	8647726.04
279	#REF!	#REF!	-240.52	-3096.70	44.3633	57851.96	9589560.94
280	#REF!	#REF!	909.48	2969.30	-30.6367	827145.97	8816732.85

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
276	13.23	9824733.07	3134.44
277	129.12	9753356.43	3123.04
278	1710.92	9668478.06	3109.42
279	1968.10	9649381.00	3106.35
280	938.61	9644817.43	3105.61

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
281	7504030090	2780	9900	36	1880.5243446	6940.701623	42.63670412	0.00989368	20140601T000000
282	7327902612	930	4000	72	1880.5243446	6940.701623	42.63670412	0.024505256	20150513T000000
283	770000045	2830	4000	96	1880.5243446	6940.701623	42.63670412	0.029907298	20141024T000000
284	8731951370	1490	10000	46	1880.5243446	6940.701623	42.63670412	0.004580906	20150415T000000
285	2922703150	1110	3960	64	1880.5243446	6940.701623	42.63670412	0.038917781	20150304T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
281	660000	4	1.75	2	0	0	4	10	2780	0	1978	0
282	269500	2	1	1	0	0	3	6	730	200	1943	0
283	405600	5	1.5	2.5	0	0	4	8	2830	0	1918	0
284	269000	4	1.75	1	0	0	4	8	1100	390	1969	0
285	413252	3	0.75	1	0	0	3	7	1110	0	1951	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
281	98074	47.6348	-122.06	2600	12000	1	0	1
282	98108	47.5321	-122.323	1100	5000	0	1	0
283	98118	47.5132	-122.262	1480	4000	1	0	1
284	98023	47.3099	-122.379	2190	8910	0	1	1
285	98117	47.6834	-122.366	1610	5530	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
281	#REF!	#REF!	#REF!	#REF!
282	#REF!	#REF!	#REF!	#REF!
283	#REF!	#REF!	#REF!	#REF!
284	#REF!	#REF!	#REF!	#REF!
285	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
281	#REF!	#REF!	899.48	2959.30	-6.6367	809056.45	8757446.88
282	#REF!	#REF!	-950.52	-2940.70	29.3633	903496.53	8647726.04
283	#REF!	#REF!	949.48	-2940.70	53.3633	901504.02	8647726.04
284	#REF!	#REF!	-390.52	3059.30	3.3633	152509.26	9359306.56
285	#REF!	#REF!	-770.52	-2980.70	21.3633	593707.77	8884582.17

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
281	44.05	9566547.38	3092.98
282	862.20	9552084.77	3090.64
283	2847.64	9552077.70	3090.64
284	11.31	9511827.14	3084.13
285	456.39	9478746.32	3078.76

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
286	1624049092	1320	9967	95	1880.5243446	6940.701623	42.63670412	0.040851468	20140630T000000
287	7312200120	1760	10013	31	1880.5243446	6940.701623	42.63670412	0.036927904	20140723T000000
288	2436700315	1010	4000	95	1880.5243446	6940.701623	42.63670412	0.007873032	20141014T000000
289	2131200925	1660	10000	42	1880.5243446	6940.701623	42.63670412	0.022096388	20140729T000000
290	3942900010	1710	9996	65	1880.5243446	6940.701623	42.63670412	0.015875324	20150305T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
286	255000	2	1	1	0	0	3	6	940	380	1919	0
287	450000	3	2.25	2	0	0	4	8	1760	0	1983	0
288	441500	2	1.75	1.5	0	0	5	7	1010	0	1919	0
289	331292	3	1.75	1	0	0	3	7	1660	0	1972	0
290	380000	4	2	1	0	0	3	7	1710	0	1950	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
286	98108	47.5693	-122.296	1970	7587	0	1	0
287	98056	47.5336	-122.189	1810	9768	1	0	1
288	98105	47.6665	-122.287	1470	4000	1	0	0
289	98019	47.741	-121.978	1770	10000	0	0	0
290	98108	47.5472	-122.3	1550	6768	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
286	#REF!	#REF!	#REF!	#REF!
287	#REF!	#REF!	#REF!	#REF!
288	#REF!	#REF!	#REF!	#REF!
289	#REF!	#REF!	#REF!	#REF!
290	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
286	#REF!	#REF!	-560.52	3026.30	52.3633	314187.54	9158481.87
287	#REF!	#REF!	-120.52	3072.30	-11.6367	14526.12	9439017.32
288	#REF!	#REF!	-870.52	-2940.70	52.3633	757812.63	8647726.04
289	#REF!	#REF!	-220.52	3059.30	-0.6367	48630.99	9359306.56
290	#REF!	#REF!	-170.52	3055.30	22.3633	29078.55	9334848.17

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
286	2741.91	9475411.32	3078.22
287	135.41	9453678.85	3074.68
288	2741.91	9408280.58	3067.29
289	0.41	9407937.95	3067.24
290	500.12	9364426.84	3060.14

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
291	1797500435	1060	4000	105	1880.5243446	6940.701623	42.63670412	0.000705983	20150420T000000
292	2144800117	2600	9900	49	1880.5243446	6940.701623	42.63670412	0.020561466	20140626T000000
293	9178600055	1140	3990	91	1880.5243446	6940.701623	42.63670412	0.044422347	20150505T000000
294	9103000365	2660	4000	11	1880.5243446	6940.701623	42.63670412	0.002864621	20140620T000000
295	7202260330	2660	4000	13	1880.5243446	6940.701623	42.63670412	0.031783193	20140509T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
291	570000	2	1	1	0	0	4	7	1060	0	1910	0
292	270000	4	2.25	1	0	0	3	7	1600	1000	1965	0
293	695000	2	1	1	0	0	3	7	1140	0	1924	0
294	915000	3	3.25	2	0	0	3	9	2170	490	2003	0
295	583000	4	2.5	2	0	0	3	8	2660	0	2001	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
291	98115	47.6731	-122.315	1770	4000	0	0	0
292	98178	47.4881	-122.237	1770	11250	0	1	0
293	98103	47.6554	-122.333	1800	5700	0	0	0
294	98122	47.6186	-122.288	2660	4000	1	1	1
295	98053	47.6876	-122.038	2330	4517	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
291	#REF!	#REF!	#REF!	#REF!
292	#REF!	#REF!	#REF!	#REF!
293	#REF!	#REF!	#REF!	#REF!
294	#REF!	#REF!	#REF!	#REF!
295	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
291	#REF!	#REF!	-820.52	-2940.70	62.3633	673260.20	8647726.04
292	#REF!	#REF!	719.48	2959.30	6.3633	517645.22	8757446.88
293	#REF!	#REF!	-740.52	-2950.70	48.3633	548376.30	8706640.07
294	#REF!	#REF!	779.48	-2940.70	-31.6367	607582.30	8647726.04
295	#REF!	#REF!	779.48	-2940.70	-29.6367	607582.30	8647726.04

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
291	3889.18	9324875.42	3053.67
292	40.49	9275132.59	3045.51
293	2339.01	9257355.38	3042.59
294	1000.88	9256309.21	3042.42
295	878.33	9256186.67	3042.40

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
296	3790600080	1590	9960	39	1880.5243446	6940.701623	42.63670412	0.041643841	20150408T000000
297	203900920	1130	9879	18	1880.5243446	6940.701623	42.63670412	0.043592121	20140715T000000
298	2597490140	3040	4155	2	1880.5243446	6940.701623	42.63670412	0.030115981	20150326T000000
299	7133300380	2500	4000	1	1880.5243446	6940.701623	42.63670412	0.008514191	20150209T000000
300	259600620	1950	9940	52	1880.5243446	6940.701623	42.63670412	0.038721101	20150206T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
296	434975	3	2.25	1	0	0	3	7	1060	530	1976	0
297	340000	3	2	2	0	0	3	6	1130	0	1996	0
298	825000	4	3.25	2	0	0	3	8	2350	690	2013	0
299	635000	4	2.5	2	0	0	3	8	2500	0	2014	0
300	565000	4	2	1	0	0	4	7	1950	0	1963	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
296	98155	47.7742	-122.287	1860	9760	0	1	0
297	98053	47.635	-121.964	1900	14907	1	0	0
298	98029	47.5429	-122.012	2680	4000	1	1	1
299	98144	47.5902	-122.311	1480	4300	1	0	1
300	98008	47.6332	-122.118	1920	9270	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
296	#REF!	#REF!	#REF!	#REF!
297	#REF!	#REF!	#REF!	#REF!
298	#REF!	#REF!	#REF!	#REF!
299	#REF!	#REF!	#REF!	#REF!
300	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
296	#REF!	#REF!	-290.52	3019.30	-3.6367	84404.39	9116162.69
297	#REF!	#REF!	-750.52	2938.30	-24.6367	563286.79	8633597.35
298	#REF!	#REF!	1159.48	-2785.70	-40.6367	1344383.80	7760133.53
299	#REF!	#REF!	619.48	-2940.70	-41.6367	383750.09	8647726.04
300	#REF!	#REF!	69.48	2999.30	9.3633	4826.87	8995790.75

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
296	13.23	9200580.31	3033.25
297	606.97	9197491.11	3032.74
298	1651.34	9106168.67	3017.64
299	1733.62	9033209.74	3005.53
300	87.67	9000705.29	3000.12

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
301	7202330410	1470	3971	12	1880.5243446	6940.701623	42.63670412	0.009907758	20150320T000000
302	5468760050	1600	9921	6	1880.5243446	6940.701623	42.63670412	0.001957034	20150105T000000
303	7849202231	1470	3976	15	1880.5243446	6940.701623	42.63670412	0.00056674	20140723T000000
304	7010700210	1370	4000	63	1880.5243446	6940.701623	42.63670412	0.0111797	20140605T000000
305	4206901435	1450	4000	112	1880.5243446	6940.701623	42.63670412	0.00041512	20150122T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
301	491150	3	2.5	2	0	0	3	7	1470	0	2003	0
302	270000	4	2.5	2	0	0	3	7	1600	0	2009	0
303	337000	3	2.5	2	0	0	3	7	1470	0	1999	0
304	605004	4	2	2	0	0	3	9	1370	0	1951	1994
305	650000	2	1.75	1.5	0	0	4	7	1350	100	1903	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
301	98053	47.6816	-122.035	1650	3148	1	0	0
302	98042	47.3678	-122.124	2140	5806	1	0	0
303	98065	47.526	-121.826	1490	4400	1	0	0
304	98199	47.6593	-122.394	2010	5720	1	0	1
305	98105	47.6571	-122.326	1310	4000	1	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
301	#REF!	#REF!	#REF!	#REF!
302	#REF!	#REF!	#REF!	#REF!
303	#REF!	#REF!	#REF!	#REF!
304	#REF!	#REF!	#REF!	#REF!
305	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
301	#REF!	#REF!	-410.52	-2969.70	-30.6367	168530.24	8819127.73
302	#REF!	#REF!	-280.52	2980.30	-36.6367	78693.91	8882178.42
303	#REF!	#REF!	-410.52	-2964.70	-27.6367	168530.24	8789455.71
304	#REF!	#REF!	-510.52	-2940.70	20.3633	260635.11	8647726.04
305	#REF!	#REF!	-430.52	-2940.70	69.3633	185351.21	8647726.04

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
301	938.61	8988596.57	2998.10
302	1342.25	8962214.57	2993.70
303	763.79	8958749.74	2993.12
304	414.66	8908775.81	2984.76
305	4811.27	8837888.51	2972.86

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
306	3300701440	1480	4000	89	1880.5243446	6940.701623	42.63670412	0.034843199	20140729T000000
307	3288100290	3230	9576	49	1880.5243446	6940.701623	42.63670412	0.003623219	20150507T000000
308	1622049242	3148	9612	1	1880.5243446	6940.701623	42.63670412	0.018749627	20150304T000000
309	4083302485	2170	4000	90	1880.5243446	6940.701623	42.63670412	0.0441833	20150420T000000
310	3726800201	2160	4000	62	1880.5243446	6940.701623	42.63670412	0.038046355	20150417T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
306	409000	2	1.75	1	0	0	4	6	740	740	1925	0
307	605000	3	2.75	1.5	0	0	4	8	3230	0	1966	0
308	550000	4	2.5	2	0	3	3	9	3148	0	2014	0
309	913000	3	1.75	1	0	0	4	7	1110	1060	1925	0
310	410000	3	1.75	1	0	0	3	7	1080	1080	1953	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
306	98117	47.6916	-122.38	1060	4000	0	1	0
307	98034	47.7307	-122.183	2820	9576	1	0	1
308	98198	47.3994	-122.311	3000	11475	1	0	1
309	98103	47.6546	-122.337	1890	4000	0	1	0
310	98144	47.5721	-122.309	1260	3200	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
306	#REF!	#REF!	#REF!	#REF!
307	#REF!	#REF!	#REF!	#REF!
308	#REF!	#REF!	#REF!	#REF!
309	#REF!	#REF!	#REF!	#REF!
310	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
306	#REF!	#REF!	-400.52	-2940.70	46.3633	160419.75	8647726.04
307	#REF!	#REF!	1349.48	2635.30	6.3633	1821084.54	6944797.54
308	#REF!	#REF!	1267.48	2671.30	-41.6367	1606494.54	7135835.02
309	#REF!	#REF!	289.48	-2940.70	47.3633	83796.16	8647726.04
310	#REF!	#REF!	279.48	-2940.70	19.3633	78106.64	8647726.04

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
306	2149.56	8810295.34	2968.21
307	40.49	8765922.57	2960.73
308	1733.62	8744063.17	2957.04
309	2243.28	8733765.47	2955.29
310	374.94	8726207.61	2954.02

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
311	1930300190	1640	4000	105	1880.5243446	6940.701623	42.63670412	0.030659995	20140714T000000
312	5244801230	2120	4000	104	1880.5243446	6940.701623	42.63670412	0.002102404	20140829T000000
313	1518000290	1580	4007	14	1880.5243446	6940.701623	42.63670412	0.035121716	20150316T000000
314	4385701440	1660	4000	74	1880.5243446	6940.701623	42.63670412	0.029996321	20140926T000000
315	3298700305	710	4240	72	1880.5243446	6940.701623	42.63670412	0.014928998	20141229T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
311	716100	3	1	1.5	0	0	5	7	1640	0	1909	0
312	682000	5	2.25	1.5	0	0	4	7	1720	400	1910	0
313	325000	3	2.75	2	0	0	3	7	1580	0	2001	0
314	765000	2	1.75	1	0	0	3	7	990	670	1940	0
315	271000	2	1	1	0	0	4	6	710	0	1942	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
311	98103	47.6563	-122.351	2140	4000	1	0	0
312	98109	47.644	-122.353	1960	4000	1	1	0
313	98019	47.7367	-121.969	1770	3799	1	0	0
314	98112	47.6394	-122.28	2070	4000	0	1	0
315	98106	47.5226	-122.351	850	5200	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
311	#REF!	#REF!	#REF!	#REF!
312	#REF!	#REF!	#REF!	#REF!
313	#REF!	#REF!	#REF!	#REF!
314	#REF!	#REF!	#REF!	#REF!
315	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
311	#REF!	#REF!	-240.52	-2940.70	62.3633	57851.96	8647726.04
312	#REF!	#REF!	239.48	-2940.70	61.3633	57348.59	8647726.04
313	#REF!	#REF!	-300.52	-2933.70	-28.6367	90314.88	8606605.21
314	#REF!	#REF!	-220.52	-2940.70	31.3633	48630.99	8647726.04
315	#REF!	#REF!	-1170.52	-2700.70	29.3633	1370127.24	7293789.26

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
311	3889.18	8709467.18	2951.18
312	3765.45	8708840.08	2951.07
313	820.06	8697740.16	2949.19
314	983.66	8697340.68	2949.13
315	862.20	8664778.70	2943.60

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
316	7967000200	1930	4000	0	1880.5243446	6940.701623	42.63670412	0.017793291	20141121T000000
317	8649401000	1070	9750	19	1880.5243446	6940.701623	42.63670412	0.017660138	20141022T000000
318	5100403952	1090	4128	67	1880.5243446	6940.701623	42.63670412	0.02367251	20150225T000000
319	3782760080	2510	4090	2	1880.5243446	6940.701623	42.63670412	0.012654942	20140718T000000
320	3629910210	2510	4106	11	1880.5243446	6940.701623	42.63670412	0.021684486	20141103T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
316	345500	3	2.5	2	0	0	3	8	1930	0	2014	0
317	241000	2	1.75	1.5	0	0	3	7	1070	0	1995	0
318	440000	2	1	1	0	0	3	7	1090	0	1948	0
319	410000	4	2.25	2	0	0	3	8	1840	670	2012	0
320	699950	3	2.5	2	0	0	3	9	2510	0	2003	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
316	98001	47.3518	-122.275	2050	4000	1	0	1
317	98014	47.7131	-121.319	970	9750	1	0	0
318	98115	47.696	-122.314	1090	5413	0	0	0
319	98019	47.7345	-121.967	2070	4090	1	1	1
320	98029	47.5494	-121.994	2470	4106	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
316	#REF!	#REF!	#REF!	#REF!
317	#REF!	#REF!	#REF!	#REF!
318	#REF!	#REF!	#REF!	#REF!
319	#REF!	#REF!	#REF!	#REF!
320	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
316	#REF!	#REF!	49.48	-2940.70	-42.6367	2447.84	8647726.04
317	#REF!	#REF!	-810.52	2809.30	-23.6367	656949.71	7892157.37
318	#REF!	#REF!	-790.52	-2812.70	24.3633	624928.74	7911290.42
319	#REF!	#REF!	629.48	-2850.70	-40.6367	396239.60	8126499.74
320	#REF!	#REF!	629.48	-2834.70	-31.6367	396239.60	8035533.29

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
316	1817.89	8651991.76	2941.43
317	558.69	8549665.78	2923.98
318	593.57	8536812.73	2921.78
319	1651.34	8524390.69	2919.66
320	1000.88	8432773.77	2903.92

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
321	3307700150	1720	9830	69	1880.5243446	6940.701623	42.63670412	0.006228328	20150413T000000
322	1338600090	1040	4172	68	1880.5243446	6940.701623	42.63670412	0.03578332	20140923T000000
323	4279200060	2110	9825	14	1880.5243446	6940.701623	42.63670412	0.020461442	20141230T000000
324	3904901450	1850	4050	29	1880.5243446	6940.701623	42.63670412	0.037605782	20141120T000000
325	4022902505	2220	9800	27	1880.5243446	6940.701623	42.63670412	0.024259692	20140731T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
321	950000	3	1	1	0	0	4	7	1720	0	1946	0
322	370000	2	1	1	0	0	3	7	1040	0	1946	0
323	420000	4	2.5	2	0	0	3	8	2110	0	2000	0
324	445000	3	2.25	2	0	0	4	7	1850	0	1985	0
325	470000	3	2.25	2	0	0	3	8	2220	0	1987	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
321	98040	47.5905	-122.245	3200	8923	0	0	0
322	98112	47.6308	-122.302	3120	4800	0	0	0
323	98059	47.4979	-122.153	1650	9900	1	0	1
324	98029	47.5669	-122.017	1650	4468	1	0	0
325	98155	47.7635	-122.286	2420	10232	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
321	#REF!	#REF!	#REF!	#REF!
322	#REF!	#REF!	#REF!	#REF!
323	#REF!	#REF!	#REF!	#REF!
324	#REF!	#REF!	#REF!	#REF!
325	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
321	#REF!	#REF!	-160.52	2889.30	26.3633	25768.07	8348045.11
322	#REF!	#REF!	-840.52	-2768.70	25.3633	706481.17	7665708.68
323	#REF!	#REF!	229.48	2884.30	-28.6367	52659.08	8319177.13
324	#REF!	#REF!	-30.52	-2890.70	-13.6367	931.74	8356155.87
325	#REF!	#REF!	339.48	2859.30	-15.6367	115243.72	8175587.21

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
321	695.02	8374508.20	2893.87
322	643.30	8372833.15	2893.58
323	820.06	8372656.26	2893.55
324	185.96	8357273.57	2890.89
325	244.51	8291075.44	2879.42

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
326	2112700845	1300	4127	96	1880.5243446	6940.701623	42.63670412	0.021240136	20140528T000000
327	1189000700	1600	4128	108	1880.5243446	6940.701623	42.63670412	0.013992667	20141001T000000
328	123039604	820	4320	77	1880.5243446	6940.701623	42.63670412	0.012346162	20140701T000000
329	9320990110	1720	4120	16	1880.5243446	6940.701623	42.63670412	0.02796625	20150409T000000
330	6600400090	1640	9750	47	1880.5243446	6940.701623	42.63670412	0.02746255	20150113T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
326	270000	3	1.75	1	0	0	4	6	650	650	1918	1953
327	625000	3	1.5	1.5	0	0	3	8	1250	350	1906	0
328	102500	2	1	1	0	0	3	5	820	0	1937	0
329	340000	3	2.5	2	0	0	3	7	1720	0	1999	0
330	207500	3	1	1	0	0	3	7	1640	0	1968	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
326	98106	47.5353	-122.352	1420	4000	0	1	0
327	98122	47.6122	-122.297	1540	3976	1	1	1
328	98106	47.514	-122.359	780	7424	0	0	0
329	98148	47.4319	-122.328	1720	5544	1	0	0
330	98042	47.3256	-122.141	1200	9750	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
326	#REF!	#REF!	#REF!	#REF!
327	#REF!	#REF!	#REF!	#REF!
328	#REF!	#REF!	#REF!	#REF!
329	#REF!	#REF!	#REF!	#REF!
330	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
326	#REF!	#REF!	-580.52	-2813.70	53.3633	337008.51	7916916.82
327	#REF!	#REF!	-280.52	-2812.70	65.3633	78693.91	7911290.42
328	#REF!	#REF!	-1060.52	-2620.70	34.3633	1124711.89	6868077.00
329	#REF!	#REF!	-160.52	-2820.70	-26.6367	25768.07	7956357.65
330	#REF!	#REF!	-240.52	2809.30	4.3633	57851.96	7892157.37

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
326	2847.64	8256772.98	2873.46
327	4272.36	7994256.69	2827.41
328	1180.84	7993969.72	2827.36
329	709.51	7982835.23	2825.39
330	19.04	7950028.37	2819.58

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
331	268500020	1650	9750	50	1880.5243446	6940.701623	42.63670412	0.022967767	20141106T000000
332	7972000200	1720	9753	36	1880.5243446	6940.701623	42.63670412	0.003729808	20140529T000000
333	7883602650	860	4320	90	1880.5243446	6940.701623	42.63670412	0.010062413	20150413T000000
334	8731960050	3130	9450	41	1880.5243446	6940.701623	42.63670412	0.014012799	20141229T000000
335	2810100040	1610	4160	97	1880.5243446	6940.701623	42.63670412	0.028171134	20140507T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
331	282500	4	1	1	0	0	4	7	1650	0	1964	0
332	264950	4	2.25	1	0	0	4	7	1120	600	1978	0
333	250000	2	1	1	0	0	3	7	860	0	1925	0
334	302300	5	2.75	1	0	0	4	8	1580	1550	1973	0
335	485000	3	2	1	0	0	4	7	1010	600	1917	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
331	98059	47.4991	-122.164	1650	10112	0	0	0
332	98023	47.2922	-122.371	1510	9753	0	1	0
333	98108	47.5263	-122.325	980	6000	0	0	0
334	98023	47.3099	-122.384	1900	9000	0	1	1
335	98136	47.5421	-122.388	1040	4400	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
331	#REF!	#REF!	#REF!	#REF!
332	#REF!	#REF!	#REF!	#REF!
333	#REF!	#REF!	#REF!	#REF!
334	#REF!	#REF!	#REF!	#REF!
335	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
331	#REF!	#REF!	-230.52	2809.30	7.3633	53141.47	7892157.37
332	#REF!	#REF!	-160.52	2812.30	-6.6367	25768.07	7909022.16
333	#REF!	#REF!	-1020.52	-2620.70	47.3633	1041469.94	6868077.00
334	#REF!	#REF!	1249.48	2509.30	-1.6367	1561189.41	6296578.34
335	#REF!	#REF!	-270.52	-2780.70	54.3633	73183.42	7732301.52

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
331	54.22	7945353.06	2818.75
332	44.05	7934834.27	2816.88
333	2243.28	7911790.22	2812.79
334	2.68	7857770.44	2803.17
335	2955.37	7808440.30	2794.36

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
336	7852090810	2430	4203	13	1880.5243446	6940.701623	42.63670412	0.038022639	20141119T000000
337	255450340	2370	4200	0	1880.5243446	6940.701623	42.63670412	0.016082041	20140827T000000
338	1274500300	1090	9600	46	1880.5243446	6940.701623	42.63670412	0.009040151	20140623T000000
339	7883603965	1210	4250	74	1880.5243446	6940.701623	42.63670412	0.028017045	20150212T000000
340	6308000020	2290	4203	14	1880.5243446	6940.701623	42.63670412	0.028375313	20150403T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
336	515000	3	2.5	2	0	0	3	8	2430	0	2001	0
337	387865	3	2.5	2	0	0	3	8	2370	0	2014	0
338	200000	3	1.5	1	0	0	4	7	1090	0	1968	0
339	315000	4	2	1	0	0	4	7	1210	0	1941	0
340	590000	3	2.5	2	0	0	3	9	2290	0	2001	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
336	98065	47.5346	-121.875	2500	4798	1	0	1
337	98038	47.3696	-122.018	2370	4200	1	0	1
338	98042	47.3639	-122.109	1240	9620	0	0	0
339	98108	47.5275	-122.321	1210	6000	0	0	0
340	98006	47.5441	-122.172	2290	5089	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
336	#REF!	#REF!	#REF!	#REF!
337	#REF!	#REF!	#REF!	#REF!
338	#REF!	#REF!	#REF!	#REF!
339	#REF!	#REF!	#REF!	#REF!
340	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
336	#REF!	#REF!	549.48	-2737.70	-29.6367	301923.50	7495010.18
337	#REF!	#REF!	489.48	-2740.70	-42.6367	239586.42	7511445.39
338	#REF!	#REF!	-790.52	2659.30	3.3633	624928.74	7071867.86
339	#REF!	#REF!	-670.52	-2690.70	31.3633	449602.90	7239875.22
340	#REF!	#REF!	409.48	-2737.70	-28.6367	167670.31	7495010.18

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
336	878.33	7797812.01	2792.46
337	1817.89	7752849.69	2784.39
338	11.31	7696807.91	2774.31
339	983.66	7690461.78	2773.17
340	820.06	7663500.55	2768.30

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
341	238000201	2070	9697	85	1880.5243446	6940.701623	42.63670412	0.029585648	20140723T000000
342	7183000070	2120	9680	49	1880.5243446	6940.701623	42.63670412	0.034500618	20140821T000000
343	1760650290	1950	4197	2	1880.5243446	6940.701623	42.63670412	0.018473471	20150205T000000
344	2877102670	1740	4200	94	1880.5243446	6940.701623	42.63670412	0.002287758	20140707T000000
345	3782400190	1500	9656	25	1880.5243446	6940.701623	42.63670412	0.037418033	20140812T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
341	440000	3	2.75	2	0	0	4	7	1330	740	1929	0
342	369160	4	2.25	2	0	2	4	8	2120	0	1965	0
343	313200	3	2.5	2	0	0	3	7	1950	0	2013	0
344	555000	3	1.5	1.5	0	0	4	7	1640	100	1920	0
345	329500	3	2.25	1	0	0	3	7	1170	330	1989	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
341	98188	47.4327	-122.283	2000	14436	1	1	0
342	98003	47.3367	-122.332	2360	9647	1	0	1
343	98042	47.3613	-122.081	2300	4178	1	0	0
344	98117	47.6782	-122.361	1660	3750	1	1	0
345	98019	47.7327	-121.982	1690	9656	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
341	#REF!	#REF!	#REF!	#REF!
342	#REF!	#REF!	#REF!	#REF!
343	#REF!	#REF!	#REF!	#REF!
344	#REF!	#REF!	#REF!	#REF!
345	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
341	#REF!	#REF!	189.48	2756.30	42.3633	35901.02	7597180.74
342	#REF!	#REF!	239.48	2739.30	6.3633	57348.59	7503755.60
343	#REF!	#REF!	69.48	-2743.70	-40.6367	4826.87	7527898.60
344	#REF!	#REF!	-140.52	-2740.70	51.3633	19747.09	7511445.39
345	#REF!	#REF!	-380.52	2715.30	-17.6367	144798.78	7372845.28

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
341	1794.65	7634876.42	2763.13
342	40.49	7561144.68	2749.75
343	1651.34	7534376.80	2744.88
344	2638.19	7533830.67	2744.78
345	311.05	7517955.11	2741.89

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
346	3750605349	1220	9600	57	1880.5243446	6940.701623	42.63670412	0.003463697	20150304T000000
347	3904921120	2770	9532	26	1880.5243446	6940.701623	42.63670412	0.005837661	20140715T000000
348	301401370	2475	4276	0	1880.5243446	6940.701623	42.63670412	0.038587314	20140731T000000
349	8100400110	1820	9670	30	1880.5243446	6940.701623	42.63670412	0.036901052	20140708T000000
350	7226000110	900	4397	96	1880.5243446	6940.701623	42.63670412	0.017539766	20140726T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
346	210500	3	1	1	0	0	5	7	1220	0	1958	0
347	711000	4	2.5	2	0	0	4	9	2770	0	1988	0
348	319900	4	2.75	2	0	0	3	7	2475	0	2014	0
349	557500	3	2.25	2	0	0	3	8	1820	0	1984	0
350	205000	2	1	1	0	0	3	6	900	0	1918	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
346	98001	47.2622	-122.282	1310	9600	0	0	0
347	98029	47.5688	-122.012	2770	9219	1	0	1
348	98002	47.345	-122.21	2475	4000	1	0	0
349	98052	47.6382	-122.11	2160	11424	1	0	1
350	98055	47.4851	-122.205	1430	4500	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
346	#REF!	#REF!	#REF!	#REF!
347	#REF!	#REF!	#REF!	#REF!
348	#REF!	#REF!	#REF!	#REF!
349	#REF!	#REF!	#REF!	#REF!
350	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
346	#REF!	#REF!	-660.52	2659.30	14.3633	436292.41	7071867.86
347	#REF!	#REF!	889.48	2591.30	-16.6367	791166.94	6714827.28
348	#REF!	#REF!	594.48	-2664.70	-42.6367	353401.30	7100634.74
349	#REF!	#REF!	-60.52	2729.30	-12.6367	3663.20	7449069.63
350	#REF!	#REF!	-980.52	-2543.70	53.3633	961427.99	6470417.95

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
346	206.30	7508366.57	2740.14
347	276.78	7506271.00	2739.76
348	1817.89	7455853.93	2730.54
349	159.69	7452892.51	2730.00
350	2847.64	7434693.58	2726.66

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
351	7569450480	1680	4226	12	1880.5243446	6940.701623	42.63670412	0.034112776	20150317T000000
352	4312700200	1300	9600	39	1880.5243446	6940.701623	42.63670412	0.042846974	20140820T000000
353	34001160	3030	9374	55	1880.5243446	6940.701623	42.63670412	0.019778054	20140919T000000
354	7010700936	2860	4442	14	1880.5243446	6940.701623	42.63670412	0.017892103	20140613T000000
355	4019500160	2070	4270	5	1880.5243446	6940.701623	42.63670412	0.026087406	20150413T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
351	286000	3	2.5	2	0	0	3	8	1680	0	2003	0
352	195000	3	1	1	0	0	4	6	1300	0	1975	0
353	590000	3	2	1	0	1	4	7	2100	930	1959	0
354	799000	3	2.5	2	0	0	3	8	2860	0	2000	0
355	493000	4	2.5	2	0	0	3	8	2070	0	2010	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
351	98042	47.3684	-122.123	1800	5559	1	0	1
352	98092	47.3037	-122.107	1150	10222	0	0	0
353	98136	47.5289	-122.391	1990	6012	0	1	0
354	98199	47.661	-122.396	1440	4400	1	0	1
355	98028	47.773	-122.265	2070	4610	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
351	#REF!	#REF!	#REF!	#REF!
352	#REF!	#REF!	#REF!	#REF!
353	#REF!	#REF!	#REF!	#REF!
354	#REF!	#REF!	#REF!	#REF!
355	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
351	#REF!	#REF!	-200.52	-2714.70	-30.6367	40210.01	7369604.90
352	#REF!	#REF!	-580.52	2659.30	-3.6367	337008.51	7071867.86
353	#REF!	#REF!	1149.48	2433.30	12.3633	1321294.28	5920940.99
354	#REF!	#REF!	979.48	-2498.70	-28.6367	959372.56	6243509.80
355	#REF!	#REF!	189.48	-2670.70	-37.6367	35901.02	7132647.16

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
351	938.61	7410753.52	2722.27
352	13.23	7408889.60	2721.93
353	152.85	7242388.13	2691.17
354	820.06	7203702.42	2683.97
355	1416.52	7169964.70	2677.68

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
356	6791000280	1650	9600	37	1880.5243446	6940.701623	42.63670412	0.009732512	20140714T000000
357	1313000710	1920	9600	46	1880.5243446	6940.701623	42.63670412	0.011249729	20141003T000000
358	8096600050	1850	9600	47	1880.5243446	6940.701623	42.63670412	0.034950556	20150123T000000
359	9536601996	1010	9450	55	1880.5243446	6940.701623	42.63670412	0.018490138	20140610T000000
360	6804600550	2570	9503	34	1880.5243446	6940.701623	42.63670412	0.010210716	20140708T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
356	476000	3	1.75	1	0	0	4	7	1650	0	1977	0
357	652000	3	2.25	1	0	0	4	8	1560	360	1968	0
358	510000	3	2	1	0	0	3	7	1850	0	1968	1998
359	149500	3	1	1	0	0	4	7	1010	0	1959	0
360	439000	4	2.25	2	0	0	3	8	2570	0	1980	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
356	98075	47.5779	-122.044	2040	12220	0	0	0
357	98052	47.6341	-122.103	2040	9600	0	1	1
358	98011	47.7671	-122.225	1770	9600	0	0	0
359	98198	47.3592	-122.315	1240	9450	0	0	0
360	98011	47.764	-122.167	1950	9600	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
356	#REF!	#REF!	#REF!	#REF!
357	#REF!	#REF!	#REF!	#REF!
358	#REF!	#REF!	#REF!	#REF!
359	#REF!	#REF!	#REF!	#REF!
360	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
356	#REF!	#REF!	-230.52	2659.30	-5.6367	53141.47	7071867.86
357	#REF!	#REF!	39.48	2659.30	3.3633	1558.33	7071867.86
358	#REF!	#REF!	-30.52	2659.30	4.3633	931.74	7071867.86
359	#REF!	#REF!	-870.52	2509.30	12.3633	757812.63	6296578.34
360	#REF!	#REF!	689.48	2562.30	-8.6367	475376.68	6565372.97

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
356	31.77	7125041.10	2669.28
357	11.31	7073437.50	2659.59
358	19.04	7072818.63	2659.48
359	152.85	7054543.83	2656.04
360	74.59	7040824.25	2653.46

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
361	2770606685	1170	4400	63	1880.5243446	6940.701623	42.63670412	0.043610928	20140813T000000
362	1278000210	828	4524	47	1880.5243446	6940.701623	42.63670412	0.03116271	20150311T000000
363	3336001946	900	4500	64	1880.5243446	6940.701623	42.63670412	0.00302185	20150307T000000
364	7203101970	1460	4350	6	1880.5243446	6940.701623	42.63670412	0.037713708	20140715T000000
365	475000605	3520	4895	60	1880.5243446	6940.701623	42.63670412	0.00488621	20140623T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
361	470000	3	1	1	0	0	3	7	870	300	1951	0
362	110000	2	1	1	0	0	3	6	828	0	1968	2007
363	263300	2	1	1	0	0	3	7	900	0	1951	0
364	362764	3	2	2	0	0	3	7	1460	0	2008	0
365	800000	4	3	1	0	0	3	8	1980	1540	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
361	98199	47.6584	-122.391	1240	4400	0	1	0
362	98001	47.2655	-122.244	828	5402	0	0	0
363	98118	47.5273	-122.265	1175	5320	0	0	0
364	98053	47.696	-122.026	1740	4622	1	0	0
365	98107	47.6678	-122.361	1570	2153	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
361	#REF!	#REF!	#REF!	#REF!
362	#REF!	#REF!	#REF!	#REF!
363	#REF!	#REF!	#REF!	#REF!
364	#REF!	#REF!	#REF!	#REF!
365	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
361	#REF!	#REF!	-710.52	-2540.70	20.3633	504844.84	6455164.74
362	#REF!	#REF!	-1052.52	-2416.70	4.3633	1107807.50	5840446.73
363	#REF!	#REF!	-980.52	-2440.70	21.3633	961427.99	5957024.41
364	#REF!	#REF!	-420.52	-2590.70	-36.6367	176840.72	6711734.90
365	#REF!	#REF!	1639.48	-2045.70	17.3633	2687880.42	4184895.13

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
361	414.66	6960424.25	2638.26
362	19.04	6948273.27	2635.96
363	456.39	6918908.79	2630.38
364	1342.25	6889917.87	2624.87
365	301.48	6873077.04	2621.66

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
366	5470100090	1250	9484	45	1880.5243446	6940.701623	42.63670412	0.005402502	20140905T000000
367	7225000090	1070	4500	82	1880.5243446	6940.701623	42.63670412	0.003907179	20141017T000000
368	1773600264	3250	4800	5	1880.5243446	6940.701623	42.63670412	0.012764829	20150223T000000
369	259500230	2670	4534	7	1880.5243446	6940.701623	42.63670412	0.039083757	20141218T000000
370	421000185	700	4700	61	1880.5243446	6940.701623	42.63670412	0.039955474	20140611T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
366	210000	3	1.5	1	0	0	4	7	1250	0	1969	0
367	245000	2	2	1	0	0	4	6	910	160	1932	0
368	705000	5	3.5	2	0	0	3	9	2410	840	2010	0
369	465750	3	2.5	2	0	0	3	9	2670	0	2007	0
370	200000	2	1	1	0	0	5	5	700	0	1953	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
366	98042	47.3675	-122.147	1320	9600	0	0	0
367	98055	47.4896	-122.204	1280	4500	0	1	0
368	98106	47.5618	-122.362	1330	4920	1	1	1
369	98056	47.51	-122.184	3040	5079	1	0	1
370	98056	47.4953	-122.169	960	5200	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
366	#REF!	#REF!	#REF!	#REF!
367	#REF!	#REF!	#REF!	#REF!
368	#REF!	#REF!	#REF!	#REF!
369	#REF!	#REF!	#REF!	#REF!
370	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
366	#REF!	#REF!	-630.52	2543.30	2.3633	397560.95	6468366.63
367	#REF!	#REF!	-810.52	-2440.70	39.3633	656949.71	5957024.41
368	#REF!	#REF!	1369.48	-2140.70	-37.6367	1875463.57	4582603.44
369	#REF!	#REF!	789.48	-2406.70	-35.6367	623271.81	5792212.70
370	#REF!	#REF!	-1180.52	-2240.70	18.3633	1393637.73	5020743.76

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
366	5.59	6865933.17	2620.29
367	1549.47	6615523.59	2572.07
368	1416.52	6459483.53	2541.55
369	1269.97	6416754.49	2533.13
370	337.21	6414718.70	2532.73

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
371	8827901415	1470	4480	97	1880.5243446	6940.701623	42.63670412	0.013559296	20150507T000000
372	6844700810	1050	4590	65	1880.5243446	6940.701623	42.63670412	0.026314345	20140901T000000
373	3185600040	1400	4500	92	1880.5243446	6940.701623	42.63670412	0.010761552	20141224T000000
374	8133300050	1260	9346	51	1880.5243446	6940.701623	42.63670412	0.022612642	20140626T000000
375	7852030330	2270	4488	15	1880.5243446	6940.701623	42.63670412	0.00551282	20140903T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
371	613000	3	1.5	1	0	0	4	7	1130	340	1918	0
372	438924	3	1.5	1	0	0	3	7	850	200	1949	0
373	310000	2	1	1	0	0	3	7	900	500	1922	0
374	200500	3	1.75	1	0	0	4	7	1260	0	1963	0
375	480000	3	2.5	2	0	0	3	7	2270	0	1999	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
371	98105	47.6693	-122.291	2120	4480	0	1	0
372	98115	47.6943	-122.29	1770	5400	0	1	0
373	98055	47.4866	-122.219	1400	5500	0	1	0
374	98030	47.3713	-122.186	1800	9705	0	0	0
375	98065	47.5329	-121.879	2360	4427	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
371	#REF!	#REF!	#REF!	#REF!
372	#REF!	#REF!	#REF!	#REF!
373	#REF!	#REF!	#REF!	#REF!
374	#REF!	#REF!	#REF!	#REF!
375	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
371	#REF!	#REF!	-410.52	-2460.70	54.3633	168530.24	6055052.48
372	#REF!	#REF!	-830.52	-2350.70	22.3633	689770.69	5525798.12
373	#REF!	#REF!	-480.52	-2440.70	49.3633	230903.65	5957024.41
374	#REF!	#REF!	-620.52	2405.30	8.3633	385050.46	5785460.28
375	#REF!	#REF!	389.48	-2452.70	-27.6367	151691.29	6015745.25

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
371	2955.37	6226538.08	2495.30
372	500.12	6216068.92	2493.20
373	2436.73	6190364.79	2488.04
374	69.94	6170580.69	2484.07
375	763.79	6168200.32	2483.59

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
376	7922720040	2880	9202	38	1880.5243446	6940.701623	42.63670412	0.043477991	20150317T000000
377	3066200440	2370	9360	35	1880.5243446	6940.701623	42.63670412	0.013884399	20140608T000000
378	8724300010	3420	5012	6	1880.5243446	6940.701623	42.63670412	0.010839175	20140909T000000
379	9201000480	1840	9401	43	1880.5243446	6940.701623	42.63670412	0.020559755	20141112T000000
380	5425700150	1580	9382	51	1880.5243446	6940.701623	42.63670412	0.000228072	20140804T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
376	680000	4	2.5	1	0	0	3	8	1780	1100	1977	0
377	684680	4	2.25	2	0	0	4	8	2370	0	1979	0
378	548000	4	3.25	2	0	0	3	10	2330	1090	2008	0
379	550000	3	1.75	1	0	0	3	8	1840	0	1971	0
380	787500	4	1.75	1	0	0	3	7	1080	500	1963	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
376	98052	47.6658	-122.139	2500	10265	0	1	1
377	98052	47.6518	-122.123	2370	9720	1	0	1
378	98019	47.732	-121.982	2320	5465	1	1	1
379	98075	47.5847	-122.075	2850	14323	0	0	1
380	98039	47.6353	-122.232	2010	9382	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
376	#REF!	#REF!	#REF!	#REF!
377	#REF!	#REF!	#REF!	#REF!
378	#REF!	#REF!	#REF!	#REF!
379	#REF!	#REF!	#REF!	#REF!
380	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
376	#REF!	#REF!	999.48	2261.30	-4.6367	998951.59	5113470.35
377	#REF!	#REF!	489.48	2419.30	-7.6367	239586.42	5853004.64
378	#REF!	#REF!	1539.48	-1928.70	-36.6367	2369985.29	3719889.95
379	#REF!	#REF!	-40.52	2460.30	0.3633	1642.22	6053068.10
380	#REF!	#REF!	-300.52	2441.30	8.3633	90314.88	5959937.77

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
376	21.50	6112443.43	2472.34
377	58.32	6092649.37	2468.33
378	1342.25	6091217.49	2468.04
379	0.13	6054710.46	2460.63
380	69.94	6050322.59	2459.74

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
381	3878900270	2240	4508	89	1880.5243446	6940.701623	42.63670412	0.033805554	20150429T000000
382	1115700040	2920	9163	38	1880.5243446	6940.701623	42.63670412	0.006888551	20141201T000000
383	7923300285	2440	9320	58	1880.5243446	6940.701623	42.63670412	0.038209016	20150312T000000
384	1448800010	1740	9370	22	1880.5243446	6940.701623	42.63670412	0.000456498	20140901T000000
385	3814900210	3361	5038	0	1880.5243446	6940.701623	42.63670412	0.026747735	20140829T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
381	466000	4	2	1	0	2	4	8	1340	900	1926	0
382	713500	5	2.75	1	0	0	4	8	1520	1400	1976	0
383	650000	4	2.25	1	0	0	4	7	1880	560	1957	0
384	289950	3	2.25	1	0	0	3	7	1390	350	1992	0
385	471275	4	2.5	2	0	0	3	9	3361	0	2014	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
381	98178	47.5096	-122.25	1930	5250	0	1	1
382	98006	47.5668	-122.169	2250	9163	0	1	1
383	98007	47.5933	-122.135	1530	9335	0	1	0
384	98198	47.391	-122.316	1740	7555	0	1	0
385	98092	47.3269	-122.165	2316	4105	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
381	#REF!	#REF!	#REF!	#REF!
382	#REF!	#REF!	#REF!	#REF!
383	#REF!	#REF!	#REF!	#REF!
384	#REF!	#REF!	#REF!	#REF!
385	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
381	#REF!	#REF!	359.48	-2432.70	46.3633	129222.75	5918037.19
382	#REF!	#REF!	1039.48	2222.30	-4.6367	1080509.64	4938610.08
383	#REF!	#REF!	559.48	2379.30	15.3633	313013.01	5661060.77
384	#REF!	#REF!	-140.52	2429.30	-20.6367	19747.09	5901490.60
385	#REF!	#REF!	1480.48	-1902.70	-42.6367	2191808.17	3620273.47

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
381	2149.56	6049409.49	2459.55
382	21.50	6019141.21	2453.39
383	236.03	5974309.81	2444.24
384	425.87	5921663.57	2433.45
385	1817.89	5813899.52	2411.20

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
386	8563020380	1820	9350	47	1880.5243446	6940.701623	42.63670412	0.000884225	20140520T000000
387	1474000050	1310	9282	38	1880.5243446	6940.701623	42.63670412	0.041607357	20140508T000000
388	9269260100	2680	4673	15	1880.5243446	6940.701623	42.63670412	0.020629539	20141216T000000
389	6150200330	1150	4681	59	1880.5243446	6940.701623	42.63670412	0.023359597	20140825T000000
390	7697800170	1800	9314	36	1880.5243446	6940.701623	42.63670412	0.021172903	20150428T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
386	519900	4	2	1	0	0	4	8	1820	0	1967	0
387	437000	3	1.75	1	0	0	4	7	1310	0	1976	0
388	475000	4	2.25	2	0	0	3	7	2680	0	1999	0
389	358000	3	1	1	0	0	3	7	1150	0	1955	0
390	270000	3	1.75	2	0	0	3	8	1800	0	1979	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
386	98052	47.6288	-122.098	2260	9299	0	0	1
387	98052	47.6844	-122.111	1310	8748	0	0	0
388	98011	47.7539	-122.219	2460	4645	1	0	0
389	98133	47.7284	-122.336	1150	6800	0	0	0
390	98011	47.7762	-122.198	2100	9658	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
386	#REF!	#REF!	#REF!	#REF!
387	#REF!	#REF!	#REF!	#REF!
388	#REF!	#REF!	#REF!	#REF!
389	#REF!	#REF!	#REF!	#REF!
390	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
386	#REF!	#REF!	-60.52	2409.30	4.3633	3663.20	5804718.67
387	#REF!	#REF!	-570.52	2341.30	-4.6367	325498.03	5481678.09
388	#REF!	#REF!	799.48	-2267.70	-27.6367	639161.32	5142470.65
389	#REF!	#REF!	-730.52	-2259.70	16.3633	533665.82	5106251.42
390	#REF!	#REF!	-80.52	2373.30	-6.6367	6484.17	5632545.19

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
386	19.04	5808400.90	2410.06
387	21.50	5807197.62	2409.81
388	763.79	5782395.76	2404.66
389	267.76	5640185.00	2374.91
390	44.05	5639073.40	2374.67

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
391	3544400236	1290	4650	108	1880.5243446	6940.701623	42.63670412	0.034223178	20140707T000000
392	1424100100	1330	9200	41	1880.5243446	6940.701623	42.63670412	0.035932706	20140610T000000
393	1795900120	2250	9235	29	1880.5243446	6940.701623	42.63670412	0.020876152	20141029T000000
394	1085623560	2930	4875	1	1880.5243446	6940.701623	42.63670412	0.001127354	20150202T000000
395	225039145	1210	4731	113	1880.5243446	6940.701623	42.63670412	0.034659226	20140619T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
391	494000	2	1	1	0	0	4	7	1290	0	1906	0
392	183000	3	1.75	1	0	0	4	7	1330	0	1973	0
393	549000	3	2.5	2	0	0	3	8	2250	0	1985	0
394	442515	4	2.5	2	0	0	3	9	2930	0	2014	0
395	285000	3	1	1.5	0	0	3	7	1210	0	1901	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
391	98115	47.6877	-122.325	1640	3900	0	0	0
392	98092	47.2916	-122.185	1590	9200	0	0	0
393	98052	47.7268	-122.105	2290	8187	1	0	1
394	98030	47.3421	-122.179	2815	4900	1	0	1
395	98117	47.6865	-122.397	1450	5264	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
391	#REF!	#REF!	#REF!	#REF!
392	#REF!	#REF!	#REF!	#REF!
393	#REF!	#REF!	#REF!	#REF!
394	#REF!	#REF!	#REF!	#REF!
395	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
391	#REF!	#REF!	-590.52	-2290.70	65.3633	348719.00	5247313.93
392	#REF!	#REF!	-550.52	2259.30	-1.6367	303077.05	5104429.16
393	#REF!	#REF!	369.48	2294.30	-13.6367	136512.26	5263805.04
394	#REF!	#REF!	1049.48	-2065.70	-41.6367	1101399.15	4267123.20
395	#REF!	#REF!	-670.52	-2209.70	70.3633	449602.90	4882781.26

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
391	4272.36	5600305.29	2366.50
392	2.68	5407508.89	2325.41
393	185.96	5400503.26	2323.90
394	1733.62	5370255.96	2317.38
395	4950.99	5337335.15	2310.27

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
396	8682280170	3360	8708	9	1880.5243446	6940.701623	42.63670412	0.018708096	20150330T000000
397	2021000180	3120	5001	10	1880.5243446	6940.701623	42.63670412	0.006433668	20150310T000000
398	9117000170	1810	9240	54	1880.5243446	6940.701623	42.63670412	0.041093737	20150505T000000
399	255400060	3750	8279	13	1880.5243446	6940.701623	42.63670412	0.015153839	20141208T000000
400	9543000896	1800	9216	64	1880.5243446	6940.701623	42.63670412	0.00310555	20140825T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
396	850000	3	2.5	2	0	0	3	9	3360	0	2006	0
397	380000	4	2.5	2	0	0	3	9	3120	0	2005	0
398	268643	4	2.25	2	0	0	3	7	1810	0	1961	0
399	910000	5	2.75	2	0	0	3	9	3750	0	2001	0
400	237000	3	1.5	1	0	0	4	7	1800	0	1950	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
396	98053	47.7037	-122.016	1810	4764	1	0	1
397	98023	47.2779	-122.349	3120	5244	1	0	1
398	98055	47.4362	-122.187	1660	9240	1	0	0
399	98074	47.6039	-122.06	3450	8279	1	0	1
400	98001	47.2739	-122.249	1400	10022	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
396	#REF!	#REF!	#REF!	#REF!
397	#REF!	#REF!	#REF!	#REF!
398	#REF!	#REF!	#REF!	#REF!
399	#REF!	#REF!	#REF!	#REF!
400	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
396	#REF!	#REF!	1479.48	1767.30	-33.6367	2188848.22	3123343.55
397	#REF!	#REF!	1239.48	-1939.70	-32.6367	1536299.90	3762442.39
398	#REF!	#REF!	-70.52	2299.30	11.3633	4973.68	5286773.03
399	#REF!	#REF!	1869.48	1338.30	-29.6367	3494939.23	1791042.55
400	#REF!	#REF!	-80.52	2275.30	21.3633	6484.17	5176982.70

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
396	1131.43	5313323.20	2305.06
397	1065.15	5299807.44	2302.13
398	129.12	5291875.83	2300.41
399	878.33	5286860.11	2299.32
400	456.39	5183923.26	2276.82

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
401	8562750060	4140	6770	11	1880.5243446	6940.701623	42.63670412	0.03592438	20150420T000000
402	7011201550	2600	4800	61	1880.5243446	6940.701623	42.63670412	0.035101973	20140707T000000
403	9578060470	2310	4729	3	1880.5243446	6940.701623	42.63670412	0.038542663	20140508T000000
404	538000450	2090	4698	16	1880.5243446	6940.701623	42.63670412	0.017181057	20140603T000000
405	6383000820	2290	9142	42	1880.5243446	6940.701623	42.63670412	0.013375919	20140807T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
401	825000	5	3.5	2	0	0	3	9	3030	1110	2004	0
402	780000	4	2	1	0	2	3	8	1400	1200	1953	0
403	494000	3	2.5	2	0	0	3	8	2310	0	2011	0
404	315000	5	2.5	2	0	0	3	7	2090	0	1998	0
405	685900	3	2.5	1	0	0	3	8	2290	0	1972	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
401	98027	47.5381	-122.069	3960	5431	1	1	1
402	98119	47.637	-122.371	2050	3505	0	1	1
403	98028	47.7734	-122.237	2440	4711	1	0	1
404	98038	47.3538	-122.025	2070	4698	1	0	0
405	98117	47.691	-122.387	1770	8035	0	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
401	#REF!	#REF!	#REF!	#REF!
402	#REF!	#REF!	#REF!	#REF!
403	#REF!	#REF!	#REF!	#REF!
404	#REF!	#REF!	#REF!	#REF!
405	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
401	#REF!	#REF!	2259.48	-170.70	-31.6367	5105230.24	29139.04
402	#REF!	#REF!	719.48	-2140.70	18.3633	517645.22	4582603.44
403	#REF!	#REF!	429.48	-2211.70	-39.6367	184449.34	4891624.07
404	#REF!	#REF!	209.48	-2242.70	-26.6367	43880.05	5029710.57
405	#REF!	#REF!	409.48	2201.30	-0.6367	167670.31	4845714.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
401	1000.88	5135370.16	2266.14
402	337.21	5100585.87	2258.45
403	1571.07	5077644.48	2253.36
404	709.51	5074300.13	2252.62
405	0.41	5013385.26	2239.06

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
406	7211401485	780	5000	71	1880.5243446	6940.701623	42.63670412	0.040656708	20140606T000000
407	3630160610	2980	5000	8	1880.5243446	6940.701623	42.63670412	0.029137421	20140716T000000
408	3905090410	3120	8792	23	1880.5243446	6940.701623	42.63670412	0.012556906	20150123T000000
409	486000085	2970	5000	13	1880.5243446	6940.701623	42.63670412	0.032841457	20140815T000000
410	424049043	4050	6504	18	1880.5243446	6940.701623	42.63670412	0.020270455	20140811T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
406	285000	2	1	1	0	0	4	6	780	0	1943	0
407	765000	4	2.5	2	0	0	3	10	2980	0	2006	0
408	760000	4	2.5	2	0	0	4	9	3120	0	1992	0
409	866800	4	3.5	2	0	2	3	9	2200	770	2001	0
410	450000	9	7.5	2	0	0	3	7	4050	0	1996	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
406	98146	47.5112	-122.357	1030	5000	0	0	0
407	98027	47.5431	-121.997	3140	5500	1	0	1
408	98029	47.5699	-121.993	2150	7688	1	0	1
409	98117	47.6772	-122.399	1470	4560	1	1	1
410	98144	47.5923	-122.301	1448	3866	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
406	#REF!	#REF!	#REF!	#REF!
407	#REF!	#REF!	#REF!	#REF!
408	#REF!	#REF!	#REF!	#REF!
409	#REF!	#REF!	#REF!	#REF!
410	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
406	#REF!	#REF!	-1100.52	-1940.70	28.3633	1211153.83	3766322.79
407	#REF!	#REF!	1099.48	-1940.70	-34.6367	1208846.72	3766322.79
408	#REF!	#REF!	1239.48	1851.30	-19.6367	1536299.90	3427305.68
409	#REF!	#REF!	1089.48	-1940.70	-29.6367	1186957.20	3766322.79
410	#REF!	#REF!	2169.48	-436.70	-24.6367	4706624.62	190708.31

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
406	804.48	4978281.10	2231.21
407	1199.70	4976369.21	2230.78
408	385.60	4963991.18	2228.00
409	878.33	4954158.33	2225.79
410	606.97	4897939.89	2213.13

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
411	6071200455	1830	9152	55	1880.5243446	6940.701623	42.63670412	0.030658	20140523T000000
412	6371500040	1350	4800	87	1880.5243446	6940.701623	42.63670412	0.025322539	20150316T000000
413	7852030320	2620	4874	16	1880.5243446	6940.701623	42.63670412	0.005476573	20150217T000000
414	7131300025	1240	4842	98	1880.5243446	6940.701623	42.63670412	0.016643627	20140521T000000
415	7625701891	1400	4800	97	1880.5243446	6940.701623	42.63670412	0.043442777	20140806T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
411	550000	3	2	1	0	0	5	8	1830	0	1959	0
412	585000	3	1	1.5	0	0	3	7	1350	0	1928	0
413	470000	3	2.5	2	0	0	3	7	2620	0	1999	0
414	210000	3	1	1	0	0	4	6	1240	0	1916	0
415	435000	3	1	1	0	0	4	6	700	700	1917	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
411	98006	47.5531	-122.181	1770	9220	0	0	1
412	98116	47.5749	-122.412	1360	4800	1	0	0
413	98065	47.5328	-121.879	2360	4231	1	0	0
414	98118	47.5166	-122.269	1540	5110	0	0	0
415	98136	47.5499	-122.391	1470	6000	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
411	#REF!	#REF!	#REF!	#REF!
412	#REF!	#REF!	#REF!	#REF!
413	#REF!	#REF!	#REF!	#REF!
414	#REF!	#REF!	#REF!	#REF!
415	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
411	#REF!	#REF!	-50.52	2211.30	12.3633	2552.71	4889840.51
412	#REF!	#REF!	-530.52	-2140.70	44.3633	281456.08	4582603.44
413	#REF!	#REF!	739.48	-2066.70	-26.6367	546824.24	4271255.60
414	#REF!	#REF!	-640.52	-2098.70	55.3633	410271.44	4404548.50
415	#REF!	#REF!	-480.52	-2140.70	54.3633	230903.65	4582603.44

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
411	152.85	4892546.07	2211.91
412	1968.10	4866027.62	2205.91
413	709.51	4818789.36	2195.17
414	3065.09	4817885.03	2194.97
415	2955.37	4816462.45	2194.64

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
416	8651411420	1140	4875	45	1880.5243446	6940.701623	42.63670412	0.044141341	20150305T000000
417	6084600420	2190	9113	28	1880.5243446	6940.701623	42.63670412	0.01470523	20140905T000000
418	7853380570	3340	5314	5	1880.5243446	6940.701623	42.63670412	0.031611917	20150511T000000
419	7972600910	1840	4760	86	1880.5243446	6940.701623	42.63670412	0.040262431	20150507T000000
420	9523102420	920	5000	108	1880.5243446	6940.701623	42.63670412	0.02800452	20140922T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
416	218000	3	1.5	1	0	0	5	6	1140	0	1970	0
417	245000	4	2.25	2	0	0	3	7	2190	0	1986	0
418	701000	4	2.5	2	0	0	3	10	3340	0	2010	0
419	433000	4	2	1.5	0	0	4	6	1080	760	1929	0
420	535000	1	1	1	0	3	4	7	920	0	1906	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
416	98042	47.3684	-122.08	980	5070	0	0	0
417	98001	47.3241	-122.275	1570	8306	1	0	0
418	98065	47.5167	-121.885	3220	5500	1	0	1
419	98106	47.5297	-122.349	1170	5950	1	1	0
420	98103	47.6748	-122.352	1890	5000	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
416	#REF!	#REF!	#REF!	#REF!
417	#REF!	#REF!	#REF!	#REF!
418	#REF!	#REF!	#REF!	#REF!
419	#REF!	#REF!	#REF!	#REF!
420	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
416	#REF!	#REF!	-740.52	-2065.70	2.3633	548376.30	4267123.20
417	#REF!	#REF!	309.48	2172.30	-14.6367	95775.18	4718880.24
418	#REF!	#REF!	1459.48	-1626.70	-37.6367	2130069.19	2646158.17
419	#REF!	#REF!	-40.52	-2180.70	43.3633	1642.22	4755459.57
420	#REF!	#REF!	-960.52	-1940.70	65.3633	922607.02	3766322.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
416	5.59	4815505.09	2194.43
417	214.23	4814869.65	2194.28
418	1416.52	4777643.88	2185.78
419	1880.38	4758982.17	2181.51
420	4272.36	4693202.17	2166.38

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
421	8825900465	1960	4788	94	1880.5243446	6940.701623	42.63670412	0.035092212	20140507T000000
422	2919702235	2080	4800	91	1880.5243446	6940.701623	42.63670412	0.043857871	20140528T000000
423	7299600920	2009	4800	2	1880.5243446	6940.701623	42.63670412	0.008534411	20141209T000000
424	2883200966	1940	4800	110	1880.5243446	6940.701623	42.63670412	0.004905062	20150318T000000
425	2822100175	1430	4850	36	1880.5243446	6940.701623	42.63670412	0.008964131	20140827T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
421	599000	3	1.75	1	0	0	4	7	1090	870	1920	0
422	740000	2	1.75	1	0	0	5	7	1080	1000	1923	0
423	279000	4	2.5	2	0	0	3	8	2009	0	2012	0
424	780000	5	1.5	2	0	0	3	8	1940	0	1905	0
425	284000	3	1.75	1	0	0	3	7	930	500	1978	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
421	98115	47.6746	-122.312	1960	3960	0	1	0
422	98117	47.6896	-122.362	1310	4800	0	1	0
423	98092	47.2586	-122.2	1798	4800	1	0	1
424	98103	47.6845	-122.332	1750	4800	1	0	1
425	98108	47.5472	-122.303	1430	4850	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
421	#REF!	#REF!	#REF!	#REF!
422	#REF!	#REF!	#REF!	#REF!
423	#REF!	#REF!	#REF!	#REF!
424	#REF!	#REF!	#REF!	#REF!
425	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
421	#REF!	#REF!	79.48	-2152.70	51.3633	6316.38	4634124.28
422	#REF!	#REF!	199.48	-2140.70	48.3633	39790.54	4582603.44
423	#REF!	#REF!	128.48	-2140.70	-40.6367	16505.99	4582603.44
424	#REF!	#REF!	59.48	-2140.70	67.3633	3537.35	4582603.44
425	#REF!	#REF!	-450.52	-2090.70	-6.6367	202972.19	4371033.28

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
421	2638.19	4643078.85	2154.78
422	2339.01	4624732.98	2150.52
423	1651.34	4600760.77	2144.94
424	4537.81	4590678.61	2142.59
425	44.05	4574049.51	2138.70

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
426	7844200120	3020	8750	55	1880.5243446	6940.701623	42.63670412	0.002859272	20150413T000000
427	2644300005	1900	9075	27	1880.5243446	6940.701623	42.63670412	0.031617969	20150412T000000
428	1895000045	820	5100	62	1880.5243446	6940.701623	42.63670412	0.015577522	20150504T000000
429	6751300375	1520	9030	58	1880.5243446	6940.701623	42.63670412	0.034678127	20140702T000000
430	9266700845	830	5100	74	1880.5243446	6940.701623	42.63670412	0.004432938	20150429T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
426	340000	4	2.5	1	0	0	3	8	1710	1310	1960	0
427	407500	4	2.5	2	0	0	3	7	1900	0	1988	0
428	195000	2	1	1	0	0	3	6	820	0	1953	0
429	415000	3	1	1	0	0	3	7	1520	0	1956	0
430	325000	2	1	1	0	0	3	6	830	0	1941	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
426	98188	47.4298	-122.29	1900	8750	0	1	1
427	98133	47.7776	-122.352	1800	8460	1	0	0
428	98118	47.5156	-122.262	1170	5304	0	0	0
429	98007	47.587	-122.134	1470	8712	0	0	0
430	98103	47.6932	-122.346	1050	5100	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
426	#REF!	#REF!	#REF!	#REF!
427	#REF!	#REF!	#REF!	#REF!
428	#REF!	#REF!	#REF!	#REF!
429	#REF!	#REF!	#REF!	#REF!
430	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
426	#REF!	#REF!	1139.48	1809.30	12.3633	1298404.77	3273560.62
427	#REF!	#REF!	19.48	2134.30	-15.6367	379.30	4555229.56
428	#REF!	#REF!	-1060.52	-1840.70	19.3633	1124711.89	3388182.46
429	#REF!	#REF!	-360.52	2089.30	15.3633	129977.80	4365167.71
430	#REF!	#REF!	-1050.52	-1840.70	31.3633	1103601.40	3388182.46

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
426	152.85	4572118.24	2138.25
427	244.51	4555853.37	2134.44
428	374.94	4513269.29	2124.45
429	236.03	4495381.54	2120.23
430	983.66	4492767.52	2119.61

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
431	2621600015	1150	8924	72	1880.5243446	6940.701623	42.63670412	0.023416654	20150430T000000
432	9297800165	2020	4840	89	1880.5243446	6940.701623	42.63670412	0.025749557	20141211T000000
433	9406570290	2340	8990	11	1880.5243446	6940.701623	42.63670412	0.031333226	20140516T000000
434	4303200555	770	5160	71	1880.5243446	6940.701623	42.63670412	0.014802272	20140815T000000
435	3448740360	2190	4866	6	1880.5243446	6940.701623	42.63670412	0.002589325	20150429T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
431	175000	3	1	1	0	0	3	6	1150	0	1943	0
432	430000	4	2.25	1.5	0	0	5	8	1200	820	1925	0
433	314000	4	2.5	2	0	0	3	8	2340	0	2003	0
434	265000	2	1	1	0	0	3	6	770	0	1943	0
435	418500	4	2.5	2	0	0	3	7	2190	0	2009	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
431	98030	47.3865	-122.217	1492	8924	0	0	0
432	98126	47.5576	-122.376	1410	4840	1	1	1
433	98038	47.3781	-122.03	2980	6718	1	0	1
434	98106	47.5304	-122.356	920	5160	0	0	0
435	98059	47.4907	-122.152	2190	5670	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
431	#REF!	#REF!	#REF!	#REF!
432	#REF!	#REF!	#REF!	#REF!
433	#REF!	#REF!	#REF!	#REF!
434	#REF!	#REF!	#REF!	#REF!
435	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
431	#REF!	#REF!	-730.52	1983.30	29.3633	533665.82	3933472.45
432	#REF!	#REF!	139.48	-2100.70	46.3633	19453.46	4412947.31
433	#REF!	#REF!	459.48	2049.30	-31.6367	211117.88	4199623.84
434	#REF!	#REF!	-1110.52	-1780.70	28.3633	1233264.32	3170898.27
435	#REF!	#REF!	309.48	-2074.70	-36.6367	95775.18	4304386.82

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
431	862.20	4468000.47	2113.76
432	2149.56	4434550.32	2105.84
433	1000.88	4411742.60	2100.41
434	804.48	4404967.07	2098.80
435	1342.25	4401504.25	2097.98

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
436	3331500121	790	5150	67	1880.5243446	6940.701623	42.63670412	0.025134698	20150210T000000
437	1062100100	2100	4857	49	1880.5243446	6940.701623	42.63670412	0.018057158	20140626T000000
438	5651010300	1650	4859	26	1880.5243446	6940.701623	42.63670412	0.03136531	20140821T000000
439	8651442060	1570	4875	37	1880.5243446	6940.701623	42.63670412	0.027234863	20140611T000000
440	1324300398	1110	5000	68	1880.5243446	6940.701623	42.63670412	0.03051697	20150409T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
436	342888	2	1	1	0	0	4	6	790	0	1948	0
437	424000	4	2	2	0	0	3	8	2100	0	1965	1984
438	370000	3	2.25	2	0	0	3	7	1650	0	1988	0
439	214950	3	1.75	1	0	0	4	7	1310	260	1977	0
440	560000	3	1	1.5	0	0	3	7	1110	0	1947	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
436	98118	47.5528	-122.272	1460	5150	0	0	0
437	98155	47.7521	-122.279	1450	5965	1	0	1
438	98011	47.7729	-122.172	1890	5018	1	0	0
439	98042	47.3621	-122.094	1380	5200	0	1	0
440	98107	47.655	-122.359	1420	5000	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
436	#REF!	#REF!	#REF!	#REF!
437	#REF!	#REF!	#REF!	#REF!
438	#REF!	#REF!	#REF!	#REF!
439	#REF!	#REF!	#REF!	#REF!
440	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
436	#REF!	#REF!	-1090.52	-1790.70	24.3633	1189243.35	3206612.30
437	#REF!	#REF!	219.48	-2083.70	6.3633	48169.56	4341812.45
438	#REF!	#REF!	-230.52	-2081.70	-16.6367	53141.47	4333481.65
439	#REF!	#REF!	-310.52	-2065.70	-5.6367	96425.37	4267123.20
440	#REF!	#REF!	-770.52	-1940.70	25.3633	593707.77	3766322.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
436	593.57	4396449.22	2096.77
437	40.49	4390022.51	2095.24
438	276.78	4386899.90	2094.49
439	31.77	4363580.34	2088.92
440	643.30	4360673.85	2088.22

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
441	6204420290	2410	8960	36	1880.5243446	6940.701623	42.63670412	0.041855953	20141203T000000
442	3052700245	2640	5000	66	1880.5243446	6940.701623	42.63670412	0.008049138	20150325T000000
443	8691390280	3080	5250	11	1880.5243446	6940.701623	42.63670412	0.013374981	20140731T000000
444	9269200150	1440	4920	91	1880.5243446	6940.701623	42.63670412	0.025324411	20140715T000000
445	8851500050	1840	9009	50	1880.5243446	6940.701623	42.63670412	0.038123816	20150112T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
441	560000	5	2.5	1	0	0	5	7	1600	810	1978	0
442	750000	4	2	2	0	0	3	7	2040	600	1949	0
443	775000	4	3.5	2	0	0	3	9	3080	0	2003	0
444	390000	1	1.75	1	0	0	3	7	720	720	1923	0
445	262000	4	1.5	2	0	0	3	7	1840	0	1965	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
441	98011	47.7372	-122.2	2410	11514	0	1	0
442	98117	47.678	-122.375	1330	5000	1	1	0
443	98075	47.5992	-121.972	2980	5509	1	0	1
444	98126	47.534	-122.376	1440	4920	0	1	0
445	98198	47.406	-122.318	1390	8025	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
441	#REF!	#REF!	#REF!	#REF!
442	#REF!	#REF!	#REF!	#REF!
443	#REF!	#REF!	#REF!	#REF!
444	#REF!	#REF!	#REF!	#REF!
445	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
441	#REF!	#REF!	529.48	2019.30	-6.6367	280344.47	4077565.94
442	#REF!	#REF!	759.48	-1940.70	23.3633	576803.27	3766322.79
443	#REF!	#REF!	1199.48	-1690.70	-31.6367	1438741.85	2858471.98
444	#REF!	#REF!	-440.52	-2020.70	48.3633	194061.70	4083235.05
445	#REF!	#REF!	-40.52	2068.30	7.3633	1642.22	4277858.18

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
441	44.05	4357954.45	2087.57
442	545.84	4343671.90	2084.15
443	1000.88	4298214.71	2073.21
444	2339.01	4279635.76	2068.73
445	54.22	4279554.62	2068.71

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
446	9238900850	1760	4880	86	1880.5243446	6940.701623	42.63670412	0.006465575	20140919T000000
447	8121200530	1710	8998	32	1880.5243446	6940.701623	42.63670412	0.03627445	20141008T000000
448	7224500010	1220	5000	93	1880.5243446	6940.701623	42.63670412	0.002831972	20140603T000000
449	6678900140	2210	8955	41	1880.5243446	6940.701623	42.63670412	0.035658616	20150319T000000
450	4302200535	900	5160	62	1880.5243446	6940.701623	42.63670412	0.035871531	20140506T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
446	688000	3	1.5	1.5	0	3	3	8	1290	470	1928	0
447	479000	3	2.5	2	0	0	3	8	1710	0	1982	0
448	253000	2	1.75	1	0	0	5	7	860	360	1921	0
449	685000	3	1.75	1	0	1	3	8	1560	650	1974	0
450	219000	2	1	1	0	0	3	6	900	0	1952	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
446	98136	47.5334	-122.388	1840	4998	1	1	1
447	98052	47.7236	-122.11	1710	9859	1	0	1
448	98055	47.4906	-122.204	1120	5000	0	1	0
449	98033	47.6621	-122.189	2210	8976	0	1	1
450	98106	47.525	-122.356	900	5160	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
446	#REF!	#REF!	#REF!	#REF!
447	#REF!	#REF!	#REF!	#REF!
448	#REF!	#REF!	#REF!	#REF!
449	#REF!	#REF!	#REF!	#REF!
450	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
446	#REF!	#REF!	-120.52	-2060.70	43.3633	14526.12	4246491.18
447	#REF!	#REF!	-170.52	2057.30	-10.6367	29078.55	4232476.61
448	#REF!	#REF!	-660.52	-1940.70	50.3633	436292.41	3766322.79
449	#REF!	#REF!	329.48	2014.30	-1.6367	108554.21	4057397.95
450	#REF!	#REF!	-980.52	-1780.70	19.3633	961427.99	3170898.27

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
446	1880.38	4262897.67	2064.68
447	113.14	4261668.30	2064.38
448	2536.46	4205151.66	2050.65
449	2.68	4165954.84	2041.07
450	374.94	4132701.20	2032.90

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
451	5363200266	1200	5029	77	1880.5243446	6940.701623	42.63670412	0.029926057	20140623T000000
452	7300700050	1300	8879	65	1880.5243446	6940.701623	42.63670412	0.014586425	20150219T000000
453	6699940140	2470	5015	10	1880.5243446	6940.701623	42.63670412	0.042140105	20140908T000000
454	7923300115	1710	8947	58	1880.5243446	6940.701623	42.63670412	0.010874394	20141201T000000
455	7518507685	1100	5100	115	1880.5243446	6940.701623	42.63670412	0.028427657	20150223T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
451	420000	3	2	1	0	0	3	6	880	320	1937	0
452	325000	3	1	1	0	0	3	7	920	380	1950	0
453	352000	4	2.5	2	0	0	3	8	2470	0	2004	0
454	571900	4	1.75	1	0	0	4	7	1710	0	1956	0
455	400000	3	1	2	0	0	4	7	1100	0	1900	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
451	98115	47.6936	-122.294	1510	5854	0	1	0
452	98155	47.7465	-122.326	1530	6960	0	1	0
453	98038	47.3457	-122.041	2470	5100	1	0	1
454	98007	47.5947	-122.135	1360	10133	0	0	0
455	98117	47.679	-122.386	1540	5100	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
451	#REF!	#REF!	#REF!	#REF!
452	#REF!	#REF!	#REF!	#REF!
453	#REF!	#REF!	#REF!	#REF!
454	#REF!	#REF!	#REF!	#REF!
455	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
451	#REF!	#REF!	-680.52	-1911.70	34.3633	463113.38	3654603.10
452	#REF!	#REF!	-580.52	1938.30	22.3633	337008.51	3757000.60
453	#REF!	#REF!	589.48	-1925.70	-32.6367	347481.55	3708326.74
454	#REF!	#REF!	-170.52	2006.30	15.3633	29078.55	4025233.18
455	#REF!	#REF!	-780.52	-1840.70	72.3633	609218.25	3388182.46

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
451	1180.84	4118897.31	2029.51
452	500.12	4094509.23	2023.49
453	1065.15	4056873.44	2014.17
454	236.03	4054547.76	2013.59
455	5236.45	4002637.16	2000.66

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
456	5379804393	1960	8937	61	1880.5243446	6940.701623	42.63670412	0.037194795	20150217T000000
457	7550800015	1410	5000	91	1880.5243446	6940.701623	42.63670412	0.019759364	20140714T000000
458	9368700270	1160	5082	73	1880.5243446	6940.701623	42.63670412	0.022786347	20150401T000000
459	3630120880	3310	5558	10	1880.5243446	6940.701623	42.63670412	0.041444846	20150227T000000
460	5104650020	2530	8820	18	1880.5243446	6940.701623	42.63670412	0.037557139	20150505T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
456	325000	4	2.75	1	0	0	5	7	980	980	1954	0
457	550000	3	1.75	1	0	0	4	7	810	600	1923	0
458	137900	3	1.75	1	0	0	3	6	580	580	1942	0
459	780000	3	3.5	2	0	0	3	9	3310	0	2005	0
460	429000	3	2.5	2	0	0	3	8	2530	0	1997	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
456	98188	47.451	-122.278	1480	10016	0	1	0
457	98107	47.6727	-122.395	1760	5000	0	1	0
458	98178	47.503	-122.262	1730	6000	0	1	0
459	98029	47.5553	-122.003	3310	5270	1	0	1
460	98031	47.42	-122.205	2340	9472	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
456	#REF!	#REF!	#REF!	#REF!
457	#REF!	#REF!	#REF!	#REF!
458	#REF!	#REF!	#REF!	#REF!
459	#REF!	#REF!	#REF!	#REF!
460	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
456	#REF!	#REF!	79.48	1996.30	18.3633	6316.38	3985207.21
457	#REF!	#REF!	-470.52	-1940.70	48.3633	221393.16	3766322.79
458	#REF!	#REF!	-720.52	-1858.70	30.3633	519155.33	3454771.72
459	#REF!	#REF!	1429.48	-1382.70	-32.6367	2043400.65	1911863.78
460	#REF!	#REF!	649.48	1879.30	-24.6367	421818.63	3531762.39

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
456	337.21	3991860.80	1997.96
457	2339.01	3990054.96	1997.51
458	921.93	3974848.98	1993.70
459	1065.15	3956329.58	1989.05
460	606.97	3954187.98	1988.51

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
461	6619910260	2090	8910	40	1880.5243446	6940.701623	42.63670412	0.038261276	20150407T000000
462	7299601460	2242	4995	3	1880.5243446	6940.701623	42.63670412	0.040146104	20140623T000000
463	4174600386	2270	5001	26	1880.5243446	6940.701623	42.63670412	0.028299814	20150414T000000
464	8651402700	1060	5144	45	1880.5243446	6940.701623	42.63670412	0.028383306	20141028T000000
465	3876301140	3550	7992	46	1880.5243446	6940.701623	42.63670412	0.037655363	20141105T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
461	536650	3	1.75	1	0	0	3	8	1230	860	1975	0
462	329900	3	2.5	2	0	0	3	8	2242	0	2011	0
463	310000	5	3	1	0	0	3	7	1360	910	1989	0
464	202950	2	1	1	0	0	5	6	1060	0	1969	0
465	575000	5	2.25	2	0	0	3	8	3550	0	1968	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
461	98034	47.7149	-122.222	2310	10695	0	1	1
462	98092	47.2595	-122.202	1798	4942	1	0	1
463	98108	47.5539	-122.3	1950	5500	0	1	0
464	98042	47.3613	-122.088	1130	5200	0	0	0
465	98034	47.7285	-122.179	2110	7992	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
461	#REF!	#REF!	#REF!	#REF!
462	#REF!	#REF!	#REF!	#REF!
463	#REF!	#REF!	#REF!	#REF!
464	#REF!	#REF!	#REF!	#REF!
465	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
461	#REF!	#REF!	209.48	1969.30	-2.6367	43880.05	3878136.10
462	#REF!	#REF!	361.48	-1945.70	-39.6367	130664.65	3785754.81
463	#REF!	#REF!	389.48	-1939.70	-16.6367	151691.29	3762442.39
464	#REF!	#REF!	-820.52	-1796.70	2.3633	673260.20	3228136.72
465	#REF!	#REF!	1669.48	1051.30	3.3633	2787148.96	1105228.28

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
461	6.95	3922023.10	1980.41
462	1571.07	3917990.52	1979.39
463	276.78	3914410.45	1978.49
464	5.59	3901402.51	1975.20
465	11.31	3892388.55	1972.91

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
466	8651410090	840	5265	46	1880.5243446	6940.701623	42.63670412	0.000938014	20150508T000000
467	3905080730	2050	4976	21	1880.5243446	6940.701623	42.63670412	0.015278425	20150223T000000
468	1868903130	1540	5000	93	1880.5243446	6940.701623	42.63670412	0.031402971	20150212T000000
469	9238901420	1190	5100	74	1880.5243446	6940.701623	42.63670412	0.013279417	20150202T000000
470	59000250	2180	5000	73	1880.5243446	6940.701623	42.63670412	0.028176707	20141203T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
466	209000	2	1	1	0	0	5	6	840	0	1969	0
467	535500	3	2.5	2	0	0	3	8	2050	0	1994	0
468	542000	4	1	1.5	0	0	4	7	1090	450	1922	0
469	442000	3	1	1	0	0	4	7	1030	160	1941	0
470	720000	3	1.5	1	0	3	4	8	1090	1090	1941	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
466	98042	47.3644	-122.082	920	5100	0	0	0
467	98029	47.5689	-121.995	2050	5153	1	0	1
468	98115	47.6754	-122.294	1590	5000	1	1	0
469	98136	47.5346	-122.385	1690	5100	0	1	0
470	98116	47.5787	-122.402	2070	5000	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
466	#REF!	#REF!	#REF!	#REF!
467	#REF!	#REF!	#REF!	#REF!
468	#REF!	#REF!	#REF!	#REF!
469	#REF!	#REF!	#REF!	#REF!
470	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
466	#REF!	#REF!	-1040.52	-1675.70	3.3633	1082690.91	2807975.93
467	#REF!	#REF!	169.48	-1964.70	-21.6367	28722.00	3860052.47
468	#REF!	#REF!	-340.52	-1940.70	50.3633	115956.83	3766322.79
469	#REF!	#REF!	-690.52	-1840.70	31.3633	476823.87	3388182.46
470	#REF!	#REF!	299.48	-1940.70	30.3633	89685.67	3766322.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
466	11.31	3890678.15	1972.48
467	468.15	3889242.61	1972.12
468	2536.46	3884816.08	1970.99
469	983.66	3865989.99	1966.21
470	921.93	3856930.39	1963.91

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
471	9393700140	1150	5120	69	1880.5243446	6940.701623	42.63670412	0.01398965	20150310T000000
472	1997200165	2170	5001	0	1880.5243446	6940.701623	42.63670412	0.019381925	20140916T000000
473	1454100056	1600	5001	84	1880.5243446	6940.701623	42.63670412	0.025340351	20140715T000000
474	5332200320	2140	5000	84	1880.5243446	6940.701623	42.63670412	0.001351618	20140714T000000
475	461004095	1620	5000	60	1880.5243446	6940.701623	42.63670412	0.008893216	20140721T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
471	420000	3	1	1	0	0	4	6	800	350	1946	0
472	802000	3	2.25	2	0	0	3	8	2170	0	2014	0
473	355000	3	1	1.5	0	0	5	6	1080	520	1930	0
474	675000	2	1.75	1	0	0	3	7	1000	1140	1930	1991
475	514000	3	1.75	1	0	0	3	7	920	700	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
471	98116	47.5588	-122.392	1220	5120	0	1	0
472	98103	47.6937	-122.338	1700	6991	1	0	1
473	98125	47.7232	-122.289	1340	5001	1	1	0
474	98112	47.6284	-122.291	2250	4000	0	1	0
475	98117	47.681	-122.372	1610	5000	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
471	#REF!	#REF!	#REF!	#REF!
472	#REF!	#REF!	#REF!	#REF!
473	#REF!	#REF!	#REF!	#REF!
474	#REF!	#REF!	#REF!	#REF!
475	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
471	#REF!	#REF!	-730.52	-1820.70	26.3633	533665.82	3314954.40
472	#REF!	#REF!	289.48	-1939.70	-42.6367	83796.16	3762442.39
473	#REF!	#REF!	-280.52	-1939.70	41.3633	78693.91	3762442.39
474	#REF!	#REF!	259.48	-1940.70	41.3633	67327.62	3766322.79
475	#REF!	#REF!	-260.52	-1940.70	17.3633	67872.93	3766322.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
471	695.02	3849315.24	1961.97
472	1817.89	3848056.43	1961.65
473	1710.92	3842847.22	1960.32
474	1710.92	3835361.33	1958.41
475	301.48	3834497.21	1958.19

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
476	5101405465	1590	5009	30	1880.5243446	6940.701623	42.63670412	0.030970913	20150203T000000
477	7853230200	2480	5082	11	1880.5243446	6940.701623	42.63670412	0.021728796	20150309T000000
478	2064800600	1270	8792	46	1880.5243446	6940.701623	42.63670412	0.039258583	20150109T000000
479	5541300135	2610	5140	8	1880.5243446	6940.701623	42.63670412	0.008146617	20140708T000000
480	3305100210	3070	8474	3	1880.5243446	6940.701623	42.63670412	0.018995971	20141021T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
476	463000	3	2	2	0	0	4	6	1590	0	1985	0
477	470000	3	2.5	2	0	0	3	7	2480	0	2004	0
478	367500	3	1	1	0	0	5	7	1270	0	1969	0
479	674600	4	2.5	2	0	0	3	8	2610	0	2006	0
480	825000	5	3	2	0	0	3	9	3070	0	2011	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
476	98125	47.7012	-122.322	1730	6380	1	0	0
477	98065	47.5297	-121.846	2480	5874	1	0	0
478	98056	47.5351	-122.174	1780	8792	0	0	0
479	98103	47.6951	-122.346	1190	5101	1	0	1
480	98033	47.6852	-122.184	3070	8527	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
476	#REF!	#REF!	#REF!	#REF!
477	#REF!	#REF!	#REF!	#REF!
478	#REF!	#REF!	#REF!	#REF!
479	#REF!	#REF!	#REF!	#REF!
480	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
476	#REF!	#REF!	-290.52	-1931.70	-12.6367	84404.39	3731471.16
477	#REF!	#REF!	599.48	-1858.70	-31.6367	359371.06	3454771.72
478	#REF!	#REF!	-610.52	1851.30	3.3633	372739.98	3427305.68
479	#REF!	#REF!	729.48	-1800.70	-34.6367	532134.73	3242526.33
480	#REF!	#REF!	1189.48	1533.30	-39.6367	1414852.33	2351003.91

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
476	159.69	3816035.24	1953.47
477	1000.88	3815143.67	1953.24
478	11.31	3800056.97	1949.37
479	1199.70	3775860.77	1943.16
480	1571.07	3767427.32	1940.99

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
481	3331001910	1170	5150	107	1880.5243446	6940.701623	42.63670412	0.01730321	20140818T000000
482	7732410380	2770	8642	27	1880.5243446	6940.701623	42.63670412	0.006948929	20140604T000000
483	4037400295	2530	8736	56	1880.5243446	6940.701623	42.63670412	0.021346875	20140730T000000
484	2998800040	2250	8800	89	1880.5243446	6940.701623	42.63670412	0.032042639	20140613T000000
485	2473101190	1530	8800	48	1880.5243446	6940.701623	42.63670412	7.31E-6	20150427T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
481	312000	2	1	1	0	0	3	6	980	190	1907	0
482	907500	4	2.5	2	0	0	4	9	2770	0	1987	0
483	618000	4	2.25	1	0	0	4	7	1210	1320	1958	0
484	589000	3	2	1	0	0	4	7	1250	1000	1925	0
485	279950	3	1.75	1	0	0	4	7	1040	490	1967	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
481	98118	47.5503	-122.283	1660	5150	0	1	0
482	98007	47.6599	-122.146	2670	9000	1	0	1
483	98008	47.6049	-122.126	1720	8500	0	1	0
484	98116	47.5737	-122.409	2250	4800	0	1	0
485	98058	47.4483	-122.158	1530	8690	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
481	#REF!	#REF!	#REF!	#REF!
482	#REF!	#REF!	#REF!	#REF!
483	#REF!	#REF!	#REF!	#REF!
484	#REF!	#REF!	#REF!	#REF!
485	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
481	#REF!	#REF!	-710.52	-1790.70	64.3633	504844.84	3206612.30
482	#REF!	#REF!	889.48	1701.30	-15.6367	791166.94	2894416.17
483	#REF!	#REF!	649.48	1795.30	13.3633	421818.63	3223096.26
484	#REF!	#REF!	369.48	1859.30	46.3633	136512.26	3456990.45
485	#REF!	#REF!	-350.52	1859.30	5.3633	122867.32	3456990.45

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
481	4142.63	3715599.78	1927.59
482	244.51	3685827.62	1919.85
483	178.58	3645093.47	1909.21
484	2149.56	3595652.27	1896.22
485	28.76	3579886.54	1892.06

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
486	2641800060	940	8571	65	1880.5243446	6940.701623	42.63670412	0.026728047	20150427T000000
487	7853320470	2550	8698	7	1880.5243446	6940.701623	42.63670412	0.041270143	20140611T000000
488	9485760050	1390	5127	24	1880.5243446	6940.701623	42.63670412	0.007018158	20140826T000000
489	1023059246	2580	5200	6	1880.5243446	6940.701623	42.63670412	0.027589234	20140514T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
486	239000	3	1	1	0	0	3	6	940	0	1950	0
487	516000	4	3.5	2	0	0	3	7	2550	0	2007	0
488	297950	3	2	1	0	0	3	8	1390	0	1990	0
489	437000	3	2.75	2	0	0	3	8	2580	0	2008	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
486	98146	47.5006	-122.336	1100	8573	0	0	0
487	98065	47.5216	-121.869	2430	5519	1	0	0
488	98055	47.4504	-122.206	1960	5019	0	0	1
489	98059	47.496	-122.151	2700	5602	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
486	#REF!	#REF!	#REF!	#REF!
487	#REF!	#REF!	#REF!	#REF!
488	#REF!	#REF!	#REF!	#REF!
489	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
486	#REF!	#REF!	-940.52	1630.30	22.3633	884586.04	2657872.80
487	#REF!	#REF!	669.48	1757.30	-35.6367	448197.65	3088097.59
488	#REF!	#REF!	-490.52	-1813.70	-18.6367	240614.13	3289513.58
489	#REF!	#REF!	699.48	-1740.70	-36.6367	489266.19	3030042.14

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
486	500.12	3542958.96	1882.27
487	1269.97	3537565.21	1880.84
488	347.33	3530475.04	1878.96
489	1342.25	3520650.58	1876.34

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
490	312000135	1480	5120	63	1880.5243446	6940.701623	42.63670412	0.011213758	20140520T000000
491	1239400064	2850	8526	17	1880.5243446	6940.701623	42.63670412	0.036360906	20150304T000000
492	5560000480	840	8470	53	1880.5243446	6940.701623	42.63670412	0.028397699	20140908T000000
493	7203600530	2600	5238	25	1880.5243446	6940.701623	42.63670412	0.033121202	20140529T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
490	483945	2	1.75	1	0	0	4	6	840	640	1951	0
491	895000	4	2.5	2	0	0	3	9	2850	0	1998	0
492	169950	3	1	1	0	0	4	6	840	0	1961	0
493	525000	3	3	1.5	0	3	3	9	1890	710	1989	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
490	98116	47.558	-122.392	1090	5120	0	1	0
491	98033	47.6747	-122.191	2440	7072	1	0	1
492	98023	47.3275	-122.338	840	8450	0	0	0
493	98198	47.3448	-122.327	2220	4853	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
490	#REF!	#REF!	#REF!	#REF!
491	#REF!	#REF!	#REF!	#REF!
492	#REF!	#REF!	#REF!	#REF!
493	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
490	#REF!	#REF!	-400.52	-1820.70	20.3633	160419.75	3314954.40
491	#REF!	#REF!	969.48	1585.30	-25.6367	939883.05	2513170.94
492	#REF!	#REF!	-1040.52	1529.30	10.3633	1082690.91	2338753.53
493	#REF!	#REF!	719.48	-1702.70	-17.6367	517645.22	2899192.82

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
490	414.66	3475788.81	1864.35
491	657.24	3453711.23	1858.42
492	107.40	3421551.84	1849.74
493	311.05	3417149.09	1848.55

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
494	6385910260	1800	8786	48	1880.5243446	6940.701623	42.63670412	0.039394233	20140910T000000
495	4302200625	1790	5120	65	1880.5243446	6940.701623	42.63670412	0.026497202	20140924T000000
496	4039300810	1200	5252	52	1880.5243446	6940.701623	42.63670412	0.020578397	20141117T000000
497	5104520150	2800	8494	10	1880.5243446	6940.701623	42.63670412	0.031901023	20140520T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
494	272750	4	1.5	1	0	0	3	7	1330	470	1966	0
495	335000	3	1.75	1	0	0	4	6	940	850	1949	0
496	427000	3	1	1	0	0	3	7	1200	0	1962	0
497	426000	4	2.5	2	0	0	3	8	2800	0	2004	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
494	98146	47.4982	-122.345	1780	8664	0	1	0
495	98106	47.5277	-122.355	1160	5120	0	1	0
496	98007	47.6075	-122.134	1800	7920	0	0	0
497	98038	47.3521	-122.009	3740	8494	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
494	#REF!	#REF!	#REF!	#REF!
495	#REF!	#REF!	#REF!	#REF!
496	#REF!	#REF!	#REF!	#REF!
497	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
494	#REF!	#REF!	-80.52	1845.30	5.3633	6484.17	3405126.10
495	#REF!	#REF!	-90.52	-1820.70	22.3633	8194.66	3314954.40
496	#REF!	#REF!	-680.52	-1688.70	9.3633	463113.38	2851713.17
497	#REF!	#REF!	919.48	1553.30	-32.6367	845435.48	2412735.85

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
494	28.76	3411639.04	1847.06
495	500.12	3323649.17	1823.09
496	87.67	3314914.23	1820.69
497	1065.15	3259236.48	1805.34

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
498	1954440060	1900	8744	27	1880.5243446	6940.701623	42.63670412	0.032115369	20140505T000000
499	1112000035	1000	5375	62	1880.5243446	6940.701623	42.63670412	0.013309195	20150311T000000
500	1568100225	1040	8526	61	1880.5243446	6940.701623	42.63670412	0.0358439	20141204T000000
501	2021200058	2310	5200	75	1880.5243446	6940.701623	42.63670412	0.020441378	20150423T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
498	560000	3	2.5	2	0	0	3	8	1900	0	1987	0
499	420000	2	1	1	0	0	3	7	1000	0	1953	0
500	343000	2	1.5	1	0	0	5	6	1040	0	1953	0
501	785000	3	2.75	1	0	0	4	7	1520	790	1940	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
498	98074	47.62	-122.043	2030	8744	1	0	1
499	98118	47.5404	-122.268	1380	5000	0	0	0
500	98155	47.7349	-122.295	1310	8504	0	0	0
501	98199	47.6357	-122.397	2310	5200	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
498	#REF!	#REF!	#REF!	#REF!
499	#REF!	#REF!	#REF!	#REF!
500	#REF!	#REF!	#REF!	#REF!
501	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
498	#REF!	#REF!	19.48	1803.30	-15.6367	379.30	3251885.04
499	#REF!	#REF!	-880.52	-1565.70	19.3633	775323.12	2451421.57
500	#REF!	#REF!	-840.52	1585.30	18.3633	706481.17	2513170.94
501	#REF!	#REF!	429.48	-1740.70	32.3633	184449.34	3030042.14

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
498	244.51	3252508.84	1803.47
499	374.94	3227119.63	1796.42
500	337.21	3219989.33	1794.43
501	1047.38	3215538.86	1793.19

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
502	7016000440	2500	8621	46	1880.5243446	6940.701623	42.63670412	0.006886565	20140716T000000
503	2249800080	1630	8702	27	1880.5243446	6940.701623	42.63670412	0.043414229	20140523T000000
504	1238500978	950	8450	52	1880.5243446	6940.701623	42.63670412	0.033804934	20140922T000000
505	2843200085	1910	8710	61	1880.5243446	6940.701623	42.63670412	0.043736789	20150217T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
502	525000	5	2.25	1.5	0	0	4	7	2500	0	1968	0
503	445000	3	2	1	0	0	3	9	1630	0	1987	0
504	365000	3	1	1	0	0	3	7	950	0	1962	0
505	260000	3	1	1	0	0	3	7	1080	830	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
502	98034	47.7379	-122.185	1980	7395	1	0	0
503	98056	47.5168	-122.193	2250	9890	0	0	1
504	98033	47.6884	-122.186	1610	10080	0	0	0
505	98168	47.5038	-122.3	1460	8944	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
502	#REF!	#REF!	#REF!	#REF!
503	#REF!	#REF!	#REF!	#REF!
504	#REF!	#REF!	#REF!	#REF!
505	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
502	#REF!	#REF!	619.48	1680.30	3.3633	383750.09	2823402.64
503	#REF!	#REF!	-250.52	1761.30	-15.6367	62762.45	3102171.97
504	#REF!	#REF!	-930.52	1509.30	9.3633	865875.56	2277981.59
505	#REF!	#REF!	29.48	1769.30	18.3633	868.81	3130416.75

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
502	11.31	3207164.04	1790.86
503	244.51	3165178.93	1779.09
504	87.67	3143944.82	1773.12
505	337.21	3131622.77	1769.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
506	3528900160	1370	5250	75	1880.5243446	6940.701623	42.63670412	0.021967561	20141001T000000
507	3677400445	2480	5280	67	1880.5243446	6940.701623	42.63670412	0.003950878	20140902T000000
508	241900020	2740	5400	9	1880.5243446	6940.701623	42.63670412	0.032293187	20140718T000000
509	8146100610	1220	8573	60	1880.5243446	6940.701623	42.63670412	0.02019871	20141201T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
506	655000	3	1	1	0	0	3	7	1070	300	1939	0
507	475000	3	1.5	1.5	0	0	5	7	1620	860	1947	0
508	378800	5	2.5	2	0	0	3	8	2740	0	2005	0
509	672000	3	1	1	0	0	4	7	1220	0	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
506	98109	47.6421	-122.348	2410	4200	0	1	0
507	98108	47.5575	-122.303	2090	4800	1	1	0
508	98031	47.4036	-122.205	2900	5476	1	0	1
509	98004	47.6088	-122.193	1390	8573	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
506	#REF!	#REF!	#REF!	#REF!
507	#REF!	#REF!	#REF!	#REF!
508	#REF!	#REF!	#REF!	#REF!
509	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
506	#REF!	#REF!	-510.52	-1690.70	32.3633	260635.11	2858471.98
507	#REF!	#REF!	599.48	-1660.70	24.3633	359371.06	2757929.88
508	#REF!	#REF!	859.48	-1540.70	-33.6367	738698.40	2373761.49
509	#REF!	#REF!	-660.52	1632.30	17.3633	436292.41	2664397.99

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
506	1047.38	3120154.47	1766.40
507	593.57	3117894.51	1765.76
508	1131.43	3113591.32	1764.54
509	301.48	3100991.89	1760.96

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
510	8946390040	3206	5793	2	1880.5243446	6940.701623	42.63670412	0.034434547	20140508T000000
511	2970800145	2080	5200	41	1880.5243446	6940.701623	42.63670412	0.02757638	20150407T000000
512	8113101582	2310	5249	15	1880.5243446	6940.701623	42.63670412	0.000421497	20150415T000000
513	5680000545	1750	5202	72	1880.5243446	6940.701623	42.63670412	0.022065439	20141203T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
510	375000	6	2.25	2	0	0	3	7	3206	0	2012	0
511	350500	3	1.75	1	0	0	3	7	1040	1040	1974	0
512	515000	5	3.5	2	0	0	3	8	1560	750	2000	0
513	330000	4	2	1	0	1	4	6	1070	680	1942	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
510	98032	47.369	-122.287	2527	5804	1	0	0
511	98166	47.4738	-122.35	1410	6550	0	1	0
512	98118	47.5463	-122.272	1900	7296	1	1	1
513	98108	47.5677	-122.317	2090	5400	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
510	#REF!	#REF!	#REF!	#REF!
511	#REF!	#REF!	#REF!	#REF!
512	#REF!	#REF!	#REF!	#REF!
513	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
510	#REF!	#REF!	1325.48	-1147.70	-40.6367	1756885.71	1317219.02
511	#REF!	#REF!	199.48	-1740.70	-1.6367	39790.54	3030042.14
512	#REF!	#REF!	429.48	-1691.70	-27.6367	184449.34	2861854.38
513	#REF!	#REF!	-130.52	-1738.70	29.3633	17036.60	3023083.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
510	1651.34	3075756.07	1753.78
511	2.68	3069835.36	1752.09
512	763.79	3047067.51	1745.59
513	862.20	3040982.14	1743.84

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
514	7555210340	2360	8616	40	1880.5243446	6940.701623	42.63670412	0.029293669	20140825T000000
515	7399300120	1480	8625	40	1880.5243446	6940.701623	42.63670412	0.038828386	20140502T000000
516	9577800005	2780	5467	14	1880.5243446	6940.701623	42.63670412	0.02728562	20141022T000000
517	4139440460	2660	8469	20	1880.5243446	6940.701623	42.63670412	0.021494511	20141118T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
514	752500	4	2.25	2	0	0	4	8	2360	0	1974	0
515	260000	4	2	1	0	0	4	7	1480	0	1974	0
516	775000	3	2.5	2	0	2	3	9	2780	0	2000	0
517	751305	4	2.5	2	0	0	3	10	2660	0	1994	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
514	98033	47.6495	-122.198	2360	9337	1	0	1
515	98055	47.462	-122.193	2130	8502	0	0	0
516	98126	47.5791	-122.378	2630	5000	1	0	1
517	98006	47.5529	-122.12	2920	10697	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
514	#REF!	#REF!	#REF!	#REF!
515	#REF!	#REF!	#REF!	#REF!
516	#REF!	#REF!	#REF!	#REF!
517	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
514	#REF!	#REF!	479.48	1675.30	-2.6367	229896.90	2806624.65
515	#REF!	#REF!	-400.52	1684.30	-2.6367	160419.75	2836861.02
516	#REF!	#REF!	899.48	-1473.70	-28.6367	809056.45	2171796.47
517	#REF!	#REF!	779.48	1528.30	-22.6367	607582.30	2335695.93

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
514	6.95	3036528.51	1742.56
515	6.95	2997287.73	1731.27
516	820.06	2981672.99	1726.75
517	512.42	2943790.65	1715.75

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
518	8945100320	1420	8580	52	1880.5243446	6940.701623	42.63670412	0.03986277	20140506T000000
519	84000105	2060	8632	52	1880.5243446	6940.701623	42.63670412	0.004934729	20140507T000000
520	254000241	2220	5279	9	1880.5243446	6940.701623	42.63670412	0.008788097	20150324T000000
521	9198600035	2210	8594	55	1880.5243446	6940.701623	42.63670412	0.012451407	20140805T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
518	136500	3	1.5	1	0	0	3	6	1420	0	1962	0
519	255000	5	2.25	1	0	0	3	7	1030	1030	1962	0
520	540000	3	2.5	2	0	0	3	8	2220	0	2006	0
521	240000	6	1.75	1	0	0	3	7	1310	900	1959	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
518	98023	47.3076	-122.362	1200	8580	0	0	0
519	98146	47.4877	-122.335	1010	11680	0	1	0
520	98146	47.5132	-122.387	1610	5297	1	0	1
521	98188	47.4594	-122.273	1850	8594	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
518	#REF!	#REF!	#REF!	#REF!
519	#REF!	#REF!	#REF!	#REF!
520	#REF!	#REF!	#REF!	#REF!
521	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
518	#REF!	#REF!	-460.52	1639.30	9.3633	212082.67	2687299.17
519	#REF!	#REF!	179.48	1691.30	9.3633	32211.51	2860490.20
520	#REF!	#REF!	339.48	-1661.70	-33.6367	115243.72	2761252.28
521	#REF!	#REF!	329.48	1653.30	12.3633	108554.21	2733395.52

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
518	87.67	2899469.51	1702.78
519	87.67	2892789.38	1700.82
520	1131.43	2877627.43	1696.36
521	152.85	2842102.58	1685.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
522	5727000010	2120	5293	11	1880.5243446	6940.701623	42.63670412	0.041850577	20141215T000000
523	6306800010	2692	8392	0	1880.5243446	6940.701623	42.63670412	0.019295987	20140811T000000
524	4229900140	720	5750	71	1880.5243446	6940.701623	42.63670412	0.001271732	20141006T000000
525	1432900240	1610	8579	53	1880.5243446	6940.701623	42.63670412	0.024357819	20150508T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
522	319990	4	2.5	2	0	0	3	7	2120	0	2003	0
523	436472	4	2.5	2	0	0	3	9	2692	0	2014	0
524	310000	2	1	1	0	0	2	6	720	0	1943	0
525	205000	3	1	1	0	0	4	7	1010	600	1962	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
522	98031	47.4217	-122.201	1990	5313	1	0	0
523	98030	47.3519	-122.197	2574	14446	1	0	1
524	98136	47.5535	-122.393	980	6125	0	0	0
525	98058	47.4563	-122.171	1610	8579	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
522	#REF!	#REF!	#REF!	#REF!
523	#REF!	#REF!	#REF!	#REF!
524	#REF!	#REF!	#REF!	#REF!
525	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
522	#REF!	#REF!	239.48	-1647.70	-31.6367	57348.59	2714920.64
523	#REF!	#REF!	811.48	1451.30	-42.6367	658492.74	2106266.98
524	#REF!	#REF!	-1160.52	-1190.70	28.3633	1346816.75	1417770.35
525	#REF!	#REF!	-270.52	1638.30	10.3633	73183.42	2684021.57

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
522	1000.88	2773270.11	1665.31
523	1817.89	2766577.61	1663.30
524	804.48	2765391.59	1662.95
525	107.40	2757312.39	1660.52

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
526	726059047	920	8282	70	1880.5243446	6940.701623	42.63670412	0.038223923	20141216T000000
527	6821102170	2210	8556	60	1880.5243446	6940.701623	42.63670412	0.000332856	20140507T000000
528	2123049114	680	8064	73	1880.5243446	6940.701623	42.63670412	0.036149403	20140519T000000
529	3500100025	1370	8499	65	1880.5243446	6940.701623	42.63670412	0.002759962	20140628T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
526	310000	1	1	1.5	0	0	3	6	920	0	1944	1980
527	794154	4	2	1	0	1	4	8	1210	1000	1954	0
528	110700	2	1	1	0	0	3	6	680	0	1941	0
529	300000	4	1	1	0	0	3	7	1370	0	1949	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
526	98011	47.761	-122.214	2260	14025	1	0	0
527	98199	47.6498	-122.396	2190	7975	0	1	1
528	98188	47.469	-122.298	1340	10800	0	0	0
529	98155	47.736	-122.301	1370	8187	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
526	#REF!	#REF!	#REF!	#REF!
527	#REF!	#REF!	#REF!	#REF!
528	#REF!	#REF!	#REF!	#REF!
529	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
526	#REF!	#REF!	-960.52	1341.30	27.3633	922607.02	1799081.34
527	#REF!	#REF!	329.48	1615.30	17.3633	108554.21	2609188.85
528	#REF!	#REF!	-1200.52	1123.30	30.3633	1441258.70	1261799.24
529	#REF!	#REF!	-510.52	1558.30	22.3633	260635.11	2428293.83

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
526	748.75	2722437.10	1649.98
527	301.48	2718044.54	1648.65
528	921.93	2703979.88	1644.38
529	500.12	2689429.06	1639.95

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
530	7390400026	1850	8580	54	1880.5243446	6940.701623	42.63670412	0.000759008	20141124T000000
531	5411600180	2970	5722	9	1880.5243446	6940.701623	42.63670412	0.005024327	20141224T000000
532	2641800015	960	8291	64	1880.5243446	6940.701623	42.63670412	0.03503563	20141124T000000
533	3319500385	1580	5340	67	1880.5243446	6940.701623	42.63670412	0.013102776	20140616T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
530	315000	4	1.75	1	0	0	3	7	1140	710	1960	0
531	715000	4	2.5	2	0	0	3	9	2970	0	2005	0
532	158800	3	1	1	0	0	3	6	960	0	1950	0
533	400000	4	1.75	1	0	0	3	7	1130	450	1947	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
530	98178	47.4877	-122.24	2210	9240	0	1	0
531	98074	47.6134	-122.042	3940	4848	1	0	1
532	98146	47.5006	-122.334	1110	8231	0	0	0
533	98144	47.6003	-122.306	830	980	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
530	#REF!	#REF!	#REF!	#REF!
531	#REF!	#REF!	#REF!	#REF!
532	#REF!	#REF!	#REF!	#REF!
533	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
530	#REF!	#REF!	-30.52	1639.30	11.3633	931.74	2687299.17
531	#REF!	#REF!	1089.48	-1218.70	-33.6367	1186957.20	1485233.65
532	#REF!	#REF!	-920.52	1350.30	21.3633	847365.07	1823305.71
533	#REF!	#REF!	-300.52	-1600.70	24.3633	90314.88	2562245.69

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
530	129.12	2688360.03	1639.62
531	1131.43	2673322.28	1635.03
532	456.39	2671127.17	1634.36
533	593.57	2653154.14	1628.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
534	808300310	2130	5337	14	1880.5243446	6940.701623	42.63670412	0.0062123	20150313T000000
535	740500070	1460	8505	59	1880.5243446	6940.701623	42.63670412	0.030123412	20141006T000000
536	2085200545	840	5700	69	1880.5243446	6940.701623	42.63670412	0.0000873	20140821T000000
537	8564860270	2680	5539	2	1880.5243446	6940.701623	42.63670412	0.021260324	20150330T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
534	389000	4	2.25	2	0	0	3	7	2130	0	2001	0
535	265000	3	1.5	1	0	0	4	7	1460	0	1955	0
536	180000	3	1	1	0	0	4	5	840	0	1945	0
537	502000	4	2.5	2	0	0	3	8	2680	0	2013	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
534	98019	47.7237	-121.959	2300	6930	1	0	0
535	98055	47.4402	-122.195	1580	8505	0	0	0
536	98038	47.3948	-122.028	1430	12600	0	0	0
537	98045	47.4759	-121.734	2680	5992	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
534	#REF!	#REF!	#REF!	#REF!
535	#REF!	#REF!	#REF!	#REF!
536	#REF!	#REF!	#REF!	#REF!
537	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
534	#REF!	#REF!	249.48	-1603.70	-28.6367	62238.10	2571858.90
535	#REF!	#REF!	-420.52	1564.30	16.3633	176840.72	2447029.41
536	#REF!	#REF!	-1040.52	-1240.70	26.3633	1082690.91	1539340.52
537	#REF!	#REF!	799.48	-1401.70	-40.6367	639161.32	1964767.44

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
534	820.06	2634917.06	1623.24
535	267.76	2624137.89	1619.92
536	695.02	2622726.45	1619.48
537	1651.34	2605580.11	1614.18

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
538	1123049232	2690	5557	2	1880.5243446	6940.701623	42.63670412	0.041548167	20140606T000000
539	5255200220	2020	8531	49	1880.5243446	6940.701623	42.63670412	0.029991224	20141205T000000
540	7960100120	1480	5400	100	1880.5243446	6940.701623	42.63670412	0.011968826	20140612T000000
541	7129302185	950	5650	71	1880.5243446	6940.701623	42.63670412	0.042974242	20141215T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
538	279000	5	2.5	2	0	0	3	7	2690	0	2012	0
539	405000	3	1.75	1	0	0	3	7	2020	0	1965	0
540	600000	3	2.25	2	0	0	4	8	1480	0	1914	0
541	290000	2	1	1	0	0	5	6	950	0	1943	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
538	98178	47.4914	-122.253	2090	10500	1	0	0
539	98011	47.7691	-122.199	1950	8449	0	0	0
540	98122	47.6095	-122.296	1280	3600	1	0	1
541	98118	47.5149	-122.257	1250	5650	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
538	#REF!	#REF!	#REF!	#REF!
539	#REF!	#REF!	#REF!	#REF!
540	#REF!	#REF!	#REF!	#REF!
541	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
538	#REF!	#REF!	809.48	-1383.70	-40.6367	655250.84	1914630.18
539	#REF!	#REF!	139.48	1590.30	6.3633	19453.46	2529048.93
540	#REF!	#REF!	-400.52	-1540.70	57.3633	160419.75	2373761.49
541	#REF!	#REF!	-930.52	-1290.70	28.3633	865875.56	1665910.68

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
538	1651.34	2571532.36	1603.60
539	40.49	2548542.88	1596.42
540	3290.55	2537471.79	1592.94
541	804.48	2532590.71	1591.41

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
542	6150200280	1810	8527	71	1880.5243446	6940.701623	42.63670412	0.012353584	20140821T000000
543	5700001920	3060	8000	93	1880.5243446	6940.701623	42.63670412	0.017924054	20150219T000000
544	7686205370	1830	5375	52	1880.5243446	6940.701623	42.63670412	0.00506412	20141124T000000
545	3448900320	2610	5562	1	1880.5243446	6940.701623	42.63670412	0.008188154	20140723T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
542	375000	2	1	1.5	0	0	4	7	1810	0	1943	0
543	877500	4	2	2	0	0	4	8	2040	1020	1922	0
544	260000	4	1.75	1	0	0	2	7	1060	770	1962	0
545	610360	4	2.5	2	0	0	3	9	2610	0	2013	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
542	98133	47.7275	-122.336	1490	6800	1	0	0
543	98144	47.5795	-122.29	2730	5800	1	1	1
544	98198	47.4169	-122.316	1040	7500	0	1	0
545	98056	47.5137	-122.169	2720	7400	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
542	#REF!	#REF!	#REF!	#REF!
543	#REF!	#REF!	#REF!	#REF!
544	#REF!	#REF!	#REF!	#REF!
545	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
542	#REF!	#REF!	-70.52	1586.30	28.3633	4973.68	2516342.54
543	#REF!	#REF!	1179.48	1059.30	50.3633	1391162.82	1122113.05
544	#REF!	#REF!	-50.52	-1565.70	9.3633	2552.71	2451421.57
545	#REF!	#REF!	729.48	-1378.70	-41.6367	532134.73	1900818.17

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
542	804.48	2522120.70	1588.12
543	2536.46	2515812.33	1586.13
544	87.67	2454061.95	1566.54
545	1733.62	2434686.51	1560.35

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
546	5006000170	1130	8308	71	1880.5243446	6940.701623	42.63670412	0.042263142	20150211T000000
547	629420080	3070	5936	9	1880.5243446	6940.701623	42.63670412	0.039703136	20140820T000000
548	395800370	1340	8400	49	1880.5243446	6940.701623	42.63670412	0.026563505	20150411T000000
549	8091670190	1760	5390	0	1880.5243446	6940.701623	42.63670412	0.042405883	20141104T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
546	293000	4	1	1.5	0	0	4	6	1130	0	1944	0
547	731000	4	2.5	2	0	0	3	9	3070	0	2005	0
548	246600	4	1	1	0	0	5	7	1340	0	1966	0
549	382495	3	2.5	1	0	0	3	8	1760	0	2014	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
546	98166	47.4669	-122.355	1130	8652	1	0	0
547	98075	47.5902	-121.988	3160	5936	1	0	1
548	98023	47.3313	-122.343	1120	8400	0	0	0
549	98038	47.3482	-122.042	2310	5117	0	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
546	#REF!	#REF!	#REF!	#REF!
547	#REF!	#REF!	#REF!	#REF!
548	#REF!	#REF!	#REF!	#REF!
549	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
546	#REF!	#REF!	-750.52	1367.30	28.3633	563286.79	1869504.85
547	#REF!	#REF!	1189.48	-1004.70	-33.6367	1414852.33	1009425.35
548	#REF!	#REF!	-540.52	1459.30	6.3633	292166.57	2129551.75
549	#REF!	#REF!	-120.52	-1550.70	-42.6367	14526.12	2404675.52

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
546	804.48	2433596.12	1560.00
547	1131.43	2425409.11	1557.37
548	40.49	2421758.81	1556.20
549	1817.89	2421019.53	1555.96

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
550	7525300260	2890	8122	37	1880.5243446	6940.701623	42.63670412	0.035604331	20140623T000000
551	7655900038	1370	8400	67	1880.5243446	6940.701623	42.63670412	0.043338782	20150414T000000
552	5422570260	1790	5400	35	1880.5243446	6940.701623	42.63670412	0.023861725	20140929T000000
553	8562890280	2430	5499	12	1880.5243446	6940.701623	42.63670412	0.026184098	20140626T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
550	502000	6	2.5	1	0	0	3	8	1630	1260	1977	0
551	296000	2	1	1	0	0	3	7	1370	0	1948	0
552	405000	2	2.5	2	0	0	4	8	1790	0	1979	0
553	310000	4	2.5	2	0	0	3	8	2430	0	2002	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
550	98008	47.5886	-122.113	2730	9915	0	1	1
551	98133	47.7344	-122.336	1330	8396	0	0	0
552	98052	47.6606	-122.128	1700	5760	1	0	1
553	98042	47.3779	-122.125	2890	5190	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
550	#REF!	#REF!	#REF!	#REF!
551	#REF!	#REF!	#REF!	#REF!
552	#REF!	#REF!	#REF!	#REF!
553	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
550	#REF!	#REF!	1009.48	1181.30	-5.6367	1019041.10	1395465.86
551	#REF!	#REF!	-510.52	1459.30	24.3633	260635.11	2129551.75
552	#REF!	#REF!	-90.52	-1540.70	-7.6367	8194.66	2373761.49
553	#REF!	#REF!	549.48	-1441.70	-30.6367	301923.50	2078503.57

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
550	31.77	2414538.73	1553.88
551	593.57	2390780.43	1546.21
552	58.32	2382014.47	1543.38
553	938.61	2381365.67	1543.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
554	5036300575	2710	8227	61	1880.5243446	6940.701623	42.63670412	0.042708381	20141016T000000
555	2937300520	3110	6050	0	1880.5243446	6940.701623	42.63670412	0.03360181	20140801T000000
556	4058800500	2320	5490	58	1880.5243446	6940.701623	42.63670412	0.006911053	20140710T000000
557	9828700685	1540	8400	113	1880.5243446	6940.701623	42.63670412	0.004699572	20150513T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
554	951250	5	3	1	0	2	3	8	1910	800	1953	0
555	799990	4	2.75	2	0	0	3	9	3110	0	2014	0
556	416100	4	1.75	1	0	3	3	8	1160	1160	1956	0
557	900000	3	1.75	1.5	0	0	3	7	1540	0	1902	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
554	98199	47.6505	-122.39	2060	5400	0	1	1
555	98052	47.705	-122.126	3590	6054	1	0	1
556	98178	47.5091	-122.241	2240	7200	0	1	1
557	98122	47.6187	-122.295	1330	4800	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
554	#REF!	#REF!	#REF!	#REF!
555	#REF!	#REF!	#REF!	#REF!
556	#REF!	#REF!	#REF!	#REF!
557	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
554	#REF!	#REF!	829.48	1286.30	18.3633	688029.86	1654563.51
555	#REF!	#REF!	1229.48	-890.70	-42.6367	1511610.39	793349.38
556	#REF!	#REF!	439.48	-1450.70	15.3633	193138.85	2104535.20
557	#REF!	#REF!	-340.52	1459.30	70.3633	115956.83	2129551.75

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
554	337.21	2342930.59	1530.66
555	1817.89	2306777.66	1518.81
556	236.03	2297910.08	1515.89
557	4950.99	2250459.58	1500.15

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
558	8835200230	1850	5444	33	1880.5243446	6940.701623	42.63670412	0.033261851	20140702T000000
559	7702010050	2830	5788	14	1880.5243446	6940.701623	42.63670412	0.002664026	20150323T000000
560	8562891100	2430	5556	11	1880.5243446	6940.701623	42.63670412	0.00189068	20140910T000000
561	705700640	2170	8396	19	1880.5243446	6940.701623	42.63670412	0.004681186	20140916T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
558	475000	4	2.5	2	0	0	5	7	1850	0	1981	0
559	590000	3	2.5	2	0	0	3	9	2830	0	2001	0
560	381500	4	2.5	2	0	0	4	8	2430	0	2003	0
561	353000	3	2.75	2	0	0	3	7	2170	0	1995	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
558	98034	47.7227	-122.16	1540	5000	1	0	0
559	98028	47.7604	-122.235	2500	5802	1	0	1
560	98042	47.3762	-122.126	2430	5556	1	0	1
561	98038	47.3812	-122.023	2170	8378	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
558	#REF!	#REF!	#REF!	#REF!
559	#REF!	#REF!	#REF!	#REF!
560	#REF!	#REF!	#REF!	#REF!
561	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
558	#REF!	#REF!	-30.52	-1496.70	-9.6367	931.74	2240115.75
559	#REF!	#REF!	949.48	-1152.70	-28.6367	901504.02	1328721.03
560	#REF!	#REF!	549.48	-1384.70	-31.6367	301923.50	1917398.58
561	#REF!	#REF!	289.48	1455.30	-23.6367	83796.16	2117893.37

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
558	92.87	2241140.35	1497.04
559	820.06	2231045.11	1493.67
560	1000.88	2220322.96	1490.07
561	558.69	2202248.22	1484.00

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
562	339350150	2740	5735	11	1880.5243446	6940.701623	42.63670412	0.030677966	20150311T000000
563	7549801385	420	6720	92	1880.5243446	6940.701623	42.63670412	0.026772062	20140612T000000
564	8651402660	1450	5530	45	1880.5243446	6940.701623	42.63670412	0.038674959	20141008T000000
565	4174600072	2710	5722	17	1880.5243446	6940.701623	42.63670412	0.004332493	20141223T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
562	675000	3	2.75	2	0	0	3	9	2740	0	2004	0
563	280000	1	0.75	1	0	0	3	5	420	0	1922	0
564	175409	4	1.5	1	0	0	4	6	1450	0	1969	0
565	539500	4	3.5	2	0	0	4	8	2040	670	1997	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
562	98052	47.6862	-122.093	2210	5026	1	0	1
563	98108	47.552	-122.311	1420	6720	0	0	0
564	98042	47.3613	-122.087	1060	5200	0	0	0
565	98108	47.5591	-122.302	2500	5722	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
562	#REF!	#REF!	#REF!	#REF!
563	#REF!	#REF!	#REF!	#REF!
564	#REF!	#REF!	#REF!	#REF!
565	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
562	#REF!	#REF!	859.48	-1205.70	-31.6367	738698.40	1453716.40
563	#REF!	#REF!	-1460.52	-220.70	49.3633	2133131.36	48709.21
564	#REF!	#REF!	-430.52	-1410.70	2.3633	185351.21	1990079.07
565	#REF!	#REF!	829.48	-1218.70	-25.6367	688029.86	1485233.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
562	1000.88	2193415.69	1481.02
563	2436.73	2184277.30	1477.93
564	5.59	2175435.87	1474.94
565	657.24	2173920.75	1474.42

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
566	1442880570	2790	8092	1	1880.5243446	6940.701623	42.63670412	0.028204636	20140821T000000
567	626059127	2830	5831	4	1880.5243446	6940.701623	42.63670412	0.04021813	20141117T000000
568	1152700020	2650	5706	9	1880.5243446	6940.701623	42.63670412	0.040970464	20141226T000000
569	7686202635	900	8000	60	1880.5243446	6940.701623	42.63670412	0.024556874	20140812T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
566	505657	4	2.75	2	0	0	3	8	2790	0	2013	0
567	614000	3	2.5	2	0	0	3	9	2830	0	2010	0
568	370000	4	2.5	2	0	0	3	9	2650	0	2005	0
569	185000	2	1	1	0	0	4	6	900	0	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
566	98045	47.4834	-121.773	2790	6154	1	0	1
567	98011	47.7744	-122.224	2830	6064	1	0	1
568	98042	47.3515	-122.164	2760	5749	1	0	1
569	98198	47.4217	-122.317	1240	8000	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
566	#REF!	#REF!	#REF!	#REF!
567	#REF!	#REF!	#REF!	#REF!
568	#REF!	#REF!	#REF!	#REF!
569	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
566	#REF!	#REF!	909.48	1151.30	-41.6367	827145.97	1325487.95
567	#REF!	#REF!	949.48	-1109.70	-38.6367	901504.02	1231437.69
568	#REF!	#REF!	769.48	-1234.70	-33.6367	592092.78	1524488.10
569	#REF!	#REF!	-980.52	1059.30	17.3633	961427.99	1122113.05

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
566	1733.62	2154367.54	1467.78
567	1492.79	2134434.51	1460.97
568	1131.43	2117712.31	1455.24
569	301.48	2083842.53	1443.55

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
570	7974700122	1820	5500	57	1880.5243446	6940.701623	42.63670412	0.007671062	20140610T000000
571	1703900155	790	6000	66	1880.5243446	6940.701623	42.63670412	0.042050243	20141113T000000
572	3329500730	1290	8250	31	1880.5243446	6940.701623	42.63670412	0.029505416	20141111T000000
573	1900000035	620	7620	89	1880.5243446	6940.701623	42.63670412	0.036253818	20150505T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
570	659500	3	1.75	1	0	0	4	8	1620	200	1957	0
571	325000	2	1	1	0	0	3	7	790	0	1948	0
572	220000	3	1.75	1	0	0	3	7	1290	0	1983	0
573	212000	1	1	1	0	0	3	6	620	0	1926	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
570	98115	47.6737	-122.283	2330	6050	0	1	1
571	98118	47.5543	-122.273	960	6000	0	0	0
572	98001	47.3353	-122.27	1410	7823	0	0	0
573	98166	47.4697	-122.349	1160	7620	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
570	#REF!	#REF!	#REF!	#REF!
571	#REF!	#REF!	#REF!	#REF!
572	#REF!	#REF!	#REF!	#REF!
573	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
570	#REF!	#REF!	-60.52	-1440.70	14.3633	3663.20	2075621.17
571	#REF!	#REF!	-1090.52	-940.70	23.3633	1189243.35	884919.54
572	#REF!	#REF!	-590.52	1309.30	-11.6367	348719.00	1714262.24
573	#REF!	#REF!	-1260.52	679.30	46.3633	1588921.62	461446.29

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
570	206.30	2079490.67	1442.04
571	545.84	2074708.73	1440.38
572	135.41	2063116.65	1436.36
573	2149.56	2052517.46	1432.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
574	7893808220	990	8062	54	1880.5243446	6940.701623	42.63670412	0.025193243	20140709T000000
575	6669240230	2588	5702	7	1880.5243446	6940.701623	42.63670412	0.001554319	20150317T000000
576	582000185	1960	5520	62	1880.5243446	6940.701623	42.63670412	0.039739827	20140821T000000
577	6131600255	1540	8316	60	1880.5243446	6940.701623	42.63670412	0.01907691	20141222T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
574	250000	3	1	1	0	0	4	7	990	0	1960	0
575	306000	3	2.5	2	0	0	3	8	2588	0	2008	0
576	655000	3	1.75	1	0	0	4	7	1080	880	1952	0
577	202500	3	2	1	0	0	5	6	1540	0	1954	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
574	98198	47.4151	-122.334	1420	8790	0	0	0
575	98042	47.3453	-122.151	2403	5703	1	0	1
576	98199	47.6535	-122.397	1720	5760	0	1	0
577	98002	47.323	-122.216	1250	8316	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
574	#REF!	#REF!	#REF!	#REF!
575	#REF!	#REF!	#REF!	#REF!
576	#REF!	#REF!	#REF!	#REF!
577	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
574	#REF!	#REF!	-890.52	1121.30	11.3633	793033.61	1257310.05
575	#REF!	#REF!	707.48	-1238.70	-35.6367	500521.80	1534381.71
576	#REF!	#REF!	79.48	-1420.70	19.3633	6316.38	2018393.10
577	#REF!	#REF!	-340.52	1375.30	17.3633	115956.83	1891445.63

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
574	129.12	2050472.78	1431.95
575	1269.97	2036173.49	1426.95
576	374.94	2025084.42	1423.05
577	301.48	2007703.94	1416.93

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
578	923000280	2580	8154	58	1880.5243446	6940.701623	42.63670412	0.029505361	20140722T000000
579	1796350690	1390	8250	27	1880.5243446	6940.701623	42.63670412	0.018651827	20140820T000000
580	1822059440	3100	7600	10	1880.5243446	6940.701623	42.63670412	0.018776814	20150203T000000
581	4077800376	2980	7781	54	1880.5243446	6940.701623	42.63670412	0.003099851	20140701T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
578	699000	3	2.5	1	0	0	3	10	2090	490	1956	1997
579	245000	3	2	1	0	0	3	7	1390	0	1987	0
580	511000	4	3.5	2	0	0	3	10	3100	0	2005	0
581	600000	5	2.25	1	0	0	3	9	1580	1400	1960	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
578	98177	47.7259	-122.361	1660	8155	0	1	1
579	98042	47.3707	-122.094	1390	7875	0	0	0
580	98031	47.3892	-122.215	3350	7638	1	0	1
581	98125	47.7048	-122.279	2310	7781	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
578	#REF!	#REF!	#REF!	#REF!
579	#REF!	#REF!	#REF!	#REF!
580	#REF!	#REF!	#REF!	#REF!
581	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
578	#REF!	#REF!	699.48	1213.30	15.3633	489266.19	1472092.95
579	#REF!	#REF!	-490.52	1309.30	-15.6367	240614.13	1714262.24
580	#REF!	#REF!	1219.48	659.30	-32.6367	1487120.87	434674.35
581	#REF!	#REF!	1099.48	840.30	11.3633	1208846.72	706101.36

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
578	236.03	1961595.18	1400.57
579	244.51	1955120.88	1398.26
580	1065.15	1922860.38	1386.67
581	129.12	1915077.20	1383.86

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
582	1149900050	2780	7985	23	1880.5243446	6940.701623	42.63670412	0.032294366	20150312T000000
583	1056200010	1590	8285	58	1880.5243446	6940.701623	42.63670412	0.022228725	20140902T000000
584	7454000555	670	6300	73	1880.5243446	6940.701623	42.63670412	0.010485788	20150113T000000
585	8731982630	1720	8300	41	1880.5243446	6940.701623	42.63670412	0.026184172	20140522T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
582	717000	4	2.5	2	0	0	4	10	2780	0	1992	0
583	750000	3	1.75	1	0	0	4	8	1590	0	1956	0
584	272000	2	1	1	0	0	4	6	670	0	1942	0
585	240000	4	2.25	1	0	0	4	8	1720	0	1973	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
582	98029	47.5608	-122.016	2650	8094	1	0	1
583	98004	47.5855	-122.194	1970	8970	0	0	1
584	98126	47.5145	-122.374	740	6300	0	0	0
585	98023	47.3192	-122.385	2010	8000	0	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
582	#REF!	#REF!	#REF!	#REF!
583	#REF!	#REF!	#REF!	#REF!
584	#REF!	#REF!	#REF!	#REF!
585	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
582	#REF!	#REF!	899.48	1044.30	-19.6367	809056.45	1090559.10
583	#REF!	#REF!	-290.52	1344.30	15.3633	84404.39	1807138.13
584	#REF!	#REF!	-1210.52	-640.70	30.3633	1465369.19	410498.57
585	#REF!	#REF!	-160.52	1359.30	-1.6367	25768.07	1847692.08

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
582	385.60	1900001.16	1378.41
583	236.03	1891778.55	1375.42
584	921.93	1876789.69	1369.96
585	2.68	1873462.82	1368.74

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
586	1853080850	3030	7679	0	1880.5243446	6940.701623	42.63670412	0.009196078	20140606T000000
587	3343902510	3240	6863	1	1880.5243446	6940.701623	42.63670412	0.015230108	20140611T000000
588	623049093	910	6000	58	1880.5243446	6940.701623	42.63670412	0.01947247	20140522T000000
589	7787100210	2120	8267	18	1880.5243446	6940.701623	42.63670412	0.033442561	20141209T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
586	837219	5	2.75	2	0	0	3	9	3030	0	2014	0
587	719950	5	2.75	2	0	0	3	10	3240	0	2013	0
588	219900	3	1	1	0	0	2	6	910	0	1956	0
589	450000	4	2.25	2	0	0	3	8	2120	0	1996	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
586	98074	47.593	-122.057	3080	6341	1	0	1
587	98056	47.5033	-122.193	2360	6002	1	0	1
588	98146	47.5065	-122.338	1090	6957	0	0	0
589	98045	47.4885	-121.779	2150	7746	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
586	#REF!	#REF!	#REF!	#REF!
587	#REF!	#REF!	#REF!	#REF!
588	#REF!	#REF!	#REF!	#REF!
589	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
586	#REF!	#REF!	1149.48	738.30	-42.6367	1321294.28	545084.49
587	#REF!	#REF!	1359.48	-77.70	-41.6367	1848174.06	6037.54
588	#REF!	#REF!	-970.52	-940.70	15.3633	941917.50	884919.54
589	#REF!	#REF!	239.48	1326.30	-24.6367	57348.59	1759067.38

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
586	1817.89	1868196.66	1366.82
587	1733.62	1855945.22	1362.33
588	236.03	1827073.08	1351.69
589	606.97	1817022.94	1347.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
590	8944310330	1520	5649	25	1880.5243446	6940.701623	42.63670412	0.041915414	20140819T000000
591	1328330590	2020	8250	37	1880.5243446	6940.701623	42.63670412	0.03569481	20150420T000000
592	7853420110	2780	6000	1	1880.5243446	6940.701623	42.63670412	0.041529083	20141003T000000
593	3226049117	870	6126	77	1880.5243446	6940.701623	42.63670412	0.035870253	20150213T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
590	375000	3	2.5	2	0	0	4	7	1520	0	1989	0
591	346500	5	2.5	1	0	0	4	8	1430	590	1978	0
592	594866	3	3	2	0	0	3	9	2780	0	2013	0
593	387500	2	1	1	0	0	4	7	870	0	1938	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
590	98034	47.7221	-122.162	1540	5000	1	0	0
591	98058	47.4432	-122.135	1680	8959	0	1	1
592	98065	47.5184	-121.886	2850	6000	1	0	1
593	98125	47.7024	-122.322	1620	6126	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
590	#REF!	#REF!	#REF!	#REF!
591	#REF!	#REF!	#REF!	#REF!
592	#REF!	#REF!	#REF!	#REF!
593	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
590	#REF!	#REF!	-360.52	-1291.70	-17.6367	129977.80	1668493.08
591	#REF!	#REF!	139.48	1309.30	-5.6367	19453.46	1714262.24
592	#REF!	#REF!	899.48	-940.70	-41.6367	809056.45	884919.54
593	#REF!	#REF!	-1010.52	-814.70	34.3633	1021159.45	663738.73

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
590	311.05	1798781.94	1341.19
591	31.77	1733747.47	1316.72
592	1733.62	1695709.61	1302.19
593	1180.84	1686079.02	1298.49

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
594	8062900030	1300	8099	38	1880.5243446	6940.701623	42.63670412	0.02272786	20140715T000000
595	418000010	660	6509	63	1880.5243446	6940.701623	42.63670412	0.013812023	20150422T000000
596	1543000060	3070	6432	8	1880.5243446	6940.701623	42.63670412	0.019005752	20140607T000000
597	2141330700	2350	8140	37	1880.5243446	6940.701623	42.63670412	0.042760896	20140522T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
594	275000	3	1.75	1	0	0	4	7	1080	220	1976	0
595	227450	2	1	1	0	0	4	5	660	0	1952	0
596	462000	4	2.5	2	0	0	3	9	3070	0	2006	0
597	555000	4	2.25	1	0	0	4	8	1430	920	1977	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
594	98056	47.5026	-122.172	1270	8099	0	1	0
595	98056	47.4938	-122.171	970	5713	0	0	0
596	98055	47.4487	-122.205	2910	5106	1	0	1
597	98006	47.5579	-122.129	2640	8700	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
594	#REF!	#REF!	#REF!	#REF!
595	#REF!	#REF!	#REF!	#REF!
596	#REF!	#REF!	#REF!	#REF!
597	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
594	#REF!	#REF!	-580.52	1158.30	-4.6367	337008.51	1341655.13
595	#REF!	#REF!	-1220.52	-431.70	20.3633	1489679.68	186366.29
596	#REF!	#REF!	1189.48	-508.70	-34.6367	1414852.33	258777.34
597	#REF!	#REF!	469.48	1199.30	-5.6367	220407.39	1438316.60

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
594	21.50	1678685.14	1295.64
595	414.66	1676460.63	1294.78
596	1199.70	1674829.38	1294.15
597	31.77	1658755.76	1287.93

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
598	1355000220	1200	8034	40	1880.5243446	6940.701623	42.63670412	0.00126119	20150119T000000
599	4174600055	850	7710	105	1880.5243446	6940.701623	42.63670412	0.007084601	20140521T000000
600	9264920620	2440	8098	31	1880.5243446	6940.701623	42.63670412	0.033607771	20141209T000000
601	626049102	2360	8116	99	1880.5243446	6940.701623	42.63670412	0.005823455	20150324T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
598	243000	3	1.75	1	0	0	5	7	1200	0	1975	0
599	360000	2	0.75	1	0	2	5	6	550	300	1909	0
600	330000	4	2.25	2	0	0	3	8	2440	0	1983	0
601	397950	4	1.75	1	0	0	4	7	1180	1180	1916	1970

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
598	98031	47.4135	-122.18	1270	7600	0	0	0
599	98108	47.5588	-122.301	2500	6022	0	1	0
600	98023	47.3126	-122.346	2110	7911	1	0	1
601	98133	47.7635	-122.335	1670	8160	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
598	#REF!	#REF!	#REF!	#REF!
599	#REF!	#REF!	#REF!	#REF!
600	#REF!	#REF!	#REF!	#REF!
601	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
598	#REF!	#REF!	-680.52	1093.30	-2.6367	463113.38	1195301.34
599	#REF!	#REF!	-1030.52	769.30	62.3633	1061980.42	591819.99
600	#REF!	#REF!	559.48	1157.30	-11.6367	313013.01	1339339.53
601	#REF!	#REF!	479.48	1175.30	56.3633	229896.90	1381326.28

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
598	6.95	1658421.68	1287.80
599	3889.18	1657689.60	1287.51
600	135.41	1652487.96	1285.49
601	3176.82	1614400.00	1270.59

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
602	2329800430	1660	8188	27	1880.5243446	6940.701623	42.63670412	0.041343991	20150204T000000
603	752000035	2650	7945	8	1880.5243446	6940.701623	42.63670412	0.032315476	20140520T000000
604	369000365	680	6600	99	1880.5243446	6940.701623	42.63670412	0.028278356	20150422T000000
605	7787050180	3080	7282	7	1880.5243446	6940.701623	42.63670412	0.001449978	20150128T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
602	254000	3	2.25	2	0	0	4	7	1660	0	1988	0
603	699000	4	2.5	2	0	0	3	9	2650	0	2006	0
604	510000	1	1	1	0	0	3	5	480	200	1916	0
605	585000	3	2.75	2	0	0	3	9	3080	0	2008	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
602	98042	47.3766	-122.115	1660	7000	1	0	0
603	98125	47.7113	-122.296	1200	7920	1	0	1
604	98199	47.6567	-122.392	1170	5500	0	1	0
605	98059	47.4826	-122.149	3080	7274	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
602	#REF!	#REF!	#REF!	#REF!
603	#REF!	#REF!	#REF!	#REF!
604	#REF!	#REF!	#REF!	#REF!
605	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
602	#REF!	#REF!	-220.52	1247.30	-15.6367	48630.99	1555753.24
603	#REF!	#REF!	769.48	1004.30	-34.6367	592092.78	1008615.23
604	#REF!	#REF!	-1200.52	-340.70	56.3633	1441258.70	116077.60
605	#REF!	#REF!	1199.48	341.30	-35.6367	1438741.85	116484.58

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
602	244.51	1604628.73	1266.74
603	1199.70	1601907.72	1265.66
604	3176.82	1560513.12	1249.20
605	1269.97	1556496.40	1247.60

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
606	6380500135	880	7683	72	1880.5243446	6940.701623	42.63670412	0.027819719	20140527T000000
607	1180005220	1070	6000	93	1880.5243446	6940.701623	42.63670412	0.018873897	20150505T000000
608	2922701175	1940	5700	77	1880.5243446	6940.701623	42.63670412	0.020843047	20140919T000000
609	9455200596	1450	8100	63	1880.5243446	6940.701623	42.63670412	0.030584203	20150114T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
606	326100	2	1	1	0	0	3	6	880	0	1942	0
607	225000	2	1	1	0	0	4	5	1070	0	1922	0
608	535000	2	1.5	1	0	0	3	7	970	970	1937	0
609	357500	3	1	1	0	0	3	6	1450	0	1952	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
606	98177	47.7145	-122.361	1370	7695	0	0	0
607	98178	47.495	-122.227	1910	6000	0	0	0
608	98117	47.6881	-122.367	1250	5700	0	1	0
609	98125	47.7027	-122.289	1450	7800	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
606	#REF!	#REF!	#REF!	#REF!
607	#REF!	#REF!	#REF!	#REF!
608	#REF!	#REF!	#REF!	#REF!
609	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
606	#REF!	#REF!	-1000.52	742.30	29.3633	1001048.96	551006.88
607	#REF!	#REF!	-810.52	-940.70	50.3633	656949.71	884919.54
608	#REF!	#REF!	59.48	-1240.70	34.3633	3537.35	1539340.52
609	#REF!	#REF!	-430.52	1159.30	20.3633	185351.21	1343972.73

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
606	862.20	1552918.05	1246.16
607	2536.46	1544405.72	1242.74
608	1180.84	1544058.71	1242.60
609	414.66	1529738.60	1236.83

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
610	3878900681	1040	6034	24	1880.5243446	6940.701623	42.63670412	0.043843145	20150121T000000
611	6306800020	2716	7850	0	1880.5243446	6940.701623	42.63670412	0.044131825	20141111T000000
612	3566800125	1250	5880	67	1880.5243446	6940.701623	42.63670412	0.007997611	20150330T000000
613	1939120050	2460	8029	26	1880.5243446	6940.701623	42.63670412	0.035197587	20150303T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
610	272000	1	0.75	1	0	1	3	7	580	460	1991	0
611	452000	4	2.5	2	0	0	3	9	2716	0	2014	0
612	425000	2	1	1	0	0	3	6	900	350	1948	0
613	638250	4	2.5	2	0	0	3	9	2460	0	1989	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
610	98178	47.5078	-122.251	1560	5650	0	1	0
611	98030	47.352	-122.197	2580	14448	1	0	1
612	98117	47.6908	-122.391	1520	5020	0	1	0
613	98074	47.6262	-122.03	2420	7987	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
610	#REF!	#REF!	#REF!	#REF!
611	#REF!	#REF!	#REF!	#REF!
612	#REF!	#REF!	#REF!	#REF!
613	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
610	#REF!	#REF!	-840.52	-906.70	-18.6367	706481.17	822107.83
611	#REF!	#REF!	835.48	909.30	-42.6367	698019.57	826823.54
612	#REF!	#REF!	-630.52	-1060.70	24.3633	397560.95	1125087.93
613	#REF!	#REF!	579.48	1088.30	-16.6367	335792.04	1184393.36

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
610	347.33	1528936.33	1236.50
611	1817.89	1526661.00	1235.58
612	593.57	1523242.45	1234.20
613	276.78	1520462.17	1233.07

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
614	9468200163	1780	5720	89	1880.5243446	6940.701623	42.63670412	0.027295503	20140709T000000
615	4302201005	1560	5760	87	1880.5243446	6940.701623	42.63670412	0.017504554	20141007T000000
616	7399300510	1500	8100	47	1880.5243446	6940.701623	42.63670412	0.028718483	20150204T000000
617	8682320350	2150	5760	4	1880.5243446	6940.701623	42.63670412	0.003089184	20140709T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
614	680000	3	2	1	0	0	5	7	980	800	1925	0
615	353900	3	1.75	1	0	0	5	6	780	780	1927	0
616	294900	3	2.25	1	0	0	3	7	1210	290	1968	0
617	741500	2	2.5	1	0	0	3	8	2150	0	2010	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
614	98103	47.6794	-122.351	1620	5050	0	1	0
615	98106	47.5272	-122.359	1320	7680	0	1	0
616	98055	47.4632	-122.19	1600	7896	0	1	0
617	98053	47.7094	-122.018	1640	4680	0	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
614	#REF!	#REF!	#REF!	#REF!
615	#REF!	#REF!	#REF!	#REF!
616	#REF!	#REF!	#REF!	#REF!
617	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
614	#REF!	#REF!	-100.52	-1220.70	46.3633	10105.14	1490112.45
615	#REF!	#REF!	-320.52	-1180.70	44.3633	102735.86	1394056.32
616	#REF!	#REF!	-380.52	1159.30	4.3633	144798.78	1343972.73
617	#REF!	#REF!	269.48	-1180.70	-38.6367	72617.13	1394056.32

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
614	2149.56	1502367.15	1225.71
615	1968.10	1498760.28	1224.24
616	19.04	1488790.54	1220.16
617	1492.79	1468166.25	1211.68

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
618	9578090180	3070	7150	8	1880.5243446	6940.701623	42.63670412	0.017643153	20150403T000000
619	3904960910	3050	7238	25	1880.5243446	6940.701623	42.63670412	0.033721028	20140917T000000
620	8820901792	3040	7274	28	1880.5243446	6940.701623	42.63670412	0.036614443	20140711T000000
621	9558200080	1660	8125	15	1880.5243446	6940.701623	42.63670412	0.042852069	20140912T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
618	850000	4	3	2	0	0	3	9	3070	0	2007	0
619	635000	4	2.5	2	0	0	3	8	3050	0	1989	0
620	640000	4	2.75	2	0	3	3	9	2320	720	1986	0
621	295000	3	2.5	1	0	0	3	7	1150	510	1999	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
618	98052	47.7079	-122.107	3200	6984	1	0	1
619	98029	47.5772	-122.013	2580	7228	1	0	1
620	98125	47.7184	-122.28	2830	10080	1	1	1
621	98148	47.4373	-122.333	1250	8125	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
618	#REF!	#REF!	#REF!	#REF!
619	#REF!	#REF!	#REF!	#REF!
620	#REF!	#REF!	#REF!	#REF!
621	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
618	#REF!	#REF!	1189.48	209.30	-34.6367	1414852.33	43805.81
619	#REF!	#REF!	1169.48	297.30	-17.6367	1367673.31	88386.32
620	#REF!	#REF!	1159.48	333.30	-14.6367	1344383.80	111087.81
621	#REF!	#REF!	-220.52	1184.30	-27.6367	48630.99	1402562.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
618	1199.70	1459857.85	1208.25
619	311.05	1456370.69	1206.80
620	214.23	1455685.84	1206.52
621	763.79	1451957.42	1204.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
622	3034200087	3010	7357	6	1880.5243446	6940.701623	42.63670412	0.039079004	20141212T000000
623	8819901030	2390	8025	93	1880.5243446	6940.701623	42.63670412	0.003967566	20141118T000000
624	809002675	1140	6000	106	1880.5243446	6940.701623	42.63670412	0.015132182	20150413T000000
625	5126400230	720	7200	71	1880.5243446	6940.701623	42.63670412	0.006064591	20140524T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
622	659950	5	3	2	0	0	3	9	3010	0	2008	0
623	810000	3	2	2	0	0	5	7	2390	0	1921	0
624	660000	3	2	1	0	0	3	7	1140	0	1909	0
625	199000	2	1	1	0	0	5	6	720	0	1943	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
622	98133	47.7226	-122.33	2370	8050	1	0	1
623	98105	47.6707	-122.288	1920	5350	1	0	0
624	98109	47.637	-122.355	1260	4000	0	0	0
625	98058	47.4763	-122.177	970	8027	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
622	#REF!	#REF!	#REF!	#REF!
623	#REF!	#REF!	#REF!	#REF!
624	#REF!	#REF!	#REF!	#REF!
625	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
622	#REF!	#REF!	1129.48	416.30	-36.6367	1275715.26	173304.34
623	#REF!	#REF!	509.48	1084.30	50.3633	259565.44	1175702.97
624	#REF!	#REF!	-740.52	-940.70	63.3633	548376.30	884919.54
625	#REF!	#REF!	-1160.52	259.30	28.3633	1346816.75	67235.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
622	1342.25	1450361.84	1204.31
623	2536.46	1437804.88	1199.09
624	4014.91	1437310.76	1198.88
625	804.48	1414856.88	1189.48

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
626	2061100570	1910	5753	74	1880.5243446	6940.701623	42.63670412	0.006975647	20150210T000000
627	4375700065	1440	8040	63	1880.5243446	6940.701623	42.63670412	0.025696391	20140512T000000
628	7227800055	1750	8116	71	1880.5243446	6940.701623	42.63670412	0.010248057	20141124T000000
629	9265410090	1370	8006	24	1880.5243446	6940.701623	42.63670412	0.029923326	20141008T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
626	595000	3	1.75	1	0	3	3	8	1110	800	1941	0
627	315275	3	1.75	1	0	0	3	7	960	480	1951	0
628	247000	4	2	1	0	0	4	5	1750	0	1943	0
629	160000	3	1.75	2	0	0	3	7	1370	0	1990	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
626	98115	47.6898	-122.327	1630	5580	0	1	1
627	98125	47.7128	-122.306	1500	8040	0	1	0
628	98056	47.5097	-122.181	1440	7865	0	0	0
629	98001	47.258	-122.252	1530	8006	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
626	#REF!	#REF!	#REF!	#REF!
627	#REF!	#REF!	#REF!	#REF!
628	#REF!	#REF!	#REF!	#REF!
629	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
626	#REF!	#REF!	29.48	-1187.70	31.3633	868.81	1410635.15
627	#REF!	#REF!	-440.52	1099.30	20.3633	194061.70	1208456.92
628	#REF!	#REF!	-130.52	1175.30	28.3633	17036.60	1381326.28
629	#REF!	#REF!	-510.52	1065.30	-18.6367	260635.11	1134860.63

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
626	983.66	1412487.62	1188.48
627	414.66	1402933.28	1184.45
628	804.48	1399167.36	1182.86
629	347.33	1395843.07	1181.46

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
630	1332200110	2200	8065	16	1880.5243446	6940.701623	42.63670412	0.01759941	20140708T000000
631	7625702400	960	6250	98	1880.5243446	6940.701623	42.63670412	0.017399555	20140730T000000
632	3971700940	1430	8000	66	1880.5243446	6940.701623	42.63670412	0.021133837	20140930T000000
633	1220000100	970	7639	95	1880.5243446	6940.701623	42.63670412	0.018852778	20150504T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
630	300000	4	2.5	2	0	0	3	7	2200	0	1998	0
631	355000	2	1	1	0	0	3	6	960	0	1916	0
632	330000	3	1.5	1	0	0	5	7	1430	0	1948	0
633	215000	1	1	1	0	0	4	5	570	400	1920	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
630	98031	47.4042	-122.213	2641	8535	1	0	0
631	98136	47.5491	-122.386	1350	6250	0	0	0
632	98155	47.772	-122.322	1410	9820	0	0	0
633	98166	47.4655	-122.346	1360	7380	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
630	#REF!	#REF!	#REF!	#REF!
631	#REF!	#REF!	#REF!	#REF!
632	#REF!	#REF!	#REF!	#REF!
633	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
630	#REF!	#REF!	319.48	1124.30	-26.6367	102064.69	1264046.84
631	#REF!	#REF!	-920.52	-690.70	55.3633	847365.07	477068.73
632	#REF!	#REF!	-450.52	1059.30	23.3633	202972.19	1122113.05
633	#REF!	#REF!	-910.52	698.30	52.3633	829054.58	487620.62

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
630	709.51	1366821.05	1169.11
631	3065.09	1327498.90	1152.17
632	545.84	1325631.08	1151.36
633	2741.91	1319417.12	1148.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
634	5147600095	1070	7754	62	1880.5243446	6940.701623	42.63670412	0.023357389	20150121T000000
635	3885805325	2090	8064	47	1880.5243446	6940.701623	42.63670412	0.020682022	20140731T000000
636	5126300650	2950	6545	12	1880.5243446	6940.701623	42.63670412	0.010464449	20150225T000000
637	6403510130	2990	7200	17	1880.5243446	6940.701623	42.63670412	0.02898904	20141114T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
634	152000	3	1.75	1	0	0	3	6	1070	0	1953	0
635	710000	4	2.75	2	0	0	5	7	2090	0	1967	0
636	482000	3	2.5	2	0	0	3	8	2950	0	2003	0
637	490000	5	2.75	2	0	0	3	8	2990	0	1997	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
634	98146	47.5079	-122.344	950	7740	0	0	0
635	98033	47.6829	-122.195	1460	8400	1	0	0
636	98059	47.4828	-122.139	2400	6550	1	0	1
637	98059	47.4955	-122.16	2710	7620	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
634	#REF!	#REF!	#REF!	#REF!
635	#REF!	#REF!	#REF!	#REF!
636	#REF!	#REF!	#REF!	#REF!
637	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
634	#REF!	#REF!	-810.52	813.30	19.3633	656949.71	661454.25
635	#REF!	#REF!	209.48	1123.30	4.3633	43880.05	1261799.24
636	#REF!	#REF!	1069.48	-395.70	-30.6367	1143778.18	156579.77
637	#REF!	#REF!	1109.48	259.30	-25.6367	1230936.23	67235.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
634	374.94	1318778.90	1148.38
635	19.04	1305698.33	1142.67
636	938.61	1301296.56	1140.74
637	657.24	1298829.12	1139.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
638	537000075	2300	8000	49	1880.5243446	6940.701623	42.63670412	0.006490242	20140811T000000
639	7549801565	1190	7840	96	1880.5243446	6940.701623	42.63670412	0.000114746	20141219T000000
640	9306500200	2500	6000	3	1880.5243446	6940.701623	42.63670412	0.024003382	20150401T000000
641	2113700620	2500	6000	73	1880.5243446	6940.701623	42.63670412	0.031184266	20140804T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
638	420000	3	2.75	1	0	0	3	7	1430	870	1965	0
639	311000	3	2	1.5	0	0	4	6	1190	0	1918	0
640	432500	3	3	2	0	0	3	8	2500	0	2012	0
641	417000	3	1.5	1.5	0	0	5	7	1730	770	1941	1984

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
638	98003	47.3293	-122.306	2070	10200	0	1	0
639	98108	47.5531	-122.312	1460	3240	1	0	0
640	98058	47.4408	-122.161	2130	6000	1	0	1
641	98106	47.5297	-122.354	1340	5000	1	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
638	#REF!	#REF!	#REF!	#REF!
639	#REF!	#REF!	#REF!	#REF!
640	#REF!	#REF!	#REF!	#REF!
641	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
638	#REF!	#REF!	419.48	1059.30	6.3633	175959.83	1122113.05
639	#REF!	#REF!	-690.52	899.30	53.3633	476823.87	808737.57
640	#REF!	#REF!	619.48	-940.70	-39.6367	383750.09	884919.54
641	#REF!	#REF!	619.48	-940.70	30.3633	383750.09	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
638	40.49	1298113.37	1139.35
639	2847.64	1288409.08	1135.08
640	1571.07	1270240.70	1127.05
641	921.93	1269591.56	1126.76

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
642	1432400060	950	7560	56	1880.5243446	6940.701623	42.63670412	0.033853121	20140529T000000
643	2771604640	2470	6000	75	1880.5243446	6940.701623	42.63670412	0.017610248	20150313T000000
644	2112700600	1640	5880	38	1880.5243446	6940.701623	42.63670412	0.023799142	20150513T000000
645	4217400420	1340	6000	87	1880.5243446	6940.701623	42.63670412	0.044011876	20141124T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
642	230000	2	1	1	0	0	3	6	950	0	1958	0
643	700000	4	1.5	1.5	0	0	3	7	1480	990	1940	0
644	415000	3	2.25	1	0	0	3	7	1240	400	1977	0
645	907000	3	1.5	1.5	0	1	3	9	1340	0	1927	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
642	98058	47.4499	-122.176	1160	7560	0	0	0
643	98199	47.6365	-122.391	2140	4000	1	1	0
644	98106	47.5323	-122.351	1200	4760	0	1	0
645	98105	47.66	-122.282	2600	6000	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
642	#REF!	#REF!	#REF!	#REF!
643	#REF!	#REF!	#REF!	#REF!
644	#REF!	#REF!	#REF!	#REF!
645	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
642	#REF!	#REF!	-930.52	619.30	13.3633	865875.56	383530.48
643	#REF!	#REF!	589.48	-940.70	32.3633	347481.55	884919.54
644	#REF!	#REF!	-240.52	-1060.70	-4.6367	57851.96	1125087.93
645	#REF!	#REF!	-540.52	-940.70	44.3633	292166.57	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
642	178.58	1249584.61	1117.85
643	1047.38	1233448.47	1110.61
644	21.50	1182961.39	1087.64
645	1968.10	1179054.21	1085.84

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
646	1853080730	2960	6856	5	1880.5243446	6940.701623	42.63670412	0.042428073	20141210T000000
647	7896300070	1290	6034	65	1880.5243446	6940.701623	42.63670412	0.008735304	20150501T000000
648	8864000970	1360	6000	70	1880.5243446	6940.701623	42.63670412	0.003697213	20141204T000000
649	3598600049	840	7203	66	1880.5243446	6940.701623	42.63670412	0.025688317	20150424T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
646	835000	3	2.5	2	0	0	3	10	2960	0	2009	0
647	265000	4	1	1	0	0	3	6	1050	240	1950	0
648	273500	4	1	1	0	0	4	6	1020	340	1944	0
649	224000	1	0.75	1.5	0	0	3	6	840	0	1949	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
646	98074	47.5906	-122.057	3320	6856	1	0	1
647	98118	47.5223	-122.286	1060	6034	0	1	0
648	98168	47.4783	-122.285	1230	6000	0	1	0
649	98168	47.4756	-122.301	1560	8603	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
646	#REF!	#REF!	#REF!	#REF!
647	#REF!	#REF!	#REF!	#REF!
648	#REF!	#REF!	#REF!	#REF!
649	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
646	#REF!	#REF!	1079.48	-84.70	-37.6367	1165267.69	7174.36
647	#REF!	#REF!	-590.52	-906.70	22.3633	348719.00	822107.83
648	#REF!	#REF!	-520.52	-940.70	27.3633	270945.59	884919.54
649	#REF!	#REF!	-1040.52	262.30	23.3633	1082690.91	68800.44

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
646	1416.52	1173858.58	1083.45
647	500.12	1171326.95	1082.28
648	748.75	1156613.89	1075.46
649	545.84	1152037.19	1073.33

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
650	4123800330	1870	5876	29	1880.5243446	6940.701623	42.63670412	0.036384626	20150501T000000
651	5468780020	2210	5929	11	1880.5243446	6940.701623	42.63670412	0.015824543	20150326T000000
652	2412600030	2180	7956	34	1880.5243446	6940.701623	42.63670412	0.003673314	20140623T000000
653	9477000280	1630	7969	37	1880.5243446	6940.701623	42.63670412	0.006862229	20140807T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
650	335000	3	2.25	2	0	0	3	7	1870	0	1986	0
651	330000	4	2.5	2	0	0	3	8	2210	0	2004	0
652	235000	6	3	2	0	0	3	7	2180	0	1980	0
653	412500	4	2.25	1	0	0	3	7	1100	530	1977	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
650	98038	47.3779	-122.045	1670	6203	1	0	0
651	98042	47.35	-122.139	2200	5901	1	0	1
652	98003	47.3054	-122.305	2214	7684	1	0	0
653	98034	47.7336	-122.19	1580	7440	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
650	#REF!	#REF!	#REF!	#REF!
651	#REF!	#REF!	#REF!	#REF!
652	#REF!	#REF!	#REF!	#REF!
653	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
650	#REF!	#REF!	-10.52	-1064.70	-13.6367	110.76	1133589.55
651	#REF!	#REF!	329.48	-1011.70	-31.6367	108554.21	1023540.17
652	#REF!	#REF!	299.48	1015.30	-8.6367	89685.67	1030830.79
653	#REF!	#REF!	-250.52	1028.30	-5.6367	62762.45	1057397.55

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
650	185.96	1133886.27	1064.84
651	1000.88	1133095.26	1064.47
652	74.59	1120591.06	1058.58
653	31.77	1120191.77	1058.39

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
654	5635100080	2542	6120	0	1880.5243446	6940.701623	42.63670412	0.018603989	20141031T000000
655	8682220230	2680	7625	12	1880.5243446	6940.701623	42.63670412	0.041919537	20141017T000000
656	2826049023	1880	7989	32	1880.5243446	6940.701623	42.63670412	0.04217293	20140729T000000
657	5423500240	1050	7577	31	1880.5243446	6940.701623	42.63670412	0.013699394	20140624T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
654	359950	4	2.5	2	0	0	3	8	2542	0	2014	0
655	779950	2	2.5	1	0	0	3	9	2680	0	2002	0
656	440000	3	2.25	1	0	0	3	7	1280	600	1982	0
657	194000	3	1	1	0	0	3	7	1050	0	1983	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
654	98030	47.3751	-122.188	2419	8984	1	0	1
655	98053	47.7094	-122.024	2310	7395	0	0	1
656	98125	47.7077	-122.299	1820	7414	0	1	0
657	98023	47.2891	-122.357	1430	7245	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
654	#REF!	#REF!	#REF!	#REF!
655	#REF!	#REF!	#REF!	#REF!
656	#REF!	#REF!	#REF!	#REF!
657	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
654	#REF!	#REF!	661.48	-820.70	-42.6367	437550.04	673551.15
655	#REF!	#REF!	799.48	684.30	-30.6367	639161.32	468264.27
656	#REF!	#REF!	-0.52	1048.30	-10.6367	0.27	1098929.49
657	#REF!	#REF!	-830.52	636.30	-11.6367	689770.69	404875.62

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
654	1817.89	1112919.09	1054.95
655	938.61	1108364.20	1052.79
656	113.14	1099042.90	1048.35
657	135.41	1094781.72	1046.32

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
658	7853300290	2570	6157	9	1880.5243446	6940.701623	42.63670412	0.002541789	20150324T000000
659	3055800020	1530	7920	60	1880.5243446	6940.701623	42.63670412	0.033763717	20150310T000000
660	3918400143	2750	7500	48	1880.5243446	6940.701623	42.63670412	0.000165669	20141016T000000
661	6150200375	860	6800	71	1880.5243446	6940.701623	42.63670412	0.042210332	20141001T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
658	490000	4	2.5	2	0	0	3	7	2570	0	2006	0
659	419950	4	1	1	0	0	3	7	1030	500	1955	0
660	710000	4	3	1	0	0	5	8	1630	1120	1966	0
661	227000	2	1	1	0	0	3	6	860	0	1943	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
658	98065	47.5389	-121.89	2060	5292	1	0	0
659	98166	47.4544	-122.36	1690	7920	0	1	0
660	98177	47.7134	-122.361	2440	7500	0	1	1
661	98133	47.7274	-122.337	1220	6800	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
658	#REF!	#REF!	#REF!	#REF!
659	#REF!	#REF!	#REF!	#REF!
660	#REF!	#REF!	#REF!	#REF!
661	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
658	#REF!	#REF!	689.48	-783.70	-33.6367	475376.68	614188.23
659	#REF!	#REF!	-350.52	979.30	17.3633	122867.32	959025.31
660	#REF!	#REF!	869.48	559.30	5.3633	755987.92	312814.67
661	#REF!	#REF!	-1020.52	-140.70	28.3633	1041469.94	19796.95

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
658	1131.43	1090696.34	1044.36
659	301.48	1082194.11	1040.29
660	28.76	1068831.35	1033.84
661	804.48	1062071.36	1030.57

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
662	3629000080	960	7400	53	1880.5243446	6940.701623	42.63670412	0.041165736	20150410T000000
663	9315300260	1100	7600	34	1880.5243446	6940.701623	42.63670412	0.026451529	20140521T000000
664	4137070830	2190	7904	20	1880.5243446	6940.701623	42.63670412	0.020730264	20150213T000000
665	2025700130	1510	6000	22	1880.5243446	6940.701623	42.63670412	0.008606321	20150129T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
662	237000	3	1.5	1	0	0	3	7	960	0	1962	0
663	189650	2	1.75	1	0	0	3	6	1100	0	1980	0
664	269100	3	2.5	2	0	0	3	8	2190	0	1995	0
665	269950	3	2.25	1	0	0	4	7	1150	360	1993	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
662	98198	47.3798	-122.306	1640	8060	0	0	0
663	98198	47.4136	-122.318	1230	7350	0	0	0
664	98092	47.2617	-122.21	2190	7669	1	0	1
665	98038	47.3484	-122.036	1510	6000	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
662	#REF!	#REF!	#REF!	#REF!
663	#REF!	#REF!	#REF!	#REF!
664	#REF!	#REF!	#REF!	#REF!
665	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
662	#REF!	#REF!	-920.52	459.30	10.3633	847365.07	210955.00
663	#REF!	#REF!	-780.52	659.30	-8.6367	609218.25	434674.35
664	#REF!	#REF!	309.48	963.30	-22.6367	95775.18	927943.76
665	#REF!	#REF!	-370.52	-940.70	-20.6367	137288.29	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
662	107.40	1058427.47	1028.80
663	74.59	1043967.20	1021.75
664	512.42	1024231.36	1012.04
665	425.87	1022633.71	1011.25

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
666	7935000125	1050	7500	114	1880.5243446	6940.701623	42.63670412	0.00339906	20140605T000000
667	4250200140	1890	5954	11	1880.5243446	6940.701623	42.63670412	0.035709793	20150219T000000
668	1562200040	2180	6000	49	1880.5243446	6940.701623	42.63670412	0.003586733	20150407T000000
669	9476200020	1010	7384	72	1880.5243446	6940.701623	42.63670412	0.0411027	20150306T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
666	440000	3	1	1	0	0	3	6	1050	0	1900	0
667	298500	4	2.5	2	0	0	3	7	1890	0	2004	0
668	635000	5	2.25	1	0	0	4	8	1430	750	1966	0
669	254000	3	1	1	0	2	5	6	1010	0	1943	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
666	98136	47.5473	-122.396	1380	7500	0	0	0
667	98092	47.3293	-122.194	2030	5880	1	0	0
668	98007	47.6235	-122.143	2160	8800	0	1	1
669	98056	47.4905	-122.191	1010	8000	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
666	#REF!	#REF!	#REF!	#REF!
667	#REF!	#REF!	#REF!	#REF!
668	#REF!	#REF!	#REF!	#REF!
669	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
666	#REF!	#REF!	-830.52	559.30	71.3633	689770.69	312814.67
667	#REF!	#REF!	9.48	-986.70	-31.6367	89.79	973580.09
668	#REF!	#REF!	299.48	-940.70	6.3633	89685.67	884919.54
669	#REF!	#REF!	-870.52	443.30	29.3633	757812.63	196513.45

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
666	5092.72	1007678.08	1003.83
667	1000.88	974670.76	987.25
668	40.49	974645.70	987.24
669	862.20	955188.29	977.34

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
670	1446400725	970	6600	49	1880.5243446	6940.701623	42.63670412	0.036625989	20140610T000000
671	3990000050	2670	7500	48	1880.5243446	6940.701623	42.63670412	0.03524948	20140616T000000
672	1189001180	1660	6000	35	1880.5243446	6940.701623	42.63670412	0.034162749	20140603T000000
673	9422400035	2090	6000	96	1880.5243446	6940.701623	42.63670412	0.031191839	20140912T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
670	165000	3	1	1	0	0	3	7	970	0	1965	0
671	465000	3	2.25	1	0	0	4	7	1640	1030	1966	0
672	425000	3	2.25	1	0	0	3	7	1110	550	1979	0
673	477500	2	2	2	0	1	3	7	2090	0	1918	1985

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
670	98168	47.4836	-122.332	1200	6600	0	0	0
671	98166	47.4608	-122.354	1970	9598	0	1	0
672	98122	47.6113	-122.297	1440	4080	0	1	0
673	98116	47.5732	-122.413	1600	5400	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
670	#REF!	#REF!	#REF!	#REF!
671	#REF!	#REF!	#REF!	#REF!
672	#REF!	#REF!	#REF!	#REF!
673	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
670	#REF!	#REF!	-910.52	-340.70	6.3633	829054.58	116077.60
671	#REF!	#REF!	789.48	559.30	5.3633	623271.81	312814.67
672	#REF!	#REF!	-220.52	-940.70	-7.6367	48630.99	884919.54
673	#REF!	#REF!	209.48	-940.70	53.3633	43880.05	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
670	40.49	945172.67	972.20
671	28.76	936115.25	967.53
672	58.32	933608.85	966.23
673	2847.64	931647.24	965.22

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
674	1328330350	1320	7725	37	1880.5243446	6940.701623	42.63670412	0.040413642	20150213T000000
675	142000175	2240	6050	64	1880.5243446	6940.701623	42.63670412	0.042661722	20140822T000000
676	3626039279	960	6700	63	1880.5243446	6940.701623	42.63670412	0.004041024	20140805T000000
677	23500180	2010	6000	39	1880.5243446	6940.701623	42.63670412	0.026966579	20140505T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
674	390000	3	1.75	1	0	0	3	8	1320	0	1978	0
675	625000	3	1.75	1	0	0	4	8	1250	990	1950	0
676	395000	2	1	1	0	0	3	7	960	0	1951	0
677	570000	3	2.25	1	0	0	3	8	1330	680	1975	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
674	98058	47.4425	-122.133	2020	7210	0	0	1
675	98116	47.5658	-122.4	1720	6050	0	1	1
676	98103	47.6955	-122.357	1350	6700	0	0	0
677	98052	47.6912	-122.115	2080	8260	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
674	#REF!	#REF!	#REF!	#REF!
675	#REF!	#REF!	#REF!	#REF!
676	#REF!	#REF!	#REF!	#REF!
677	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
674	#REF!	#REF!	-560.52	784.30	-5.6367	314187.54	615123.94
675	#REF!	#REF!	359.48	-890.70	21.3633	129222.75	793349.38
676	#REF!	#REF!	-920.52	-240.70	20.3633	847365.07	57937.27
677	#REF!	#REF!	129.48	-940.70	-3.6367	16763.95	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
674	31.77	929343.26	964.02
675	456.39	923028.52	960.74
676	414.66	905717.00	951.69
677	13.23	901696.71	949.58

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
678	2044500142	1770	6000	62	1880.5243446	6940.701623	42.63670412	0.044369736	20140902T000000
679	582000644	1990	6000	59	1880.5243446	6940.701623	42.63670412	0.020497627	20150501T000000
680	4222500020	1490	7800	52	1880.5243446	6940.701623	42.63670412	0.016438397	20150219T000000
681	2770604575	1930	6000	59	1880.5243446	6940.701623	42.63670412	0.043943796	20150506T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
678	420000	3	1.75	1	0	0	3	7	1130	640	1952	0
679	872500	4	2	1	0	0	3	9	1260	730	1956	2015
680	256400	3	1.5	1	0	0	3	7	1010	480	1963	0
681	560000	3	1.75	1	0	0	3	8	1130	800	1956	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
678	98125	47.7135	-122.315	1900	7200	0	1	0
679	98199	47.6515	-122.397	1770	6000	0	1	1
680	98003	47.3431	-122.304	1570	7800	0	1	0
681	98119	47.6516	-122.375	1870	6000	0	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
678	#REF!	#REF!	#REF!	#REF!
679	#REF!	#REF!	#REF!	#REF!
680	#REF!	#REF!	#REF!	#REF!
681	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
678	#REF!	#REF!	-110.52	-940.70	19.3633	12215.63	884919.54
679	#REF!	#REF!	109.48	-940.70	16.3633	11984.92	884919.54
680	#REF!	#REF!	-390.52	859.30	9.3633	152509.26	738393.70
681	#REF!	#REF!	49.48	-940.70	16.3633	2447.84	884919.54

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
678	374.94	897510.11	947.37
679	267.76	897172.22	947.19
680	87.67	890990.64	943.92
681	267.76	887635.14	942.14

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
682	7812801925	1850	6000	70	1880.5243446	6940.701623	42.63670412	0.038759142	20140624T000000
683	7691800130	2790	6720	12	1880.5243446	6940.701623	42.63670412	0.008333239	20140826T000000
684	7812801125	1110	6411	71	1880.5243446	6940.701623	42.63670412	0.036253885	20150112T000000
685	1545804510	2180	7813	28	1880.5243446	6940.701623	42.63670412	0.044116094	20140512T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
682	230000	4	1.75	1	0	0	4	6	1270	580	1944	0
683	650000	3	2.5	2	0	0	3	8	2790	0	2002	0
684	222900	2	1	1	0	0	3	6	1110	0	1944	0
685	302000	5	2.25	2	0	0	3	7	2180	0	1986	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
682	98178	47.4923	-122.247	1270	6600	0	1	0
683	98075	47.5958	-122.038	2620	6720	1	0	1
684	98178	47.4962	-122.242	1150	6504	0	0	0
685	98038	47.3651	-122.051	1880	8649	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
682	#REF!	#REF!	#REF!	#REF!
683	#REF!	#REF!	#REF!	#REF!
684	#REF!	#REF!	#REF!	#REF!
685	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
682	#REF!	#REF!	-30.52	-940.70	27.3633	931.74	884919.54
683	#REF!	#REF!	909.48	-220.70	-30.6367	827145.97	48709.21
684	#REF!	#REF!	-770.52	-529.70	28.3633	593707.77	280583.81
685	#REF!	#REF!	299.48	872.30	-14.6367	89685.67	760904.46

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
682	748.75	886600.03	941.59
683	938.61	876793.78	936.37
684	804.48	875096.05	935.47
685	214.23	850804.36	922.39

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
686	5104511840	2800	6977	11	1880.5243446	6940.701623	42.63670412	0.030946387	20140827T000000
687	5727500561	1360	6186	74	1880.5243446	6940.701623	42.63670412	0.039585025	20150414T000000
688	1446800710	1140	6400	53	1880.5243446	6940.701623	42.63670412	0.027333796	20150227T000000
689	6300000320	1240	7590	75	1880.5243446	6940.701623	42.63670412	0.001373604	20140821T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
686	449950	4	3	2	0	0	3	8	2800	0	2003	0
687	255544	3	1	1.5	0	0	4	6	760	600	1941	0
688	309000	3	1	1	0	0	3	7	1140	0	1962	0
689	359950	2	1	1	0	0	4	7	1040	200	1939	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
686	98038	47.3542	-122.014	2800	6600	1	0	1
687	98133	47.7503	-122.334	1610	7453	1	1	0
688	98168	47.4902	-122.331	1340	6650	0	0	0
689	98133	47.7061	-122.34	1190	5692	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
686	#REF!	#REF!	#REF!	#REF!
687	#REF!	#REF!	#REF!	#REF!
688	#REF!	#REF!	#REF!	#REF!
689	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
686	#REF!	#REF!	919.48	36.30	-31.6367	845435.48	1317.57
687	#REF!	#REF!	-520.52	-754.70	31.3633	270945.59	569574.54
688	#REF!	#REF!	-740.52	-540.70	10.3633	548376.30	292358.25
689	#REF!	#REF!	-640.52	649.30	32.3633	410271.44	421588.38

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
686	1000.88	847753.93	920.74
687	983.66	841503.79	917.34
688	107.40	840841.95	916.97
689	1047.38	832907.20	912.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
690	3574801110	2360	7716	36	1880.5243446	6940.701623	42.63670412	0.024027727	20141125T000000
691	2896000510	2120	7820	39	1880.5243446	6940.701623	42.63670412	0.026090424	20140821T000000
692	2755200040	1290	6272	92	1880.5243446	6940.701623	42.63670412	0.042633569	20140712T000000
693	3946900010	1820	6050	65	1880.5243446	6940.701623	42.63670412	0.028741455	20150323T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
690	405000	4	2.75	1	0	0	3	7	1390	970	1978	0
691	490000	4	2.5	1	0	0	3	8	1280	840	1975	0
692	492000	2	1	1	0	0	4	6	890	400	1922	0
693	500007	2	1.75	1	0	0	3	7	910	910	1950	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
690	98034	47.7301	-122.223	2160	8794	0	1	0
691	98052	47.6743	-122.145	2350	8605	0	1	1
692	98115	47.6777	-122.305	1260	5376	0	1	0
693	98115	47.6928	-122.323	1730	6050	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
690	#REF!	#REF!	#REF!	#REF!
691	#REF!	#REF!	#REF!	#REF!
692	#REF!	#REF!	#REF!	#REF!
693	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
690	#REF!	#REF!	479.48	775.30	-6.6367	229896.90	601087.57
691	#REF!	#REF!	239.48	879.30	-3.6367	57348.59	773165.64
692	#REF!	#REF!	-590.52	-668.70	49.3633	348719.00	447161.86
693	#REF!	#REF!	-60.52	-890.70	22.3633	3663.20	793349.38

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
690	44.05	831028.52	911.61
691	13.23	830527.45	911.33
692	2436.73	798317.60	893.49
693	500.12	797512.69	893.04

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
694	6384500590	1530	6125	56	1880.5243446	6940.701623	42.63670412	0.012551032	20141113T000000
695	5381000477	2560	7492	1	1880.5243446	6940.701623	42.63670412	0.021103339	20150128T000000
696	2354300550	1210	7500	64	1880.5243446	6940.701623	42.63670412	0.008770925	20150302T000000
697	7853321260	2550	6382	7	1880.5243446	6940.701623	42.63670412	0.026191417	20140908T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
694	526000	3	1.75	1	0	0	3	7	1120	410	1958	0
695	399500	4	2.5	2	0	0	3	8	2560	0	2014	0
696	460000	3	1.75	1	0	0	3	7	1210	0	1951	0
697	492000	4	2.5	2	0	0	3	7	2550	0	2007	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
694	98116	47.5687	-122.397	1360	6125	0	1	0
695	98188	47.4467	-122.287	1260	11541	1	0	1
696	98027	47.5294	-122.033	1250	6000	0	0	0
697	98065	47.5202	-121.87	2430	5900	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
694	#REF!	#REF!	#REF!	#REF!
695	#REF!	#REF!	#REF!	#REF!
696	#REF!	#REF!	#REF!	#REF!
697	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
694	#REF!	#REF!	-350.52	-815.70	13.3633	122867.32	665369.14
695	#REF!	#REF!	679.48	551.30	-41.6367	461687.17	303929.90
696	#REF!	#REF!	-670.52	559.30	21.3633	449602.90	312814.67
697	#REF!	#REF!	669.48	-558.70	-35.6367	448197.65	312147.50

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
694	178.58	788415.03	887.93
695	1733.62	767350.68	875.99
696	456.39	762873.96	873.43
697	1269.97	761615.13	872.71

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
698	9423400193	1050	7200	29	1880.5243446	6940.701623	42.63670412	0.013894105	20141226T000000
699	9460000110	2630	6500	56	1880.5243446	6940.701623	42.63670412	0.016678634	20140924T000000
700	1214000080	1750	7800	58	1880.5243446	6940.701623	42.63670412	0.009222525	20140626T000000
701	6413600285	1580	6127	67	1880.5243446	6940.701623	42.63670412	0.022600363	20140825T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
698	473000	3	2.75	1	0	0	3	7	1050	0	1985	0
699	280000	3	1.75	1	0	0	3	7	1330	1300	1958	0
700	329950	3	1	1	0	0	4	7	1150	600	1956	0
701	402000	3	1.75	1.5	0	0	5	7	1580	0	1947	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
698	98125	47.7163	-122.303	1860	9000	0	0	0
699	98055	47.4878	-122.221	2520	6500	0	1	0
700	98166	47.4596	-122.343	1750	7560	0	1	0
701	98125	47.7192	-122.32	1500	6128	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
698	#REF!	#REF!	#REF!	#REF!
699	#REF!	#REF!	#REF!	#REF!
700	#REF!	#REF!	#REF!	#REF!
701	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
698	#REF!	#REF!	-830.52	259.30	-13.6367	689770.69	67235.65
699	#REF!	#REF!	749.48	-440.70	13.3633	561713.76	194217.92
700	#REF!	#REF!	-130.52	859.30	15.3633	17036.60	738393.70
701	#REF!	#REF!	-300.52	-813.70	24.3633	90314.88	662110.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
698	185.96	757192.29	870.17
699	178.58	756110.26	869.55
700	236.03	755666.34	869.29
701	593.57	753018.78	867.77

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
702	103400160	1590	7748	23	1880.5243446	6940.701623	42.63670412	0.008789975	20140515T000000
703	3574801490	1230	7500	27	1880.5243446	6940.701623	42.63670412	0.011472319	20140609T000000
704	1769600147	2260	7701	14	1880.5243446	6940.701623	42.63670412	0.008787955	20140731T000000
705	8078410210	2170	7737	27	1880.5243446	6940.701623	42.63670412	0.018065063	20140616T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
702	263000	3	2.25	2	0	0	4	7	1590	0	1991	0
703	385000	3	1.75	1	0	0	3	7	1230	0	1987	0
704	477590	3	3.25	2	0	0	3	8	1760	500	2000	0
705	566000	4	2.25	2	0	0	3	8	2170	0	1987	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
702	98003	47.2857	-122.3	1590	7606	1	0	0
703	98034	47.7316	-122.224	1930	8747	0	0	0
704	98146	47.5053	-122.377	1880	7529	1	1	1
705	98074	47.637	-122.029	1850	8869	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
702	#REF!	#REF!	#REF!	#REF!
703	#REF!	#REF!	#REF!	#REF!
704	#REF!	#REF!	#REF!	#REF!
705	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
702	#REF!	#REF!	-290.52	807.30	-19.6367	84404.39	651730.67
703	#REF!	#REF!	-650.52	559.30	-15.6367	423181.92	312814.67
704	#REF!	#REF!	379.48	760.30	-28.6367	144001.77	578053.62
705	#REF!	#REF!	289.48	796.30	-15.6367	83796.16	634091.11

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
702	385.60	736520.66	858.21
703	244.51	736241.10	858.04
704	820.06	722875.46	850.22
705	244.51	718131.77	847.43

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
706	7454001210	1040	6860	72	1880.5243446	6940.701623	42.63670412	0.011930145	20140603T000000
707	8961800035	1190	7408	73	1880.5243446	6940.701623	42.63670412	0.01908522	20140605T000000
708	3575302759	1270	7500	32	1880.5243446	6940.701623	42.63670412	0.016049634	20140806T000000
709	579000550	1080	6760	91	1880.5243446	6940.701623	42.63670412	0.030988975	20141107T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
706	239000	3	1	2	0	0	3	6	1040	0	1942	0
707	229000	2	1	1	0	0	3	6	830	360	1941	0
708	365000	2	1.75	1	0	0	4	7	1270	0	1982	0
709	440000	2	1.5	1	0	2	3	6	1080	0	1923	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
706	98146	47.5121	-122.375	1030	6512	1	0	0
707	98168	47.5094	-122.31	1140	7408	0	1	0
708	98074	47.6186	-122.063	1280	7500	0	0	0
709	98117	47.7008	-122.386	2080	5800	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
706	#REF!	#REF!	#REF!	#REF!
707	#REF!	#REF!	#REF!	#REF!
708	#REF!	#REF!	#REF!	#REF!
709	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
706	#REF!	#REF!	-840.52	-80.70	29.3633	706481.17	6512.75
707	#REF!	#REF!	-690.52	467.30	30.3633	476823.87	218367.77
708	#REF!	#REF!	-610.52	559.30	-10.6367	372739.98	312814.67
709	#REF!	#REF!	-800.52	-180.70	48.3633	640839.23	32653.08

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
706	862.20	713856.13	844.90
707	921.93	696113.57	834.33
708	113.14	685667.79	828.05
709	2339.01	675831.31	822.09

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
710	3438500798	1060	6954	31	1880.5243446	6940.701623	42.63670412	0.028757341	20140715T000000
711	1545800730	1320	7540	47	1880.5243446	6940.701623	42.63670412	0.026342986	20150222T000000
712	5113400364	2480	6383	69	1880.5243446	6940.701623	42.63670412	0.043523064	20150126T000000
713	3339900640	1230	7420	101	1880.5243446	6940.701623	42.63670412	0.031140647	20140620T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
710	275000	3	1.5	1	0	0	4	6	1060	0	1983	0
711	269950	2	1.75	1	0	0	3	7	1320	0	1968	0
712	650000	4	1.5	1	0	0	3	7	1380	1100	1946	0
713	200000	3	2.25	1.5	0	0	5	7	1230	0	1913	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
710	98106	47.5498	-122.355	1560	6954	0	0	0
711	98038	47.3634	-122.052	1570	7540	0	0	0
712	98119	47.6445	-122.374	1440	6000	0	1	0
713	98002	47.3184	-122.22	1260	7556	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
710	#REF!	#REF!	#REF!	#REF!
711	#REF!	#REF!	#REF!	#REF!
712	#REF!	#REF!	#REF!	#REF!
713	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
710	#REF!	#REF!	-820.52	13.30	-11.6367	673260.20	176.85
711	#REF!	#REF!	-560.52	599.30	4.3633	314187.54	359158.54
712	#REF!	#REF!	599.48	-557.70	26.3633	359371.06	311031.10
713	#REF!	#REF!	-650.52	479.30	58.3633	423181.92	229726.93

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
710	135.41	673572.46	820.71
711	19.04	673365.12	820.59
712	695.02	671097.19	819.21
713	3406.27	656315.13	810.13

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
714	8661000033	1400	6300	16	1880.5243446	6940.701623	42.63670412	0.015860412	20140627T000000
715	259600790	1220	7370	50	1880.5243446	6940.701623	42.63670412	0.016998771	20141015T000000
716	9557300040	2590	7245	42	1880.5243446	6940.701623	42.63670412	0.033410339	20150225T000000
717	8091670030	2160	6223	4	1880.5243446	6940.701623	42.63670412	0.027091256	20140512T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
714	235000	3	1.75	1	0	0	3	7	1400	0	1998	0
715	500000	3	1.75	1	0	0	4	7	1220	0	1964	0
716	539000	5	2.25	1	0	0	3	8	1510	1080	1973	0
717	383000	4	2.5	2	0	0	3	8	2160	0	2010	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
714	98022	47.2074	-122.001	1400	8490	0	0	0
715	98008	47.6334	-122.12	1580	8213	0	0	0
716	98008	47.6398	-122.111	1930	7245	0	1	1
717	98038	47.3494	-122.042	2160	5555	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
714	#REF!	#REF!	#REF!	#REF!
715	#REF!	#REF!	#REF!	#REF!
716	#REF!	#REF!	#REF!	#REF!
717	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
714	#REF!	#REF!	-480.52	-640.70	-26.6367	230903.65	410498.57
715	#REF!	#REF!	-660.52	429.30	7.3633	436292.41	184297.10
716	#REF!	#REF!	709.48	304.30	-0.6367	503355.71	92597.50
717	#REF!	#REF!	279.48	-717.70	-38.6367	78106.64	515095.62

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
714	709.51	642111.73	801.32
715	54.22	620643.72	787.81
716	0.41	595953.61	771.98
717	1492.79	594695.06	771.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
718	3327000140	1190	7280	46	1880.5243446	6940.701623	42.63670412	0.028604469	20140617T000000
719	2501600150	1760	7700	53	1880.5243446	6940.701623	42.63670412	0.005770086	20150310T000000
720	8079010230	2600	7210	25	1880.5243446	6940.701623	42.63670412	0.029997483	20140603T000000
721	5592900230	1270	7400	58	1880.5243446	6940.701623	42.63670412	0.004591183	20141224T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
718	235000	3	1.75	1	0	0	4	7	1190	0	1968	0
719	194000	4	2	1	0	0	4	7	1760	0	1962	0
720	475000	3	2.5	2	0	0	3	8	2600	0	1989	0
721	320000	3	1	1	0	2	4	7	1270	0	1956	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
718	98092	47.3151	-122.19	1250	7800	0	0	0
719	98003	47.3299	-122.318	1870	7316	0	0	0
720	98059	47.5123	-122.151	2350	7225	1	0	1
721	98056	47.4831	-122.191	1800	7400	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
718	#REF!	#REF!	#REF!	#REF!
719	#REF!	#REF!	#REF!	#REF!
720	#REF!	#REF!	#REF!	#REF!
721	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
718	#REF!	#REF!	-690.52	339.30	3.3633	476823.87	115123.39
719	#REF!	#REF!	-120.52	759.30	10.3633	14526.12	576534.03
720	#REF!	#REF!	719.48	269.30	-17.6367	517645.22	72521.62
721	#REF!	#REF!	-610.52	459.30	15.3633	372739.98	210955.00

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
718	11.31	591958.57	769.39
719	107.40	591167.54	768.87
720	311.05	590477.89	768.43
721	236.03	583931.01	764.15

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
722	1442870040	2620	7001	2	1880.5243446	6940.701623	42.63670412	0.0000714	20140819T000000
723	9358002375	2290	6344	35	1880.5243446	6940.701623	42.63670412	0.03650528	20150305T000000
724	5089700750	2310	7490	34	1880.5243446	6940.701623	42.63670412	0.038466014	20140509T000000
725	2143700861	1340	7380	74	1880.5243446	6940.701623	42.63670412	0.015433993	20141030T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
722	499990	4	2.75	2	0	0	3	8	2620	0	2012	0
723	420000	6	3	2	0	0	3	7	2290	0	1980	0
724	320000	4	2.25	2	0	0	3	8	2310	0	1980	0
725	192000	2	1.75	1	0	0	3	6	1340	0	1940	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
722	98045	47.4838	-121.769	2620	6543	1	0	1
723	98126	47.565	-122.37	1360	3202	1	0	0
724	98055	47.4379	-122.192	2310	8480	1	0	1
725	98055	47.4785	-122.229	1980	9600	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
722	#REF!	#REF!	#REF!	#REF!
723	#REF!	#REF!	#REF!	#REF!
724	#REF!	#REF!	#REF!	#REF!
725	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
722	#REF!	#REF!	739.48	60.30	-40.6367	546824.24	3635.89
723	#REF!	#REF!	409.48	-596.70	-7.6367	167670.31	356052.83
724	#REF!	#REF!	429.48	549.30	-8.6367	184449.34	301728.71
725	#REF!	#REF!	-540.52	439.30	31.3633	292166.57	192983.06

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
722	1651.34	552111.48	743.04
723	58.32	523781.46	723.73
724	74.59	486252.64	697.32
725	983.66	486133.29	697.23

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
726	6669020500	2440	7350	36	1880.5243446	6940.701623	42.63670412	0.027033495	20140627T000000
727	1001200050	1260	7248	59	1880.5243446	6940.701623	42.63670412	0.00690064	20140923T000000
728	9542801990	1880	7632	36	1880.5243446	6940.701623	42.63670412	0.009239629	20140529T000000
729	7697920150	1830	7614	23	1880.5243446	6940.701623	42.63670412	0.028706364	20141002T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
726	330000	4	1.75	1	0	0	3	8	1610	830	1978	0
727	259000	4	1.5	1.5	0	0	5	7	1260	0	1955	0
728	266500	4	1.75	1	0	0	4	7	1180	700	1978	0
729	240000	4	2.25	2	0	0	3	7	1830	0	1991	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
726	98032	47.3743	-122.285	2180	7680	0	1	1
727	98188	47.433	-122.292	1300	7732	1	0	0
728	98023	47.3068	-122.372	1840	8528	0	1	0
729	98030	47.3682	-122.179	1860	6930	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
726	#REF!	#REF!	#REF!	#REF!
727	#REF!	#REF!	#REF!	#REF!
728	#REF!	#REF!	#REF!	#REF!
729	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
726	#REF!	#REF!	559.48	409.30	-6.6367	313013.01	167525.16
727	#REF!	#REF!	-620.52	307.30	16.3633	385050.46	94432.29
728	#REF!	#REF!	-0.52	691.30	-6.6367	0.27	477893.45
729	#REF!	#REF!	-50.52	673.30	-19.6367	2552.71	453330.70

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
726	44.05	480582.22	693.24
727	267.76	479750.51	692.64
728	44.05	477937.77	691.33
729	385.60	456269.01	675.48

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
730	9161100730	2130	6325	66	1880.5243446	6940.701623	42.63670412	0.034490126	20140701T000000
731	1473120190	2120	7560	23	1880.5243446	6940.701623	42.63670412	0.015475502	20140530T000000
732	316000160	1480	7469	74	1880.5243446	6940.701623	42.63670412	0.027410568	20140821T000000
733	1446401555	1320	6600	26	1880.5243446	6940.701623	42.63670412	0.009865469	20141208T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
730	620000	4	3	1	0	0	5	7	1440	690	1948	0
731	386000	3	2	1	0	0	3	9	2120	0	1991	0
732	260000	3	1	1.5	0	0	3	6	1120	360	1940	0
733	292000	3	1.75	1	0	0	3	7	1320	0	1988	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
730	98116	47.5683	-122.396	1240	6325	0	1	0
731	98058	47.435	-122.16	2660	7700	0	0	1
732	98168	47.5048	-122.301	1460	7379	1	1	0
733	98168	47.4838	-122.33	1070	6594	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
730	#REF!	#REF!	#REF!	#REF!
731	#REF!	#REF!	#REF!	#REF!
732	#REF!	#REF!	#REF!	#REF!
733	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
730	#REF!	#REF!	249.48	-615.70	23.3633	62238.10	379088.49
731	#REF!	#REF!	239.48	619.30	-19.6367	57348.59	383530.48
732	#REF!	#REF!	-400.52	528.30	31.3633	160419.75	279099.18
733	#REF!	#REF!	-560.52	-340.70	-16.6367	314187.54	116077.60

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
730	545.84	441872.43	664.73
731	385.60	441264.67	664.28
732	983.66	440502.58	663.70
733	276.78	430541.92	656.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
734	1321710460	2390	7350	24	1880.5243446	6940.701623	42.63670412	0.031478307	20141206T000000
735	455000760	2500	6733	36	1880.5243446	6940.701623	42.63670412	0.003829292	20150311T000000
736	2644900109	2190	7500	36	1880.5243446	6940.701623	42.63670412	0.042697643	20150427T000000
737	259801110	1250	7030	49	1880.5243446	6940.701623	42.63670412	0.001752515	20140828T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
734	319000	4	2.25	2	0	0	3	8	2390	0	1990	0
735	685000	3	2	1	0	0	3	8	1770	730	1979	0
736	439950	5	1.75	1	0	0	3	7	1290	900	1979	0
737	439000	3	1.75	1	0	0	3	7	1250	0	1965	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
734	98023	47.2938	-122.348	2390	7350	1	0	1
735	98107	47.6691	-122.36	1770	6343	0	1	1
736	98133	47.7766	-122.355	1790	8820	0	1	0
737	98008	47.6285	-122.118	1460	7210	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
734	#REF!	#REF!	#REF!	#REF!
735	#REF!	#REF!	#REF!	#REF!
736	#REF!	#REF!	#REF!	#REF!
737	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
734	#REF!	#REF!	509.48	409.30	-18.6367	259565.44	167525.16
735	#REF!	#REF!	619.48	-207.70	-6.6367	383750.09	43139.96
736	#REF!	#REF!	309.48	559.30	-6.6367	95775.18	312814.67
737	#REF!	#REF!	-630.52	89.30	6.3633	397560.95	7974.20

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
734	347.33	427437.93	653.79
735	44.05	426934.10	653.40
736	44.05	408633.90	639.24
737	40.49	405575.64	636.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
738	3575302575	2160	7500	35	1880.5243446	6940.701623	42.63670412	0.020288182	20140811T000000
739	5437810320	1950	7560	39	1880.5243446	6940.701623	42.63670412	0.008220429	20141117T000000
740	6607000126	2200	7475	59	1880.5243446	6940.701623	42.63670412	0.026760034	20140604T000000
741	7852110070	2300	7398	13	1880.5243446	6940.701623	42.63670412	0.016995688	20140608T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
738	532500	3	2.5	1	0	1	3	7	1430	730	1979	0
739	269950	3	1.5	1	0	2	4	7	1320	630	1975	0
740	375000	4	1.75	1	0	0	5	7	1100	1100	1955	0
741	567500	3	2.5	2	0	0	3	8	2300	0	2001	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
738	98074	47.6188	-122.064	1560	7500	0	1	0
739	98022	47.1976	-121.999	1950	8941	0	1	0
740	98118	47.543	-122.28	1600	5766	0	1	0
741	98065	47.5369	-121.876	2580	6983	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
738	#REF!	#REF!	#REF!	#REF!
739	#REF!	#REF!	#REF!	#REF!
740	#REF!	#REF!	#REF!	#REF!
741	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
738	#REF!	#REF!	279.48	559.30	-7.6367	78106.64	312814.67
739	#REF!	#REF!	69.48	619.30	-3.6367	4826.87	383530.48
740	#REF!	#REF!	319.48	534.30	16.3633	102064.69	285474.76
741	#REF!	#REF!	419.48	457.30	-29.6367	175959.83	209121.81

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
738	58.32	390979.64	625.28
739	13.23	388370.57	623.19
740	267.76	387807.21	622.74
741	878.33	385959.97	621.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
742	579000096	1620	7500	65	1880.5243446	6940.701623	42.63670412	0.001852718	20141010T000000
743	1954420170	2150	7484	26	1880.5243446	6940.701623	42.63670412	0.028110468	20140521T000000
744	8901001170	1660	7500	74	1880.5243446	6940.701623	42.63670412	0.005294823	20140514T000000
745	2473530100	2440	7155	21	1880.5243446	6940.701623	42.63670412	0.003691002	20140523T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
742	780000	3	1.5	1	0	2	4	8	1620	0	1949	0
743	368250	3	2.5	2	0	0	3	8	2150	0	1988	0
744	458000	3	1	1	0	0	4	7	1060	600	1940	0
745	388000	4	2.5	2	0	0	3	8	2440	0	1993	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
742	98117	47.7014	-122.381	2440	7800	0	0	1
743	98074	47.6191	-122.043	2150	6879	1	0	1
744	98125	47.7105	-122.306	1450	7500	0	1	0
745	98058	47.4501	-122.126	2450	8109	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
742	#REF!	#REF!	#REF!	#REF!
743	#REF!	#REF!	#REF!	#REF!
744	#REF!	#REF!	#REF!	#REF!
745	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
742	#REF!	#REF!	-260.52	559.30	22.3633	67872.93	312814.67
743	#REF!	#REF!	269.48	543.30	-16.6367	72617.13	295173.13
744	#REF!	#REF!	-220.52	559.30	31.3633	48630.99	312814.67
745	#REF!	#REF!	559.48	214.30	-21.6367	313013.01	45923.79

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
742	500.12	381187.73	617.40
743	276.78	368067.04	606.69
744	983.66	362429.32	602.02
745	468.15	359404.95	599.50

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
746	9238900390	1860	6360	60	1880.5243446	6940.701623	42.63670412	0.01269017	20140905T000000
747	2379300330	2450	6994	12	1880.5243446	6940.701623	42.63670412	0.012107296	20140702T000000
748	4137030040	1970	7500	26	1880.5243446	6940.701623	42.63670412	0.013721139	20140612T000000
749	7972601030	1380	7200	67	1880.5243446	6940.701623	42.63670412	0.036340673	20150420T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
746	460000	3	1	1	0	0	3	8	1470	390	1954	0
747	345000	5	2.5	2	0	0	3	8	2450	0	2002	0
748	299995	3	2.5	2	0	0	3	8	1970	0	1988	0
749	426000	3	1.5	1	0	0	3	7	1080	300	1948	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
746	98136	47.5327	-122.392	1770	6175	0	1	1
747	98030	47.3572	-122.192	1940	6035	1	0	1
748	98092	47.2658	-122.218	1950	8220	1	0	1
749	98106	47.5292	-122.348	1220	7200	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
746	#REF!	#REF!	#REF!	#REF!
747	#REF!	#REF!	#REF!	#REF!
748	#REF!	#REF!	#REF!	#REF!
749	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
746	#REF!	#REF!	-20.52	-580.70	17.3633	421.25	337214.37
747	#REF!	#REF!	569.48	53.30	-30.6367	324302.52	2840.72
748	#REF!	#REF!	89.48	559.30	-16.6367	8005.89	312814.67
749	#REF!	#REF!	-500.52	259.30	24.3633	250524.62	67235.65

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
746	301.48	337937.11	581.32
747	938.61	328081.85	572.78
748	276.78	321097.35	566.65
749	593.57	318353.84	564.23

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
750	5668500045	1450	7300	59	1880.5243446	6940.701623	42.63670412	0.023708942	20140917T000000
751	8731950910	1680	7455	47	1880.5243446	6940.701623	42.63670412	0.033861685	20150218T000000
752	3579000410	2010	7447	29	1880.5243446	6940.701623	42.63670412	0.014813898	20140905T000000
753	223039229	2390	6928	65	1880.5243446	6940.701623	42.63670412	0.035146631	20140902T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
750	375000	3	2	1.5	0	0	5	7	1450	0	1955	0
751	227000	3	1.75	1	0	0	4	8	1680	0	1968	0
752	500000	3	2.25	2	0	0	3	8	2010	0	1985	0
753	787500	2	2.5	2	0	3	4	8	1810	580	1949	1982

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
750	98133	47.7517	-122.342	1660	9069	1	0	0
751	98023	47.3112	-122.378	2040	8214	0	0	1
752	98028	47.747	-122.248	2230	7846	1	0	1
753	98146	47.5101	-122.391	2390	12852	1	1	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
750	#REF!	#REF!	#REF!	#REF!
751	#REF!	#REF!	#REF!	#REF!
752	#REF!	#REF!	#REF!	#REF!
753	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
750	#REF!	#REF!	-430.52	359.30	16.3633	185351.21	129095.32
751	#REF!	#REF!	-200.52	514.30	4.3633	40210.01	264502.82
752	#REF!	#REF!	129.48	506.30	-13.6367	16763.95	256338.05
753	#REF!	#REF!	509.48	-12.70	22.3633	259565.44	161.33

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
750	267.76	314714.29	560.99
751	19.04	304731.87	552.03
752	185.96	273287.95	522.77
753	500.12	260226.89	510.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
754	1446400670	1510	6600	76	1880.5243446	6940.701623	42.63670412	0.005464434	20140731T000000
755	2474400250	2310	7200	24	1880.5243446	6940.701623	42.63670412	0.042016147	20140630T000000
756	5422420120	1420	6788	24	1880.5243446	6940.701623	42.63670412	0.02061446	20140717T000000
757	9406520550	1646	7364	20	1880.5243446	6940.701623	42.63670412	0.017501069	20141027T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
754	199950	3	1.5	1	0	0	3	6	1510	0	1938	0
755	327500	3	2.25	2	0	0	3	8	2310	0	1990	0
756	252000	3	2	2	0	0	3	7	1420	0	1990	0
757	307500	3	2.25	2	0	0	3	7	1646	0	1994	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
754	98168	47.4821	-122.331	990	6600	0	0	0
755	98031	47.4051	-122.193	1960	7201	1	0	1
756	98023	47.2887	-122.351	1790	6607	1	0	0
757	98038	47.3646	-122.037	1975	9161	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
754	#REF!	#REF!	#REF!	#REF!
755	#REF!	#REF!	#REF!	#REF!
756	#REF!	#REF!	#REF!	#REF!
757	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
754	#REF!	#REF!	-370.52	-340.70	33.3633	137288.29	116077.60
755	#REF!	#REF!	429.48	259.30	-18.6367	184449.34	67235.65
756	#REF!	#REF!	-460.52	-152.70	-18.6367	212082.67	23317.79
757	#REF!	#REF!	-234.52	423.30	-22.6367	55001.67	179181.52

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
754	1113.11	254479.00	504.46
755	347.33	252032.31	502.03
756	347.33	235747.78	485.54
757	512.42	234695.60	484.45

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
758	4202400078	1410	7000	47	1880.5243446	6940.701623	42.63670412	0.04262163	20150128T000000
759	1895450200	2190	7294	12	1880.5243446	6940.701623	42.63670412	0.002333929	20150415T000000
760	2287400030	2260	7200	30	1880.5243446	6940.701623	42.63670412	0.043337616	20140626T000000
761	1545804340	1760	6500	28	1880.5243446	6940.701623	42.63670412	0.038704841	20150409T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
758	175000	2	1	1	0	0	3	7	1410	0	1968	0
759	349000	4	2.5	2	0	0	3	8	2190	0	2003	0
760	289659	4	2.25	2	0	0	4	7	2260	0	1984	0
761	240000	3	1.75	1	0	0	3	7	1150	610	1987	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
758	98055	47.4908	-122.223	1540	6000	0	0	0
759	98023	47.2923	-122.357	2240	7379	1	0	1
760	98031	47.4121	-122.183	1720	7200	1	0	0
761	98038	47.3647	-122.05	1760	8125	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
758	#REF!	#REF!	#REF!	#REF!
759	#REF!	#REF!	#REF!	#REF!
760	#REF!	#REF!	#REF!	#REF!
761	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
758	#REF!	#REF!	-470.52	59.30	4.3633	221393.16	3516.30
759	#REF!	#REF!	309.48	353.30	-30.6367	95775.18	124819.74
760	#REF!	#REF!	379.48	259.30	-12.6367	144001.77	67235.65
761	#REF!	#REF!	-120.52	-440.70	-14.6367	14526.12	194217.92

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
758	19.04	224928.49	474.27
759	938.61	221533.53	470.67
760	159.69	211397.11	459.78
761	214.23	208958.27	457.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
762	1310960220	2070	7350	37	1880.5243446	6940.701623	42.63670412	0.015581554	20140626T000000
763	2329800140	1580	6633	30	1880.5243446	6940.701623	42.63670412	0.02278609	20141203T000000
764	7968200090	2210	7214	11	1880.5243446	6940.701623	42.63670412	0.018103592	20140819T000000
765	104530490	1850	6519	28	1880.5243446	6940.701623	42.63670412	0.039367426	20140516T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
762	280927	4	2.25	2	0	0	4	8	2070	0	1977	0
763	291000	4	2.5	2	0	0	4	7	1580	0	1984	0
764	335000	4	2.5	2	0	0	3	8	2210	0	2003	0
765	248000	4	3.5	2	0	0	3	7	1130	720	1986	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
762	98032	47.3615	-122.274	2080	7210	1	0	1
763	98042	47.3768	-122.118	1590	6633	1	0	0
764	98003	47.3554	-122.298	2270	7246	1	0	1
765	98023	47.3087	-122.354	1280	6664	1	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
762	#REF!	#REF!	#REF!	#REF!
763	#REF!	#REF!	#REF!	#REF!
764	#REF!	#REF!	#REF!	#REF!
765	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
762	#REF!	#REF!	189.48	409.30	-5.6367	35901.02	167525.16
763	#REF!	#REF!	-300.52	-307.70	-12.6367	90314.88	94680.29
764	#REF!	#REF!	329.48	273.30	-31.6367	108554.21	74692.00
765	#REF!	#REF!	-30.52	-421.70	-14.6367	931.74	177832.26

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
762	31.77	203457.96	451.06
763	159.69	185154.86	430.30
764	1000.88	184247.09	429.24
765	214.23	178978.23	423.06

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
766	7436500360	1480	7040	40	1880.5243446	6940.701623	42.63670412	0.015467168	20140606T000000
767	7436400020	1840	7350	41	1880.5243446	6940.701623	42.63670412	0.013121795	20150325T000000
768	4178500150	1670	6600	24	1880.5243446	6940.701623	42.63670412	0.022800844	20140922T000000
769	104550540	1610	6650	26	1880.5243446	6940.701623	42.63670412	0.031878639	20150120T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
766	510000	3	1.75	1	0	0	3	7	1480	0	1974	0
767	585000	3	1.75	1	0	0	3	8	1370	470	1974	0
768	289000	3	2.25	2	0	0	4	7	1670	0	1990	0
769	259950	4	2	1	0	0	3	7	1610	0	1989	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
766	98033	47.6723	-122.169	2040	7810	0	0	0
767	98033	47.6729	-122.166	1920	8518	0	1	1
768	98042	47.3604	-122.089	1670	6801	1	0	0
769	98023	47.3085	-122.358	1960	6650	0	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
766	#REF!	#REF!	#REF!	#REF!
767	#REF!	#REF!	#REF!	#REF!
768	#REF!	#REF!	#REF!	#REF!
769	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
766	#REF!	#REF!	-400.52	99.30	-2.6367	160419.75	9860.17
767	#REF!	#REF!	-40.52	409.30	-1.6367	1642.22	167525.16
768	#REF!	#REF!	-210.52	-340.70	-18.6367	44320.50	116077.60
769	#REF!	#REF!	-270.52	-290.70	-16.6367	73183.42	84507.43

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
766	6.95	170286.87	412.66
767	2.68	169170.06	411.30
768	347.33	160745.42	400.93
769	276.78	157967.63	397.45

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
770	5561710110	1840	7326	35	1880.5243446	6940.701623	42.63670412	0.04414155	20141014T000000
771	2787320140	1890	7314	34	1880.5243446	6940.701623	42.63670412	0.026732506	20150324T000000
772	3216900070	2210	7079	21	1880.5243446	6940.701623	42.63670412	0.011278708	20140617T000000
773	6843600040	2040	7260	51	1880.5243446	6940.701623	42.63670412	0.012843317	20140702T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
770	319990	3	2.25	1	0	0	5	7	1370	470	1979	0
771	255000	3	2.25	1	0	0	3	7	1100	790	1981	0
772	382500	4	2.5	2	0	0	3	8	2210	0	1993	0
773	475000	4	2.5	2	0	0	4	7	2040	0	1963	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
770	98031	47.3958	-122.168	2050	7475	0	1	0
771	98031	47.4121	-122.172	1520	7676	0	1	0
772	98031	47.4206	-122.183	1970	7000	1	0	1
773	98133	47.7399	-122.332	2040	7360	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
770	#REF!	#REF!	#REF!	#REF!
771	#REF!	#REF!	#REF!	#REF!
772	#REF!	#REF!	#REF!	#REF!
773	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
770	#REF!	#REF!	-40.52	385.30	-7.6367	1642.22	148454.84
771	#REF!	#REF!	9.48	373.30	-8.6367	89.79	139351.68
772	#REF!	#REF!	329.48	138.30	-21.6367	108554.21	19126.44
773	#REF!	#REF!	159.48	319.30	8.3633	25432.48	101951.45

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
770	58.32	150155.38	387.50
771	74.59	139516.06	373.52
772	468.15	128148.80	357.98
773	69.94	127453.88	357.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
774	1454100122	1640	7201	66	1880.5243446	6940.701623	42.63670412	0.03308339	20140611T000000
775	2791500280	1650	6675	24	1880.5243446	6940.701623	42.63670412	0.019251325	20141119T000000
776	2314300170	2090	6667	17	1880.5243446	6940.701623	42.63670412	0.031076103	20141104T000000
777	1862900040	1650	6684	23	1880.5243446	6940.701623	42.63670412	0.013964367	20140626T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
774	405000	3	2	1	0	0	3	8	1640	0	1948	0
775	246000	3	2.5	1	0	0	3	8	1290	360	1990	0
776	405000	4	2.5	2	0	0	3	8	2090	0	1997	0
777	268000	3	2.5	2	0	0	3	7	1650	0	1991	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
774	98125	47.7216	-122.289	1750	7201	0	0	1
775	98023	47.2899	-122.372	1880	6675	0	1	1
776	98058	47.4648	-122.15	2250	6165	1	0	1
777	98031	47.4051	-122.184	1850	7048	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
774	#REF!	#REF!	#REF!	#REF!
775	#REF!	#REF!	#REF!	#REF!
776	#REF!	#REF!	#REF!	#REF!
777	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
774	#REF!	#REF!	-240.52	260.30	23.3633	57851.96	67755.25
775	#REF!	#REF!	-230.52	-265.70	-18.6367	53141.47	70597.35
776	#REF!	#REF!	209.48	-273.70	-25.6367	43880.05	74912.58
777	#REF!	#REF!	-230.52	-256.70	-19.6367	53141.47	65895.72

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
774	545.84	126153.05	355.18
775	347.33	124086.15	352.26
776	657.24	119449.87	345.62
777	385.60	119422.80	345.58

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
778	8025700460	1840	7275	39	1880.5243446	6940.701623	42.63670412	0.042459653	20150508T000000
779	1311500020	2080	7200	48	1880.5243446	6940.701623	42.63670412	0.042129188	20140703T000000
780	3034200247	1950	7260	58	1880.5243446	6940.701623	42.63670412	0.042662279	20150206T000000
781	8091411100	2000	7225	30	1880.5243446	6940.701623	42.63670412	0.013516316	20150204T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
778	279000	4	1.75	1	0	0	3	7	1090	750	1976	0
779	198000	4	1.75	1	0	0	4	7	1050	1030	1966	0
780	360000	3	1.75	1	0	0	3	8	1520	430	1957	0
781	334000	3	2.25	2	0	0	4	7	2000	0	1985	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
778	98031	47.4002	-122.189	1840	7275	0	1	0
779	98001	47.3385	-122.282	1500	7350	0	1	0
780	98133	47.7187	-122.33	1950	7548	0	1	1
781	98030	47.349	-122.167	1950	7464	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
778	#REF!	#REF!	#REF!	#REF!
779	#REF!	#REF!	#REF!	#REF!
780	#REF!	#REF!	#REF!	#REF!
781	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
778	#REF!	#REF!	-40.52	334.30	-3.6367	1642.22	111755.40
779	#REF!	#REF!	199.48	259.30	5.3633	39790.54	67235.65
780	#REF!	#REF!	69.48	319.30	15.3633	4826.87	101951.45
781	#REF!	#REF!	119.48	284.30	-12.6367	14274.43	80825.57

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
778	13.23	113410.85	336.77
779	28.76	107054.95	327.19
780	236.03	107014.35	327.13
781	159.69	95259.69	308.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
782	236400130	1820	7242	56	1880.5243446	6940.701623	42.63670412	0.037041011	20150123T000000
783	2473411240	1740	7208	39	1880.5243446	6940.701623	42.63670412	0.011391379	20150324T000000
784	7212660520	1600	6861	21	1880.5243446	6940.701623	42.63670412	0.034921309	20150326T000000
785	3260800190	2000	7205	17	1880.5243446	6940.701623	42.63670412	0.03272774	20150324T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
782	239975	3	2.5	1	0	0	3	7	1220	600	1959	0
783	329950	4	1.75	1.5	0	0	3	8	1740	0	1976	0
784	280000	4	2	1	0	0	3	7	1600	0	1994	0
785	325000	3	2.5	2	0	0	3	8	2000	0	1998	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
782	98188	47.4318	-122.292	1350	8214	0	1	0
783	98058	47.4483	-122.13	1680	7350	1	0	1
784	98003	47.2701	-122.313	1870	7455	0	0	0
785	98003	47.3499	-122.302	2180	7611	1	0	1

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
782	#REF!	#REF!	#REF!	#REF!
783	#REF!	#REF!	#REF!	#REF!
784	#REF!	#REF!	#REF!	#REF!
785	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
782	#REF!	#REF!	-60.52	301.30	13.3633	3663.20	90780.71
783	#REF!	#REF!	-140.52	267.30	-3.6367	19747.09	71448.42
784	#REF!	#REF!	-280.52	-79.70	-21.6367	78693.91	6352.35
785	#REF!	#REF!	119.48	264.30	-25.6367	14274.43	69853.63

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
782	178.58	94622.49	307.61
783	13.23	91208.74	302.01
784	468.15	85514.40	292.43
785	657.24	84785.30	291.18

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
786	1786640030	1790	7212	17	1880.5243446	6940.701623	42.63670412	0.026178624	20150202T000000
787	1226039130	1980	7200	50	1880.5243446	6940.701623	42.63670412	0.041814253	20141009T000000
788	1328330290	1990	7194	36	1880.5243446	6940.701623	42.63670412	0.034290814	20140729T000000
789	2215901840	1750	6725	22	1880.5243446	6940.701623	42.63670412	0.026139083	20150211T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
786	359950	3	2	1	0	0	4	8	1790	0	1998	0
787	355000	3	2.25	1	0	0	3	8	1300	680	1964	0
788	328000	4	1.75	1	0	0	4	8	1400	590	1978	0
789	199000	3	2.5	1	0	0	3	7	1330	420	1993	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
786	98042	47.3898	-122.154	2330	7212	0	0	1
787	98177	47.7625	-122.36	1820	8250	0	1	1
788	98058	47.4417	-122.135	1820	7400	0	1	1
789	98038	47.352	-122.058	1670	7744	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
786	#REF!	#REF!	#REF!	#REF!
787	#REF!	#REF!	#REF!	#REF!
788	#REF!	#REF!	#REF!	#REF!
789	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
786	#REF!	#REF!	-90.52	271.30	-25.6367	8194.66	73602.81
787	#REF!	#REF!	99.48	259.30	7.3633	9895.41	67235.65
788	#REF!	#REF!	109.48	253.30	-6.6367	11984.92	64160.07
789	#REF!	#REF!	-130.52	-215.70	-20.6367	17036.60	46527.19

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
786	657.24	82454.71	287.15
787	54.22	77185.27	277.82
788	44.05	76189.03	276.02
789	425.87	63989.67	252.96

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
790	3179102305	2100	6874	71	1880.5243446	6940.701623	42.63670412	0.018707478	20140717T000000
791	3876760430	1660	7003	18	1880.5243446	6940.701623	42.63670412	0.04169206	20140822T000000
792	1377800135	1730	6784	73	1880.5243446	6940.701623	42.63670412	0.044523374	20150402T000000
793	7345200650	1680	7000	46	1880.5243446	6940.701623	42.63670412	0.032850831	20141231T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
790	580000	3	1.75	1	0	0	3	7	1300	800	1943	0
791	269950	3	2.25	2	0	0	3	7	1660	0	1996	0
792	676000	3	2	2.5	0	0	4	7	1730	0	1942	0
793	219200	3	2	1.5	0	0	4	7	1680	0	1968	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
790	98115	47.6724	-122.279	2220	5912	0	1	0
791	98030	47.3599	-122.188	1840	6680	1	0	0
792	98199	47.6462	-122.403	1210	6784	1	0	0
793	98002	47.2775	-122.203	1540	7480	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
790	#REF!	#REF!	#REF!	#REF!
791	#REF!	#REF!	#REF!	#REF!
792	#REF!	#REF!	#REF!	#REF!
793	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
790	#REF!	#REF!	219.48	-66.70	28.3633	48169.56	4449.11
791	#REF!	#REF!	-220.52	62.30	-24.6367	48630.99	3881.09
792	#REF!	#REF!	-150.52	-156.70	30.3633	22657.58	24555.40
793	#REF!	#REF!	-200.52	59.30	3.3633	40210.01	3516.30

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
790	804.48	53423.15	231.13
791	606.97	53119.04	230.48
792	921.93	48134.91	219.40
793	11.31	43737.62	209.14

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
794	6752600050	2070	7007	18	1880.5243446	6940.701623	42.63670412	0.030578849	20140812T000000
795	3298700156	1780	6771	24	1880.5243446	6940.701623	42.63670412	0.018710445	20140610T000000
796	6669150790	1840	6750	34	1880.5243446	6940.701623	42.63670412	0.023892186	20140731T000000
797	421000285	1730	7020	62	1880.5243446	6940.701623	42.63670412	0.029659473	20150423T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
794	320000	4	2.5	2	0	0	3	7	2070	0	1996	0
795	310000	3	2.5	1	0	0	3	7	1230	550	1990	0
796	265000	3	2.25	1	0	0	4	7	1270	570	1980	0
797	268000	4	1.5	1.5	0	0	4	5	1730	0	1953	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
794	98031	47.3968	-122.171	2130	8100	1	0	0
795	98106	47.5237	-122.353	1780	6771	0	1	0
796	98031	47.4075	-122.172	1750	7004	0	1	0
797	98056	47.4939	-122.167	1110	7020	1	0	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
794	#REF!	#REF!	#REF!	#REF!
795	#REF!	#REF!	#REF!	#REF!
796	#REF!	#REF!	#REF!	#REF!
797	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
794	#REF!	#REF!	189.48	66.30	-24.6367	35901.02	4395.47
795	#REF!	#REF!	-100.52	-169.70	-18.6367	10105.14	28798.64
796	#REF!	#REF!	-40.52	-190.70	-8.6367	1642.22	36367.11
797	#REF!	#REF!	-150.52	79.30	19.3633	22657.58	6288.23

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
794	606.97	40903.47	202.25
795	347.33	39251.11	198.12
796	74.59	38083.92	195.15
797	374.94	29320.75	171.23

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum	SellDate
798	104550660	1870	6821	25	1880.5243446	6940.701623	42.63670412	0.005220166	20140728T000000
799	3529300330	1980	6922	23	1880.5243446	6940.701623	42.63670412	0.041997428	20141107T000000
800	1328320440	1960	7000	34	1880.5243446	6940.701623	42.63670412	0.021262808	20141210T000000
801	9510900140	1900	7000	47	1880.5243446	6940.701623	42.63670412	0.008258737	20150406T000000

Obs	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above	sqft_basement	yr_built	yr_renovated
798	275000	3	2.5	2	0	0	3	7	1870	0	1989	0
799	370000	3	2.5	2	0	0	5	8	1980	0	1991	0
800	355000	3	2.25	1	0	0	3	8	1600	360	1980	0
801	305000	4	2.5	1	0	0	2	7	1420	480	1968	0

Obs	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House	Has_Basement	Above_Average_Grade
798	98023	47.3065	-122.358	1970	6821	1	0	0
799	98031	47.396	-122.184	2090	7697	1	0	1
800	98058	47.4427	-122.126	1980	7140	0	1	1
801	98023	47.3092	-122.376	1600	7600	0	1	0

Obs	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End	sqft_living15_Outliers_Upper_End
798	#REF!	#REF!	#REF!	#REF!
799	#REF!	#REF!	#REF!	#REF!
800	#REF!	#REF!	#REF!	#REF!
801	#REF!	#REF!	#REF!	#REF!

Obs	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR
798	#REF!	#REF!	-10.52	-119.70	-17.6367	110.76	14328.48
799	#REF!	#REF!	99.48	-18.70	-19.6367	9895.41	349.75
800	#REF!	#REF!	79.48	59.30	-8.6367	6316.38	3516.30
801	#REF!	#REF!	19.48	59.30	4.3633	379.30	3516.30

Obs	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot
798	311.05	14750.29	121.45
799	385.60	10630.76	103.11
800	74.59	9907.27	99.54
801	19.04	3914.64	62.57

King County House Sales Cluster Analysis

Obs	sqft_livingC	sqft_lotC	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	SqrRootTot
1	779.48	9736.30	-17.6367	607582.30	94795506.09	311.05	9767.47
2	1399.48	9634.30	-0.6367	1958532.11	92819705.22	0.41	9735.41
3	-280.52	9569.30	-12.6367	78693.91	91571471.43	159.69	9573.42
4	749.48	9470.30	-2.6367	561713.76	89686551.35	6.95	9499.91
5	1029.48	9421.30	3.3633	1059820.13	88760863.11	11.31	9477.38
6	1569.48	9259.30	-11.6367	2463253.83	85734606.43	135.41	9391.38
7	-100.52	9349.30	-15.6367	10105.14	87409380.14	244.51	9349.85
8	559.48	8874.30	-41.6367	313013.01	78753171.68	1733.62	8892.01
9	339.48	8816.30	-10.6367	115243.72	77727117.07	113.14	8822.84
10	1439.48	8659.30	-5.6367	2072090.16	74983448.38	31.77	8778.13

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Initial Seeds			
Cluster	sqft_living	sqft_lot	Age_At_Sale
1	1650.00000	3031.00000	11.00000
2	1280.00000	10521.00000	55.00000
3	1840.00000	10720.00000	56.00000

Minimum Distance Between Initial Seeds =	594.308

Iteration History				
		Relative Change in Cluster Seeds		
Iteration	Criterion	1	2	3
1	1363.7	2.0715	3.8631	1.2152
2	940.6	0.4049	0.7982	1.2989
3	890.1	0.3631	0.2560	0.2207
4	882.7	0.1266	0.1064	0
5	881.5	0.0671	0.0557	0
6	881.3	0.0139	0.0427	0.0693
7	881.1	0.0123	0.0302	0.0459
8	880.9	0.0112	0.0312	0.0456
9	880.8	0.0241	0.0399	0.0445
10	880.7	0.0336	0.0389	0.0224
11	880.6	0	0	0

Convergence criterion is satisfied.

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
1	3	5001.6
2	3	4999.5
3	3	4845.5
4	3	4733.9
5	3	4720.5
6	3	4677.9
7	3	4608.2
8	3	4124.8
9	3	4058.4
10	3	4065.3
11	3	3421.3
12	3	3301.6
13	3	3542.3
14	3	2961.7
15	3	2925.6
16	3	2875.6
17	3	2777.9
18	3	2661.6
19	3	2510.6
20	3	2414.8
21	3	2323.9
22	3	2404.9
23	3	2440.7
24	3	2299.7
25	3	2248.5
26	3	2152.2
27	3	2127.3
28	3	2336.7
29	3	2016.2
30	3	2160.1
31	3	1955.9
32	3	1817.9
33	3	1838.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
34	1	3034.3
35	3	1877.7
36	3	1694.6
37	3	1509.5
38	3	1373.9
39	3	1610.3
40	1	2753.7
41	1	2738.6
42	1	2685.4
43	1	2661.0
44	1	2658.7
45	3	1193.9
46	1	2649.5
47	1	2604.2
48	3	1126.3
49	1	2578.9
50	1	2589.8
51	1	2563.5
52	1	2539.6
53	1	2556.7
54	1	2531.5
55	3	1375.2
56	1	2523.7
57	1	2521.7
58	1	2524.8
59	1	2507.9
60	1	2496.0
61	1	2496.3
62	3	1086.8
63	1	2472.1
64	3	1049.7
65	1	2401.4
66	1	2397.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
67	3	1193.4
68	3	1139.5
69	3	1014.4
70	1	2371.5
71	1	2356.4
72	1	2337.4
73	1	2321.1
74	1	2349.3
75	3	1179.3
76	1	2264.3
77	1	2263.9
78	3	987.5
79	1	2260.0
80	3	861.2
81	3	1037.8
82	1	2191.1
83	3	1318.7
84	1	2158.9
85	1	2146.0
86	1	2125.1
87	1	2102.7
88	1	2090.2
89	1	2072.0
90	3	808.7
91	1	2044.2
92	1	2040.1
93	3	1435.7
94	1	2028.7
95	1	2049.6
96	1	2021.4
97	1	2029.3
98	3	497.2
99	3	691.2

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
100	1	1986.9
101	1	1948.3
102	1	1941.1
103	3	708.3
104	1	1942.7
105	1	1885.6
106	1	1893.0
107	1	1873.2
108	3	360.0
109	3	1765.5
110	1	1797.6
111	3	334.8
112	3	530.1
113	3	444.0
114	1	1764.9
115	1	1756.0
116	1	1739.5
117	1	1705.8
118	3	451.1
119	1	1673.1
120	1	1640.0
121	3	478.9
122	3	1185.4
123	1	1986.6
124	3	1767.3
125	3	1021.2
126	3	1316.9
127	3	412.8
128	3	1019.2
129	3	399.6
130	1	1502.9
131	1	1439.6
132	3	231.4

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
133	1	1445.3
134	1	1420.9
135	1	1521.4
136	3	385.4
137	3	894.5
138	1	1498.2
139	1	1279.6
140	3	199.3
141	1	1298.7
142	1	1237.0
143	3	611.7
144	1	1250.1
145	3	1500.4
146	1	1176.5
147	1	1163.5
148	1	1152.3
149	3	334.9
150	1	1164.7
151	3	1964.2
152	1	1159.5
153	1	1123.9
154	3	1252.1
155	1	1089.3
156	1	1193.9
157	3	453.9
158	3	539.0
159	3	858.4
160	1	1375.9
161	1	979.1
162	1	1018.6
163	1	931.1
164	1	931.0
165	3	1696.0

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
166	3	721.5
167	1	1067.4
168	3	700.5
169	1	842.5
170	3	790.3
171	1	945.6
172	3	673.7
173	1	1088.3
174	1	751.0
175	3	1172.8
176	3	972.1
177	1	783.7
178	3	2214.4
179	1	1329.4
180	1	764.6
181	1	721.2
182	1	1073.7
183	1	699.1
184	3	1096.3
185	1	610.2
186	1	663.1
187	1	718.4
188	3	859.7
189	3	1097.4
190	3	958.9
191	3	1187.7
192	3	905.5
193	3	920.4
194	3	1213.2
195	3	1270.0
196	1	713.6
197	1	522.5
198	1	526.4

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
199	3	1118.5
200	1	856.8
201	1	955.0
202	3	1035.1
203	1	472.0
204	3	1032.4
205	3	1141.8
206	1	441.9
207	1	665.7
208	1	501.6
209	3	1055.3
210	3	1254.3
211	1	417.8
212	3	1501.8
213	1	399.3
214	3	1147.6
215	1	426.1
216	3	1480.2
217	3	1314.5
218	1	511.9
219	3	1652.2
220	3	2033.8
221	3	1434.1
222	1	897.0
223	1	760.2
224	1	684.4
225	3	1415.5
226	3	1303.0
227	3	1275.2
228	1	454.3
229	3	1535.7
230	3	1474.1
231	3	1316.8

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
232	1	481.4
233	1	545.2
234	1	891.2
235	1	437.4
236	3	1439.2
237	3	1638.4
238	1	288.7
239	1	674.0
240	1	130.9
241	1	392.7
242	3	1443.4
243	3	1625.6
244	3	1458.8
245	3	1933.8
246	1	468.7
247	3	1492.8
248	1	1720.0
249	2	2908.2
250	1	543.2
251	1	854.9
252	1	967.8
253	1	381.7
254	3	1522.4
255	3	2205.8
256	1	198.6
257	3	1865.0
258	1	576.2
259	3	1813.3
260	1	229.5
261	1	101.9
262	3	1872.5
263	3	2287.4
264	3	2013.6

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
265	1	170.8
266	1	161.2
267	3	1609.5
268	1	229.2
269	3	1644.2
270	1	150.0
271	3	1668.3
272	1	551.5
273	3	1820.7
274	1	980.5
275	1	435.0
276	3	1633.0
277	3	2071.4
278	1	1272.7
279	1	210.8
280	3	1891.4
281	3	1897.5
282	1	823.4
283	1	1215.7
284	3	1832.3
285	1	645.3
286	3	1932.7
287	3	1736.5
288	1	753.6
289	3	1775.6
290	3	1765.7
291	1	711.0
292	3	1848.1
293	1	636.9
294	1	1053.9
295	1	1053.9
296	3	1835.0
297	3	2099.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
298	1	1464.2
299	1	905.7
300	3	1773.4
301	1	388.0
302	3	1869.3
303	1	392.0
304	1	469.0
305	1	427.4
306	1	409.6
307	3	2370.0
308	3	2302.4
309	1	617.9
310	1	608.3
311	1	366.5
312	1	579.5
313	1	379.0
314	1	361.4
315	1	1132.4
316	1	446.2
317	3	2241.1
318	1	758.3
319	1	953.8
320	1	961.1
321	3	1924.0
322	1	824.9
323	3	1875.2
324	1	448.0
325	3	1899.4
326	1	613.9
327	1	497.2
328	1	1089.0
329	1	483.4
330	3	2021.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
331	3	2018.7
332	3	1998.7
333	1	1058.6
334	2	2298.7
335	1	526.2
336	1	946.3
337	1	897.5
338	2	2261.8
339	1	764.6
340	1	838.0
341	3	2005.2
342	3	2019.7
343	1	624.8
344	1	566.6
345	3	2152.0
346	2	2217.5
347	2	2206.7
348	1	1026.8
349	3	2059.9
350	1	1081.1
351	1	586.9
352	2	2193.5
353	2	2181.9
354	1	1435.3
355	1	747.2
356	2	2121.4
357	2	2104.2
358	2	2105.3
359	2	2155.5
360	2	2109.9
361	1	909.9
362	1	1220.8
363	1	1154.5

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
364	1	741.3
365	1	2235.6
366	2	2097.9
367	1	1049.3
368	1	1960.5
369	1	1341.8
370	1	1436.9
371	1	865.1
372	1	1134.6
373	1	902.7
374	2	1964.2
375	1	1039.2
376	2	1957.9
377	2	1917.8
378	1	2224.0
379	2	1906.8
380	2	1916.5
381	1	1039.4
382	2	1944.3
383	2	1897.0
384	2	1882.9
385	1	2194.5
386	2	1856.8
387	2	1887.3
388	1	1445.0
389	1	1163.7
390	2	1822.1
391	1	1081.0
392	2	1803.3
393	2	1770.3
394	1	1764.8
395	1	1186.0
396	2	1882.9

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
397	1	1989.0
398	2	1747.6
399	2	1991.1
400	2	1724.5
401	2	2336.2
402	1	1486.9
403	1	1263.8
404	1	1138.6
405	2	1687.3
406	1	1625.5
407	1	1888.6
408	2	1766.8
409	1	1881.6
410	2	2350.1
411	2	1658.6
412	1	1204.1
413	1	1557.6
414	1	1277.7
415	1	1192.2
416	1	1343.9
417	2	1639.7
418	1	2364.9
419	1	1133.6
420	1	1554.4
421	1	1185.1
422	1	1231.2
423	1	1209.2
424	1	1192.9
425	1	1233.6
426	2	1668.5
427	2	1579.4
428	1	1689.5
429	2	1585.4

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
430	1	1684.7
431	2	1622.6
432	1	1250.8
433	2	1552.5
434	1	1766.7
435	1	1332.2
436	1	1747.9
437	1	1290.7
438	1	1219.3
439	1	1239.0
440	1	1471.0
441	2	1544.1
442	1	1670.6
443	1	2140.4
444	1	1301.4
445	2	1515.3
446	1	1244.0
447	2	1516.8
448	1	1433.4
449	2	1487.8
450	1	1704.0
451	1	1466.7
452	2	1515.8
453	1	1591.1
454	2	1466.3
455	1	1568.9
456	2	1441.9
457	1	1385.4
458	1	1529.8
459	2	2385.3
460	2	1458.3
461	2	1424.4
462	1	1471.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
463	1	1487.5
464	1	1623.0
465	2	1704.2
466	1	1824.7
467	1	1389.2
468	1	1367.1
469	1	1537.2
470	1	1452.8
471	1	1568.9
472	1	1450.6
473	1	1363.4
474	1	1439.5
475	1	1361.0
476	1	1371.4
477	1	1654.2
478	2	1449.8
479	1	1770.5
480	2	1510.6
481	1	1591.9
482	2	1427.3
483	2	1382.3
484	2	1346.2
485	2	1361.1
486	2	1454.7
487	2	1357.9
488	1	1513.2
489	1	1806.4
490	1	1492.3
491	2	1388.4
492	2	1454.2
493	1	1849.0
494	2	1295.7
495	1	1485.0

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
496	1	1679.1
497	2	1331.4
498	2	1248.4
499	1	1859.9
500	2	1354.7
501	1	1686.5
502	2	1266.1
503	2	1240.5
504	2	1360.4
505	2	1214.3
506	1	1638.0
507	1	1829.3
508	1	2060.0
509	2	1284.5
510	2	2134.5
511	1	1613.0
512	1	1731.8
513	1	1564.3
514	2	1203.6
515	2	1211.7
516	1	2138.0
517	2	1223.0
518	2	1193.8
519	2	1144.9
520	1	1729.1
521	2	1136.0
522	1	1713.4
523	2	1183.9
524	2	2118.4
525	2	1126.6
526	2	1272.0
527	2	1099.4
528	2	1363.9

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
529	2	1144.1
530	2	1086.5
531	2	2061.8
532	2	1246.4
533	1	1702.5
534	1	1758.5
535	2	1109.0
536	2	2095.5
537	2	2099.8
538	2	2086.7
539	2	1040.0
540	1	1771.1
541	2	2085.2
542	2	1037.4
543	2	1247.9
544	1	1742.4
545	2	2053.8
546	2	1133.1
547	2	1938.5
548	2	1074.0
549	1	1752.8
550	2	1154.9
551	2	1058.4
552	1	1764.1
553	1	2008.6
554	2	1076.9
555	2	1873.3
556	1	1960.9
557	2	983.1
558	1	1813.0
559	2	1935.5
560	2	2006.1
561	2	934.7

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
562	2	1942.8
563	2	1689.1
564	1	1902.7
565	2	1942.1
566	2	1055.8
567	2	1897.9
568	2	1933.4
569	2	1137.6
570	1	1866.1
571	2	1874.6
572	2	982.5
573	2	1306.3
574	2	1088.5
575	2	1914.6
576	1	1902.3
577	2	903.9
578	2	932.5
579	2	921.7
580	2	1185.4
581	2	1098.1
582	2	989.9
583	2	855.4
584	2	1729.9
585	2	828.6
586	2	1126.2
587	2	1464.8
588	2	1804.7
589	2	797.2
590	2	1889.6
591	2	760.8
592	2	1726.1
593	2	1726.0
594	2	864.7

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
595	2	1600.3
596	2	1567.3
597	2	774.8
598	2	898.6
599	2	1092.6
600	2	796.0
601	2	762.7
602	2	739.4
603	2	858.2
604	2	1530.4
605	2	1180.5
606	2	1056.7
607	2	1721.0
608	2	1796.3
609	2	765.5
610	2	1706.2
611	2	872.7
612	2	1749.2
613	2	759.3
614	2	1781.9
615	2	1773.2
616	2	735.6
617	2	1751.5
618	2	1201.8
619	2	1159.6
620	2	1142.3
621	2	681.2
622	2	1099.8
623	2	709.8
624	2	1688.0
625	2	1235.9
626	2	1743.1
627	2	725.6

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
628	2	643.6
629	2	750.1
630	2	635.1
631	2	1573.5
632	2	703.2
633	2	961.7
634	2	888.2
635	2	593.2
636	2	1402.4
637	2	1110.8
638	2	631.6
639	2	808.4
640	2	1605.0
641	2	1604.8
642	2	971.8
643	2	1594.2
644	2	1639.8
645	2	1604.8
646	2	1222.0
647	2	1591.8
648	2	1597.3
649	2	1118.8
650	2	1620.6
651	2	1593.8
652	2	528.8
653	2	554.8
654	2	1510.7
655	2	771.9
656	2	494.9
657	2	873.5
658	2	1488.8
659	2	576.2
660	2	830.4

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
661	2	1268.0
662	2	964.4
663	2	826.2
664	2	490.1
665	2	1551.0
666	2	872.5
667	2	1542.4
668	2	1518.3
669	2	916.9
670	2	1305.5
671	2	750.4
672	2	1518.2
673	2	1506.4
674	2	641.9
675	2	1481.1
676	2	1246.8
677	2	1498.6
678	2	1503.4
679	2	1497.6
680	2	526.5
681	2	1496.0
682	2	1497.7
683	2	1166.4
684	2	1353.9
685	2	410.6
686	2	1022.4
687	2	1424.7
688	2	1344.9
689	2	686.8
690	2	492.4
691	2	381.1
692	2	1377.2
693	2	1449.4

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
694	2	1425.2
695	2	641.8
696	2	709.9
697	2	1280.4
698	2	918.6
699	2	1223.3
700	2	348.6
701	2	1410.5
702	2	415.5
703	2	689.8
704	2	398.5
705	2	348.0
706	2	1085.7
707	2	735.5
708	2	649.7
709	2	1117.4
710	2	1016.2
711	2	601.2
712	2	1246.2
713	2	696.2
714	2	1304.1
715	2	710.9
716	2	715.8
717	2	1295.9
718	2	760.9
719	2	259.3
720	2	738.2
721	2	656.8
722	2	858.5
723	2	1209.9
724	2	390.5
725	2	591.9
726	2	540.5

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
727	2	704.8
728	2	142.0
729	2	149.6
730	2	1189.8
731	2	211.4
732	2	441.5
733	2	1078.1
734	2	492.9
735	2	958.6
736	2	270.5
737	2	815.7
738	2	240.6
739	2	71.1132
740	2	281.6
741	2	393.9
742	2	300.4
743	2	231.3
744	2	261.5
745	2	622.5
746	2	1137.5
747	2	730.8
748	2	53.3044
749	2	615.8
750	2	509.0
751	2	243.1
752	2	103.7
753	2	737.7
754	2	985.6
755	2	490.2
756	2	866.6
757	2	304.6
758	2	711.0
759	2	338.8

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
760	2	451.2
761	2	1008.6
762	2	209.6
763	2	927.3
764	2	405.9
765	2	979.4
766	2	633.3
767	2	166.1
768	2	930.1
769	2	900.9
770	2	187.7
771	2	184.4
772	2	508.5
773	2	264.9
774	2	407.0
775	2	864.2
776	2	846.6
777	2	855.7
778	2	234.8
779	2	336.6
780	2	238.3
781	2	282.8
782	2	273.0
783	2	339.3
784	2	711.1
785	2	302.8
786	2	313.1
787	2	302.0
788	2	310.0
789	2	789.5
790	2	648.1
791	2	557.6
792	2	737.3

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Listing		
Obs	Cluster	Distance from Seed
793	2	550.7
794	2	512.0
795	2	738.4
796	2	750.1
797	2	512.6
798	2	676.9
799	2	577.3
800	2	497.6
801	2	496.2

Criterion Based on Final Seeds =	880.6

Cluster Summary						
Cluster	Frequency	RMS Std Deviation	Maximum Distance from Seed to Observation	Radius Exceeded	Nearest Cluster	Distance Between Cluster Centroids
1	293	870.3	3034.3		2	3863.9
2	345	739.8	2908.2		1	3863.9
3	163	1143.2	5001.6		2	4210.9

Statistics for Variables				
Variable	Total STD	Within STD	R-Square	RSQ/(1-RSQ)
sqft_living	704.12788	679.87964	0.070019	0.075291
sqft_lot	3256	1368	0.823890	4.678282
Age_At_Sale	29.63501	29.66070	0.000770	0.000771
OVER-ALL	1924	882.25799	0.790153	3.765366

Pseudo F Statistic =	1502.38

Approximate Expected Over-All R-Squared =	0.84993

Cubic Clustering Criterion =	-8.143

WARNING: The two values above are invalid for correlated variables.

King County House Sales Cluster Analysis

The FASTCLUS Procedure
Replace=RANDOM Radius=0 Maxclusters=3 Maxiter=20 Converge=0.02

Cluster Means			
Cluster	**sqft_living**	**sqft_lot**	**Age_At_Sale**
1	1669.98635	3640.01706	43.28669
2	1919.59420	7495.82899	42.82899
3	2176.28221	11698.87117	41.06135

Cluster Standard Deviations			
Cluster	**sqft_living**	**sqft_lot**	**Age_At_Sale**
1	608.822285	1378.505592	38.406528
2	688.128198	1080.566382	25.039789
3	776.743404	1821.221711	18.533151

Distance Between Cluster Centroids			
Nearest Cluster	**1**	**2**	**3**
1	.	3863.882744	8074.742712
2	3863.882744	.	4210.873475
3	8074.742712	4210.873475	.

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
1	5088500310	2660	16677	25	1880.5243446	6940.701623	42.63670412	0.007812107
2	240000130	3280	16575	42	1880.5243446	6940.701623	42.63670412	0.011369049
3	3882300100	1600	16510	30	1880.5243446	6940.701623	42.63670412	0.032335494
4	8917100180	2630	16411	40	1880.5243446	6940.701623	42.63670412	0.010478275

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
1	20150312T000000	435000	3	2	1	0	0	3	9	2210
2	20141013T000000	706000	4	2.5	1	0	0	3	9	2190
3	20141201T000000	490000	3	1.75	1	0	0	3	8	1600
4	20140604T000000	583000	6	2.75	1	0	0	4	8	1650

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
1	450	1990	0	98038	47.3689	-122.055	2660	11355	0
2	1090	1972	0	98188	47.426	-122.285	1570	13209	0
3	0	1984	0	98052	47.6601	-122.135	1510	10407	0
4	980	1974	0	98052	47.6309	-122.093	2250	12255	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
1	1	1	#REF!	#REF!	#REF!
2	1	1	#REF!	#REF!	#REF!
3	0	1	#REF!	#REF!	#REF!
4	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
1	#REF!	#REF!	#REF!	779.48	9736.30
2	#REF!	#REF!	#REF!	1399.48	9634.30
3	#REF!	#REF!	#REF!	-280.52	9569.30
4	#REF!	#REF!	#REF!	749.48	9470.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
1	-17.6367	607582.30	94795506.09	311.05	95403399.44	9767.47	3	5001.60
2	-0.6367	1958532.11	92819705.22	0.41	94778237.73	9735.41	3	4999.48
3	-12.6367	78693.91	91571471.43	159.69	91650325.02	9573.42	3	4845.53
4	-2.6367	561713.76	89686551.35	6.95	90248272.06	9499.91	3	4733.92

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
5	5152800030	2910	16362	46	1880.5243446	6940.701623	42.63670412	0.034601114
6	7504100920	3450	16200	31	1880.5243446	6940.701623	42.63670412	0.002355165
7	8856890200	1780	16290	27	1880.5243446	6940.701623	42.63670412	0.036818387
8	4027700021	2440	15815	1	1880.5243446	6940.701623	42.63670412	0.036873293

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
5	20150421T000000	485000	4	2.75	1	0	2	4	9	2120
6	20140618T000000	688000	3	3	2	0	0	3	10	3450
7	20140626T000000	350000	3	2.25	2	0	0	4	8	1780
8	20150311T000000	680000	5	3.25	2	0	0	3	8	1990

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
5	790	1969	0	98003	47.3397	-122.322	2850	14904	0
6	0	1983	0	98074	47.6319	-122.041	3130	12150	1
7	0	1987	0	98058	47.4622	-122.127	1780	8810	1
8	450	2014	0	98155	47.774	-122.28	2500	14201	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
5	1	1	#REF!	#REF!	#REF!
6	0	1	#REF!	#REF!	#REF!
7	0	1	#REF!	#REF!	#REF!
8	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
5	#REF!	#REF!	#REF!	1029.48	9421.30
6	#REF!	#REF!	#REF!	1569.48	9259.30
7	#REF!	#REF!	#REF!	-100.52	9349.30
8	#REF!	#REF!	#REF!	559.48	8874.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
5	3.3633	1059820.13	88760863.11	11.31	89820694.55	9477.38	3	4720.50
6	-11.6367	2463253.83	85734606.43	135.41	88197995.68	9391.38	3	4677.89
7	-15.6367	10105.14	87409380.14	244.51	87419729.79	9349.85	3	4608.22
8	-41.6367	313013.01	78753171.68	1733.62	79067918.31	8892.01	3	4124.76

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
9	3578400500	2220	15757	32	1880.5243446	6940.701623	42.63670412	0.042102295
10	3298600340	3320	15600	37	1880.5243446	6940.701623	42.63670412	0.011845469
11	4046700140	1680	15084	35	1880.5243446	6940.701623	42.63670412	0.024204902
12	3396800280	2120	15000	32	1880.5243446	6940.701623	42.63670412	0.024715817

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
9	20141209T000000	558000	3	2.25	1	0	0	3	8	1280
10	20140905T000000	400000	6	3	1	0	0	4	8	1660
11	20141002T000000	340000	4	1.75	1	0	0	4	7	840
12	20150223T000000	637000	4	2.5	2	0	0	4	8	2120

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
9	940	1982	0	98074	47.6212	-122.043	2020	14098	0
10	1660	1977	0	98092	47.2983	-122.166	2330	15360	0
11	840	1979	0	98014	47.6895	-121.912	1800	15092	0
12	0	1983	0	98052	47.7159	-122.1	2170	15000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
9	1	1	#REF!	#REF!	#REF!
10	1	1	#REF!	#REF!	#REF!
11	1	0	#REF!	#REF!	#REF!
12	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
9	#REF!	#REF!	#REF!	339.48	8816.30
10	#REF!	#REF!	#REF!	1439.48	8659.30
11	#REF!	#REF!	#REF!	-200.52	8143.30
12	#REF!	#REF!	#REF!	239.48	8059.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
9	-10.6367	115243.72	77727117.07	113.14	77842473.93	8822.84	3	4058.37
10	-5.6367	2072090.16	74983448.38	31.77	77055570.32	8778.13	3	4065.33
11	-7.6367	40210.01	66313308.46	58.32	66353576.79	8145.77	3	3421.32
12	-10.6367	57348.59	64952290.33	113.14	65009752.06	8062.86	3	3301.62

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
13	7852160070	4210	14599	11	1880.5243446	6940.701623	42.63670412	0.020904008
14	2144800311	2080	14659	54	1880.5243446	6940.701623	42.63670412	0.021208524
15	2867300170	3402	14355	1	1880.5243446	6940.701623	42.63670412	0.043282885
16	9542100165	3720	14125	54	1880.5243446	6940.701623	42.63670412	0.002249352

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
13	20150105T000000	937500	5	3.75	2	0	3	3	10	4210
14	20141113T000000	315000	2	1	1	0	0	3	7	1040
15	20150513T000000	498000	4	2.5	2	0	0	3	10	2846
16	20141107T000000	875000	4	3	1	0	0	4	9	1930

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
13	0	2004	0	98065	47.5364	-121.858	3950	13591	1
14	1040	1960	0	98178	47.4858	-122.231	1920	15208	0
15	556	2014	0	98023	47.3009	-122.385	3402	8487	1
16	1790	1960	0	98005	47.5911	-122.177	3160	15300	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
13	0	1	#REF!	#REF!	#REF!
14	1	0	#REF!	#REF!	#REF!
15	1	1	#REF!	#REF!	#REF!
16	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
13	#REF!	#REF!	#REF!	2329.48	7658.30
14	#REF!	#REF!	#REF!	199.48	7718.30
15	#REF!	#REF!	#REF!	1521.48	7414.30
16	#REF!	#REF!	#REF!	1839.48	7184.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
13	-31.6367	5426456.83	58649534.03	1000.88	64076991.74	8004.81	3	3542.27
14	11.3633	39790.54	59572129.84	129.12	59612049.50	7720.88	3	2961.72
15	-41.6367	2314888.17	54971820.42	1733.62	57288442.21	7568.91	3	2925.58
16	11.3633	3383670.69	51614143.17	129.12	54997942.98	7416.06	3	2875.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
17	7327500200	1180	14292	33	1880.5243446	6940.701623	42.63670412	0.011625693
18	7715600070	1560	14288	70	1880.5243446	6940.701623	42.63670412	0.03565073
19	4139660040	3180	14000	17	1880.5243446	6940.701623	42.63670412	0.023692724
20	4027701220	1610	14046	81	1880.5243446	6940.701623	42.63670412	0.019229936

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
17	20140618T000000	455000	3	1.75	1	0	0	3	7	1180
18	20141212T000000	385000	3	1.75	1	0	0	3	6	780
19	20141121T000000	760000	5	3.5	2	0	0	5	10	3180
20	20140828T000000	259000	3	2	2	0	0	3	7	1610

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
17	0	1981	0	98045	47.4818	-121.733	1480	14400	0
18	780	1944	0	98125	47.7183	-122.306	1320	8928	0
19	0	1997	0	98006	47.5501	-122.128	3670	14450	1
20	0	1933	1988	98028	47.7704	-122.264	2410	9000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
17	0	0	#REF!	#REF!	#REF!
18	1	0	#REF!	#REF!	#REF!
19	0	1	#REF!	#REF!	#REF!
20	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
17	#REF!	#REF!	#REF!	-700.52	7351.30
18	#REF!	#REF!	#REF!	-320.52	7347.30
19	#REF!	#REF!	#REF!	1299.48	7059.30
20	#REF!	#REF!	#REF!	-270.52	7105.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
17	-9.6367	490734.36	54041587.83	92.87	54532415.05	7384.61	3	2777.94
18	27.3633	102735.86	53982793.44	748.75	54086278.05	7354.34	3	2661.62
19	-25.6367	1688636.98	49833693.58	657.24	51522987.80	7177.95	3	2510.62
20	38.3633	73183.42	50485265.03	1471.74	50559920.19	7110.55	3	2414.81

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
21	5152100160	2400	14012	44	1880.5243446	6940.701623	42.63670412	0.029877098
22	7893203450	1400	13975	59	1880.5243446	6940.701623	42.63670412	0.032402222
23	3793700210	1180	13927	52	1880.5243446	6940.701623	42.63670412	0.004429132
24	7334600170	1390	13860	35	1880.5243446	6940.701623	42.63670412	0.041091041

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
21	20150219T000000	357000	3	1.75	1	0	0	3	9	2400
22	20150323T000000	280000	3	1	1	0	0	4	6	1400
23	20140613T000000	299000	3	1.75	1	0	0	5	7	1180
24	20141013T000000	345000	3	1.5	2	0	0	3	7	1390

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
21	0	1971	0	98003	47.3371	-122.325	2800	13988	0
22	0	1956	0	98198	47.4195	-122.33	1260	7500	0
23	0	1962	0	98059	47.4818	-122.094	1400	13173	0
24	0	1979	0	98045	47.4704	-121.747	1390	11860	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
21	0	1	#REF!	#REF!	#REF!
22	0	0	#REF!	#REF!	#REF!
23	0	0	#REF!	#REF!	#REF!
24	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
21	#REF!	#REF!	#REF!	519.48	7071.30
22	#REF!	#REF!	#REF!	-480.52	7034.30
23	#REF!	#REF!	#REF!	-700.52	6986.30
24	#REF!	#REF!	#REF!	-490.52	6919.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
21	1.3633	269854.96	50003260.74	1.86	50273117.55	7090.35	3	2323.92
22	16.3633	230903.65	49481353.66	267.76	49712525.06	7050.71	3	2404.93
23	9.3633	490734.36	48808365.01	87.67	49299187.04	7021.34	3	2440.75
24	-7.6367	240614.13	47876690.03	58.32	48117362.48	6936.67	3	2299.73

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
25	5450300020	3020	13783	62	1880.5243446	6940.701623	42.63670412	0.039157217
26	8582010240	2110	13850	27	1880.5243446	6940.701623	42.63670412	0.017593066
27	6205500580	2640	13775	36	1880.5243446	6940.701623	42.63670412	0.011500992
28	123039364	970	13700	65	1880.5243446	6940.701623	42.63670412	0.041763877

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
25	20140618T000000	900000	6	3	2	0	0	3	8	3020
26	20140506T000000	606000	4	2.5	2	0	0	3	9	2110
27	20141210T000000	530000	3	2.5	1	0	0	3	8	1550
28	20140521T000000	300000	2	1	1	0	0	3	6	970

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
25	0	1952	2002	98040	47.5722	-122.226	1720	13500	1
26	0	1987	0	98027	47.5497	-122.077	2520	10194	1
27	1090	1978	0	98005	47.5875	-122.177	2120	12432	0
28	0	1949	0	98106	47.515	-122.362	1570	10880	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
25	0	1	#REF!	#REF!	#REF!
26	0	1	#REF!	#REF!	#REF!
27	1	1	#REF!	#REF!	#REF!
28	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
25	#REF!	#REF!	#REF!	1139.48	6842.30
26	#REF!	#REF!	#REF!	229.48	6909.30
27	#REF!	#REF!	#REF!	759.48	6834.30
28	#REF!	#REF!	#REF!	-910.52	6759.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
25	19.3633	1298404.77	46817047.08	374.94	48115826.79	6936.56	3	2248.53
26	-15.6367	52659.08	47738404.06	244.51	47791307.65	6913.13	3	2152.20
27	-6.6367	576803.27	46707634.31	44.05	47284481.62	6876.37	3	2127.29
28	22.3633	829054.58	45688114.55	500.12	46517669.25	6820.39	3	2336.71

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
29	1449000270	3020	13530	37	1880.5243446	6940.701623	42.63670412	0.013133385
30	5608010980	3480	13421	19	1880.5243446	6940.701623	42.63670412	0.014471163
31	5469502860	2980	13482	40	1880.5243446	6940.701623	42.63670412	0.017186996
32	2422049107	2250	13515	74	1880.5243446	6940.701623	42.63670412	0.002356538

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
29	20140806T000000	670000	4	2.75	1	0	0	4	8	1540
30	20141007T000000	878000	4	2.5	2	0	0	3	11	3480
31	20150107T000000	350000	5	2.75	1	0	0	4	8	1730
32	20140508T000000	350000	4	1.75	1	0	0	4	8	2150

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
29	1480	1977	0	98052	47.6299	-122.099	2230	11896	0
30	0	1995	0	98027	47.5504	-122.097	3290	9642	1
31	1250	1975	0	98042	47.3774	-122.16	2900	14800	0
32	100	1940	0	98030	47.3789	-122.229	2150	12508	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
29	1	1	#REF!	#REF!	#REF!
30	0	1	#REF!	#REF!	#REF!
31	1	1	#REF!	#REF!	#REF!
32	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
29	#REF!	#REF!	#REF!	1139.48	6589.30
30	#REF!	#REF!	#REF!	1599.48	6480.30
31	#REF!	#REF!	#REF!	1099.48	6541.30
32	#REF!	#REF!	#REF!	369.48	6574.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
29	-5.6367	1298404.77	43418853.10	31.77	44717289.64	6687.10	3	2016.16
30	-23.6367	2558322.37	41994267.06	558.69	44553148.12	6674.81	3	2160.07
31	-2.6367	1208846.72	42788584.46	6.95	43997438.13	6633.06	3	1955.89
32	31.3633	136512.26	43221399.15	983.66	43358895.07	6584.75	3	1817.92

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
33	8832900135	3320	13138	51	1880.5243446	6940.701623	42.63670412	0.04185846
34	9524100196	680	772	9	1880.5243446	6940.701623	42.63670412	0.006818283
35	5469500640	3530	13000	30	1880.5243446	6940.701623	42.63670412	0.033280928
36	9407100720	1390	13200	35	1880.5243446	6940.701623	42.63670412	0.017524342

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
33	20150113T000000	769000	5	2.25	1	0	2	4	9	1900
34	20141117T000000	239000	2	1.5	2	0	0	3	7	680
35	20150224T000000	583500	3	2.25	2.5	0	0	4	10	3530
36	20141107T000000	290000	3	1.75	2	0	0	3	7	1390

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
33	1420	1964	0	98028	47.759	-122.269	2820	13138	0
34	0	2005	0	98103	47.695	-122.343	690	1059	1
35	0	1985	0	98042	47.3823	-122.159	2960	13000	1
36	0	1979	0	98045	47.4429	-121.771	1430	10725	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
33	1	1	#REF!	#REF!	#REF!
34	0	0	#REF!	#REF!	#REF!
35	0	1	#REF!	#REF!	#REF!
36	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
33	#REF!	#REF!	#REF!	1439.48	6197.30
34	#REF!	#REF!	#REF!	-1200.52	-6168.70
35	#REF!	#REF!	#REF!	1649.48	6059.30
36	#REF!	#REF!	#REF!	-490.52	6259.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
33	8.3633	2072090.16	38406507.17	69.94	40478667.28	6362.28	3	1838.28
34	-33.6367	1441258.70	38052879.71	1131.43	39495269.84	6284.53	1	3034.27
35	-12.6367	2720769.94	36715096.82	159.69	39436026.45	6279.81	3	1877.66
36	-7.6367	240614.13	39178816.17	58.32	39419488.62	6278.49	3	1694.60

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
37	6181700625	2990	12970	67	1880.5243446	6940.701623	42.63670412	0.040438382
38	2212500430	2500	13034	52	1880.5243446	6940.701623	42.63670412	0.026855291
39	925059137	3270	12880	0	1880.5243446	6940.701623	42.63670412	0.023652421
40	2770601775	1230	922	5	1880.5243446	6940.701623	42.63670412	0.001664031

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
37	20150220T000000	590000	4	2	1.5	0	2	4	7	1960
38	20140814T000000	323000	5	2.5	1	0	0	3	7	1300
39	20140602T000000	939000	4	2.75	2	0	0	3	9	3270
40	20141128T000000	399950	3	2.5	2	0	0	3	8	1080

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
37	1030	1948	0	98028	47.7605	-122.258	2500	10680	1
38	1200	1962	0	98092	47.3343	-122.194	2440	13300	0
39	0	2014	0	98033	47.6679	-122.172	2420	7505	1
40	150	2009	0	98199	47.6518	-122.384	1230	1237	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
37	1	0	#REF!	#REF!	#REF!
38	1	0	#REF!	#REF!	#REF!
39	0	1	#REF!	#REF!	#REF!
40	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
37	#REF!	#REF!	#REF!	1109.48	6029.30
38	#REF!	#REF!	#REF!	619.48	6093.30
39	#REF!	#REF!	#REF!	1389.48	5939.30
40	#REF!	#REF!	#REF!	-650.52	-6018.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
37	24.3633	1230936.23	36352438.92	593.57	37583968.72	6130.58	3	1509.50
38	9.3633	383750.09	37128285.11	87.67	37512122.87	6124.71	3	1373.86
39	-42.6367	1930642.60	35275265.21	1817.89	37207725.70	6099.81	3	1610.27
40	-37.6367	423181.92	36224769.23	1416.52	36649367.67	6053.87	1	2753.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
41	1355300009	1390	916	7	1880.5243446	6940.701623	42.63670412	0.023693291
42	6003500743	1540	958	7	1880.5243446	6940.701623	42.63670412	0.036548764
43	2902201126	1420	991	10	1880.5243446	6940.701623	42.63670412	0.025905773
44	1972200227	1160	1031	6	1880.5243446	6940.701623	42.63670412	0.043321902

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
41	20141120T000000	625000	2	2.25	2	0	0	3	8	1165
42	20140519T000000	640000	2	2.25	3	0	0	3	9	1540
43	20150401T000000	615000	3	3	2	0	0	3	8	1040
44	20141007T000000	459000	3	1.5	3	0	0	3	8	1160

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
41	225	2007	0	98122	47.6168	-122.314	1415	1488	1
42	0	2007	0	98122	47.6179	-122.318	1410	958	1
43	380	2005	0	98102	47.6408	-122.327	1500	1301	1
44	0	2008	0	98103	47.6538	-122.357	1268	1688	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
41	1	1	#REF!	#REF!	#REF!
42	0	1	#REF!	#REF!	#REF!
43	1	1	#REF!	#REF!	#REF!
44	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
41	#REF!	#REF!	#REF!	-490.52	-6024.70
42	#REF!	#REF!	#REF!	-340.52	-5982.70
43	#REF!	#REF!	#REF!	-460.52	-5949.70
44	#REF!	#REF!	#REF!	-720.52	-5909.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
41	-35.6367	240614.13	36297029.65	1269.97	36538913.75	6044.74	1	2738.61
42	-35.6367	115956.83	35792718.71	1269.97	35909945.51	5992.49	1	2685.41
43	-32.6367	212082.67	35398949.40	1065.15	35612097.23	5967.59	1	2660.99
44	-36.6367	519155.33	34924573.27	1342.25	35445070.85	5953.58	1	2658.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
45	5151600300	2500	12848	39	1880.5243446	6940.701623	42.63670412	0.029585006
46	3448001412	988	1080	8	1880.5243446	6940.701623	42.63670412	0.012856576
47	832700240	1270	1067	5	1880.5243446	6940.701623	42.63670412	0.011378761
48	6977000040	2190	12825	25	1880.5243446	6940.701623	42.63670412	0.01506743

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
45	20140812T000000	390000	4	2.75	1	0	1	3	8	2120
46	20150430T000000	295000	2	1.5	3	0	0	3	7	988
47	20141003T000000	325000	3	1.5	3	0	0	3	8	1270
48	20140823T000000	625000	4	3	1	0	0	3	9	1520

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
45	380	1975	0	98003	47.3364	-122.321	2370	12497	0
46	0	2007	0	98125	47.7123	-122.301	1128	1080	1
47	0	2009	0	98133	47.7236	-122.353	1090	1118	1
48	670	1989	0	98034	47.7107	-122.229	3050	4673	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
45	1	1	#REF!	#REF!	#REF!
46	0	0	#REF!	#REF!	#REF!
47	0	1	#REF!	#REF!	#REF!
48	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
45	#REF!	#REF!	#REF!	619.48	5907.30
46	#REF!	#REF!	#REF!	-892.52	-5860.70
47	#REF!	#REF!	#REF!	-610.52	-5873.70
48	#REF!	#REF!	#REF!	309.48	5884.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
45	-3.6367	383750.09	34896174.12	13.23	35279937.43	5939.69	3	1193.86
46	-34.6367	796599.71	34347823.51	1199.70	35145622.92	5928.37	1	2649.54
47	-37.6367	372739.98	34500370.76	1416.52	34874527.25	5905.47	1	2604.20
48	-17.6367	95775.18	34624967.39	311.05	34721053.62	5892.46	3	1126.33

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
49	9126100813	1620	1062	0	1880.5243446	6940.701623	42.63670412	0.006197315
50	955000453	1100	1114	6	1880.5243446	6940.701623	42.63670412	0.030497888
51	8024200684	1400	1091	7	1880.5243446	6940.701623	42.63670412	0.041625553
52	3362400431	1590	1102	4	1880.5243446	6940.701623	42.63670412	0.033208206

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
49	20140828T000000	490000	3	2.25	3	0	0	3	8	1620
50	20150413T000000	574000	2	2.25	2	0	0	3	8	900
51	20141125T000000	419500	3	1.5	3	0	0	3	8	1400
52	20140626T000000	518500	3	3.5	3	0	0	3	8	1590

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
49	0	2014	0	98122	47.6051	-122.304	1560	1728	1
50	200	2009	0	98122	47.6199	-122.304	1230	1800	1
51	0	2007	0	98115	47.6989	-122.317	1270	1413	1
52	0	2010	0	98103	47.6824	-122.347	1620	3166	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
49	0	1	#REF!	#REF!	#REF!
50	1	1	#REF!	#REF!	#REF!
51	0	1	#REF!	#REF!	#REF!
52	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
49	#REF!	#REF!	#REF!	-260.52	-5878.70
50	#REF!	#REF!	#REF!	-780.52	-5826.70
51	#REF!	#REF!	#REF!	-480.52	-5849.70
52	#REF!	#REF!	#REF!	-290.52	-5838.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
49	-42.6367	67872.93	34559132.77	1817.89	34628823.59	5884.63	1	2578.86
50	-36.6367	609218.25	33950451.80	1342.25	34561012.30	5878.86	1	2589.79
51	-35.6367	230903.65	34219009.08	1269.97	34451182.70	5869.51	1	2563.53
52	-38.6367	84404.39	34090436.64	1492.79	34176333.83	5846.05	1	2539.58

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
53	952006728	1070	1155	9	1880.5243446	6940.701623	42.63670412	0.031511438
54	6300500477	1509	1114	0	1880.5243446	6940.701623	42.63670412	0.009383867
55	3423049165	1270	12733	60	1880.5243446	6940.701623	42.63670412	0.004893305
56	3278612450	1800	1120	4	1880.5243446	6940.701623	42.63670412	0.007733297

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
53	20140613T000000	330000	3	2.5	2	0	0	3	7	720
54	20140826T000000	401500	3	2.5	3	0	0	3	8	1509
55	20150331T000000	240000	3	1	1	0	0	3	7	1270
56	20150407T000000	391000	3	2.5	2	0	0	3	8	1800

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
53	350	2005	0	98102	47.5617	-122.385	1120	2594	1
54	0	2014	0	98133	47.7048	-122.34	1509	2431	1
55	0	1955	0	98188	47.445	-122.276	1660	11536	0
56	0	2011	0	98126	47.5436	-122.369	1800	2380	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
53	1	0	#REF!	#REF!	#REF!
54	0	1	#REF!	#REF!	#REF!
55	0	0	#REF!	#REF!	#REF!
56	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
53	#REF!	#REF!	#REF!	-810.52	-5785.70
54	#REF!	#REF!	#REF!	-371.52	-5826.70
55	#REF!	#REF!	#REF!	-610.52	5792.30
56	#REF!	#REF!	#REF!	-80.52	-5820.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
53	-33.6367	656949.71	33474343.27	1131.43	34132424.41	5842.30	1	2556.65
54	-42.6367	138030.34	33950451.80	1817.89	34090300.03	5838.69	1	2531.51
55	17.3633	372739.98	33550720.49	301.48	33923761.95	5824.41	3	1375.18
56	-38.6367	6484.17	33880567.38	1492.79	33888544.35	5821.39	1	2523.67

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
57	8929000250	1210	1161	1	1880.5243446	6940.701623	42.63670412	0.032298958
58	6749700006	1090	1183	6	1880.5243446	6940.701623	42.63670412	0.001293191
59	2768200212	1320	1157	0	1880.5243446	6940.701623	42.63670412	0.010121427
60	9126101090	1760	1146	0	1880.5243446	6940.701623	42.63670412	0.027890533

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
57	20150413T000000	395000	2	1.75	2	0	0	3	8	1210
58	20140715T000000	306000	2	1.5	3	0	0	3	8	1090
59	20140911T000000	499950	2	2.5	2	0	0	3	8	990
60	20140531T000000	615000	3	2.25	3	0	0	3	9	1760

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
57	0	2014	0	98029	47.5513	-121.998	1700	2285	1
58	0	2008	0	98103	47.6974	-122.349	1110	1384	1
59	330	2014	0	98107	47.6689	-122.363	1550	1519	1
60	0	2014	0	98122	47.6073	-122.304	1346	3472	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
57	0	1	#REF!	#REF!	#REF!
58	0	1	#REF!	#REF!	#REF!
59	1	1	#REF!	#REF!	#REF!
60	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
57	#REF!	#REF!	#REF!	-670.52	-5779.70
58	#REF!	#REF!	#REF!	-790.52	-5757.70
59	#REF!	#REF!	#REF!	-560.52	-5783.70
60	#REF!	#REF!	#REF!	-120.52	-5794.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
57	-41.6367	449602.90	33404950.85	1733.62	33856287.36	5818.62	1	2521.69
58	-36.6367	624928.74	33151127.98	1342.25	33777398.97	5811.83	1	2524.82
59	-42.6367	314187.54	33451204.46	1817.89	33767209.89	5810.96	1	2507.93
60	-42.6367	14526.12	33578566.90	1817.89	33594910.91	5796.11	1	2496.02

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
61	6056111067	1140	1201	0	1880.5243446	6940.701623	42.63670412	0.015893007
62	5151600120	2660	12672	54	1880.5243446	6940.701623	42.63670412	0.005516507
63	7899800730	1350	1189	8	1880.5243446	6940.701623	42.63670412	0.001378406
64	644000185	1820	12686	62	1880.5243446	6940.701623	42.63670412	0.012125366

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
61	20140707T000000	230000	3	1.75	2	0	0	3	8	1140
62	20140618T000000	310000	4	2.5	1	0	0	4	8	1740
63	20150324T000000	270000	3	2.5	2	0	0	3	7	1080
64	20140707T000000	875000	3	1.5	1	0	0	4	7	1820

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
61	0	2014	0	98108	47.5637	-122.295	1210	1552	1
62	920	1960	0	98003	47.3334	-122.323	2280	12477	0
63	270	2007	0	98106	47.5218	-122.358	1300	1182	1
64	0	1952	0	98004	47.5886	-122.195	3020	11550	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
61	0	1	#REF!	#REF!	#REF!
62	1	1	#REF!	#REF!	#REF!
63	1	0	#REF!	#REF!	#REF!
64	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
61	#REF!	#REF!	#REF!	-740.52	-5739.70
62	#REF!	#REF!	#REF!	779.48	5731.30
63	#REF!	#REF!	#REF!	-530.52	-5751.70
64	#REF!	#REF!	#REF!	-60.52	5745.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
61	-42.6367	548376.30	32944174.72	1817.89	33494368.91	5787.43	1	2496.31
62	11.3633	607582.30	32847781.09	129.12	33455492.51	5784.07	3	1086.80
63	-34.6367	281456.08	33082071.56	1199.70	33364727.34	5776.22	1	2472.07
64	19.3633	3663.20	33008453.44	374.94	33012491.57	5745.65	3	1049.67

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
65	4310701577	1410	1253	9	1880.5243446	6940.701623	42.63670412	0.040361423
66	2767704603	1500	1249	10	1880.5243446	6940.701623	42.63670412	0.041015587
67	808300180	3040	12522	15	1880.5243446	6940.701623	42.63670412	0.039177471
68	1775800800	1500	12616	48	1880.5243446	6940.701623	42.63670412	0.021785162

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
65	20140509T000000	382000	3	3.25	3	0	0	3	8	1410
66	20140609T000000	489000	3	3.5	2	0	0	3	8	1240
67	20150211T000000	454000	4	2.5	2	0	0	3	7	3040
68	20150224T000000	396000	3	1	1	0	0	3	7	1500

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
65	0	2005	0	98103	47.6981	-122.34	1410	1253	1
66	260	2004	0	98107	47.6727	-122.373	1440	1850	1
67	0	2000	0	98019	47.7247	-121.959	2490	9742	1
68	0	1967	0	98072	47.7415	-122.101	1820	13950	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
65	0	1	#REF!	#REF!	#REF!
66	1	1	#REF!	#REF!	#REF!
67	0	0	#REF!	#REF!	#REF!
68	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
65	#REF!	#REF!	#REF!	-470.52	-5687.70
66	#REF!	#REF!	#REF!	-380.52	-5691.70
67	#REF!	#REF!	#REF!	1159.48	5581.30
68	#REF!	#REF!	#REF!	-380.52	5675.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
65	-33.6367	221393.16	32349949.75	1131.43	32572474.34	5707.23	1	2401.38
66	-32.6367	144798.78	32395467.36	1065.15	32541331.30	5704.50	1	2397.28
67	-27.6367	1344383.80	31150891.57	763.79	32496039.16	5700.53	3	1193.41
68	5.3633	144798.78	32209011.67	28.76	32353839.21	5688.04	3	1139.53

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
69	6306810110	2714	12558	0	1880.5243446	6940.701623	42.63670412	0.032639281
70	9828702251	1640	1269	5	1880.5243446	6940.701623	42.63670412	0.018563422
71	2767603591	1320	1310	8	1880.5243446	6940.701623	42.63670412	0.039652463
72	2767603612	1290	1334	7	1880.5243446	6940.701623	42.63670412	0.041217748

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
69	20141117T000000	485230	4	2.5	2	0	0	3	9	2714
70	20140623T000000	579000	3	2.5	3	0	0	3	8	1640
71	20140804T000000	475000	3	2.5	3	0	0	3	8	1320
72	20140512T000000	500000	2	2.25	3	0	0	3	8	1290

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
69	0	2014	0	98031	47.3522	-122.201	2873	8269	1
70	0	2009	0	98112	47.6197	-122.3	1590	1231	1
71	0	2006	0	98107	47.6719	-122.38	1350	1250	1
72	0	2007	0	98107	47.6719	-122.382	1350	1334	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
69	0	1	#REF!	#REF!	#REF!
70	0	1	#REF!	#REF!	#REF!
71	0	1	#REF!	#REF!	#REF!
72	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
69	#REF!	#REF!	#REF!	833.48	5617.30
70	#REF!	#REF!	#REF!	-240.52	-5671.70
71	#REF!	#REF!	#REF!	-560.52	-5630.70
72	#REF!	#REF!	#REF!	-590.52	-5606.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
69	-42.6367	694681.67	31554041.06	1817.89	32250540.61	5678.96	3	1014.36
70	-37.6367	57851.96	32168199.30	1416.52	32227467.78	5676.92	1	2371.52
71	-34.6367	314187.54	31704800.77	1199.70	32020188.01	5658.64	1	2356.42
72	-35.6367	348719.00	31435103.09	1269.97	31785092.07	5637.83	1	2337.40

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
73	1250200552	1610	1320	8	1880.5243446	6940.701623	42.63670412	0.036635264
74	3179100482	1040	1377	12	1880.5243446	6940.701623	42.63670412	0.019463127
75	2592210510	3120	12406	32	1880.5243446	6940.701623	42.63670412	0.014179028
76	993002127	1480	1384	7	1880.5243446	6940.701623	42.63670412	0.036531817

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
73	20150312T000000	399950	3	2.5	2	0	0	3	7	1280
74	20150126T000000	450000	2	2.25	2	0	0	3	8	1040
75	20150217T000000	850000	3	2.5	2	0	2	3	9	1940
76	20150223T000000	436000	3	2.25	3	0	0	3	8	1480

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
73	330	2007	0	98144	47.6	-122.298	1480	1602	1
74	0	2003	0	98105	47.6692	-122.279	1264	1892	1
75	1180	1983	0	98006	47.5507	-122.141	3240	13141	1
76	0	2008	0	98103	47.691	-122.342	1310	1329	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
73	1	0	#REF!	#REF!	#REF!
74	0	1	#REF!	#REF!	#REF!
75	1	1	#REF!	#REF!	#REF!
76	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
73	#REF!	#REF!	#REF!	-270.52	-5620.70
74	#REF!	#REF!	#REF!	-840.52	-5563.70
75	#REF!	#REF!	#REF!	1239.48	5465.30
76	#REF!	#REF!	#REF!	-400.52	-5556.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
73	-34.6367	73183.42	31592286.73	1199.70	31666669.86	5627.31	1	2321.06
74	-30.6367	706481.17	30954775.75	938.61	31662195.53	5626.92	1	2349.28
75	-10.6367	1536299.90	29869486.35	113.14	31405899.39	5604.10	3	1179.29
76	-35.6367	160419.75	30876932.93	1269.97	31038622.65	5571.23	1	2264.29

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
77	7169200221	1450	1387	14	1880.5243446	6940.701623	42.63670412	0.03322949
78	1430800100	1600	12500	77	1880.5243446	6940.701623	42.63670412	0.03587874
79	8024200674	1270	1416	8	1880.5243446	6940.701623	42.63670412	0.018628208
80	4027700466	1770	12458	57	1880.5243446	6940.701623	42.63670412	0.036243889

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
77	20141023T000000	497000	3	2.25	3	0	0	3	8	1450
78	20150116T000000	356000	4	2	1	0	0	5	7	1600
79	20150223T000000	461000	3	1.5	3	0	0	3	8	1270
80	20141219T000000	340500	3	1	1	0	0	3	7	1770

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
77	0	2000	0	98115	47.6765	-122.302	1450	1429	1
78	0	1938	0	98166	47.4713	-122.355	1260	8306	0
79	0	2007	0	98115	47.6988	-122.317	1270	1413	1
80	0	1957	0	98155	47.7715	-122.27	2000	8225	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
77	0	1	#REF!	#REF!	#REF!
78	0	0	#REF!	#REF!	#REF!
79	0	1	#REF!	#REF!	#REF!
80	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
77	#REF!	#REF!	#REF!	-430.52	-5553.70
78	#REF!	#REF!	#REF!	-280.52	5559.30
79	#REF!	#REF!	#REF!	-610.52	-5524.70
80	#REF!	#REF!	#REF!	-110.52	5517.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
77	-28.6367	185351.21	30843601.72	820.06	31029772.99	5570.44	1	2263.92
78	34.3633	78693.91	30905798.44	1180.84	30985673.19	5566.48	3	987.52
79	-34.6367	372739.98	30522328.02	1199.70	30896267.70	5558.44	1	2259.97
80	14.3633	12215.63	30440581.38	206.30	30453003.32	5518.42	3	861.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
81	3343901961	1430	12420	51	1880.5243446	6940.701623	42.63670412	0.03276511
82	4358700186	1260	1488	5	1880.5243446	6940.701623	42.63670412	0.002466498
83	3226049080	1030	12350	73	1880.5243446	6940.701623	42.63670412	0.042027011
84	2768301476	1280	1517	6	1880.5243446	6940.701623	42.63670412	0.002491365

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
81	20150331T000000	255000	3	1	1	0	0	3	7	1430
82	20141211T000000	275000	3	2.25	3	0	0	3	7	1260
83	20150224T000000	397000	2	1	1.5	0	0	3	7	1030
84	20141124T000000	495000	3	2.25	2	0	0	3	8	1080

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
81	0	1964	0	98056	47.5116	-122.191	1900	10350	0
82	0	2009	0	98133	47.7071	-122.336	1190	1095	1
83	0	1942	0	98115	47.6984	-122.324	1790	6900	1
84	200	2008	0	98107	47.6651	-122.368	1280	1681	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
81	0	0	#REF!	#REF!	#REF!
82	0	0	#REF!	#REF!	#REF!
83	0	0	#REF!	#REF!	#REF!
84	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
81	#REF!	#REF!	#REF!	-450.52	5479.30
82	#REF!	#REF!	#REF!	-620.52	-5452.70
83	#REF!	#REF!	#REF!	-850.52	5409.30
84	#REF!	#REF!	#REF!	-600.52	-5423.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
81	8.3633	202972.19	30022710.70	69.94	30225752.83	5497.80	3	1037.82
82	-37.6367	385050.46	29731954.99	1416.52	30118421.97	5488.03	1	2191.06
83	30.3633	723391.66	29260508.93	921.93	29984822.52	5475.84	3	1318.69
84	-36.6367	360629.49	29416539.30	1342.25	29778511.03	5456.97	1	2158.86

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
85	8032700175	1510	1501	108	1880.5243446	6940.701623	42.63670412	0.01712714
86	5466310060	1230	1561	32	1880.5243446	6940.701623	42.63670412	0.017036357
87	7899800476	1250	1580	10	1880.5243446	6940.701623	42.63670412	0.019165784
88	1025049254	1390	1569	8	1880.5243446	6940.701623	42.63670412	0.01371131

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
85	20141027T000000	420000	4	1	1.5	0	0	3	7	1510
86	20150324T000000	139500	2	1.5	2	0	0	3	7	1230
87	20150427T000000	267100	2	2.5	2	0	0	3	7	1030
88	20141204T000000	458000	3	4	2	0	0	3	9	1150

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
85	0	1906	0	98103	47.6526	-122.342	1560	1602	1
86	0	1983	0	98042	47.3768	-122.149	1660	2243	1
87	220	2005	0	98106	47.5243	-122.36	1250	1361	1
88	240	2006	0	98105	47.671	-122.269	1620	1855	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
85	0	0	#REF!	#REF!	#REF!
86	0	0	#REF!	#REF!	#REF!
87	1	0	#REF!	#REF!	#REF!
88	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
85	#REF!	#REF!	#REF!	-370.52	-5439.70
86	#REF!	#REF!	#REF!	-650.52	-5379.70
87	#REF!	#REF!	#REF!	-630.52	-5360.70
88	#REF!	#REF!	#REF!	-490.52	-5371.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
85	65.3633	137288.29	29590353.75	4272.36	29731914.40	5452.70	1	2145.97
86	-10.6367	423181.92	28941189.55	113.14	29364484.61	5418.90	1	2125.09
87	-32.6367	397560.95	28737121.89	1065.15	29135747.99	5397.75	1	2102.66
88	-34.6367	240614.13	28855178.33	1199.70	29096992.16	5394.16	1	2090.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
89	4318200440	1470	1578	7	1880.5243446	6940.701623	42.63670412	0.028360318
90	2459500210	1630	12295	29	1880.5243446	6940.701623	42.63670412	0.018530895
91	8165501640	1460	1607	7	1880.5243446	6940.701623	42.63670412	0.036771784
92	3052700464	1380	1621	7	1880.5243446	6940.701623	42.63670412	0.009095539

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
89	20140522T000000	432000	3	2.25	2	0	0	3	8	1090
90	20140507T000000	339950	3	2.25	2	0	0	4	7	1630
91	20140819T000000	309950	2	2.25	2	0	0	3	8	1460
92	20141024T000000	475000	3	2.25	2	0	0	3	8	1140

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
89	380	2007	0	98136	47.5388	-122.387	1470	1668	1
90	0	1985	0	98058	47.4279	-122.161	1730	9948	1
91	0	2007	0	98106	47.5395	-122.369	1460	1826	1
92	240	2007	0	98117	47.678	-122.375	1460	1403	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
89	1	1	#REF!	#REF!	#REF!
90	0	0	#REF!	#REF!	#REF!
91	0	1	#REF!	#REF!	#REF!
92	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
89	#REF!	#REF!	#REF!	-410.52	-5362.70
90	#REF!	#REF!	#REF!	-250.52	5354.30
91	#REF!	#REF!	#REF!	-420.52	-5333.70
92	#REF!	#REF!	#REF!	-500.52	-5319.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
89	-35.6367	168530.24	28758568.70	1269.97	28928368.91	5378.51	1	2072.01
90	-13.6367	62762.45	28668511.11	185.96	28731459.52	5360.17	3	808.67
91	-35.6367	176840.72	28448373.00	1269.97	28626483.70	5350.37	1	2044.15
92	-35.6367	250524.62	28299225.36	1269.97	28551019.95	5343.32	1	2040.06

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
93	7504020960	3580	12000	36	1880.5243446	6940.701623	42.63670412	0.007950566
94	2770601782	1510	1618	3	1880.5243446	6940.701623	42.63670412	0.024074175
95	7658600081	1950	1610	5	1880.5243446	6940.701623	42.63670412	0.032524982
96	3277800823	1490	1627	5	1880.5243446	6940.701623	42.63670412	0.030671395

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
93	20150107T000000	879900	4	2.75	1	0	0	3	10	1840
94	20140801T000000	453000	3	2.5	2.5	0	0	3	8	1330
95	20140919T000000	555000	2	2.75	3	0	0	3	8	1950
96	20140820T000000	327000	2	2	2	0	0	3	8	1190

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
93	1740	1979	0	98074	47.6319	-122.05	2910	12428	0
94	180	2011	0	98199	47.6515	-122.384	1350	1397	1
95	0	2009	0	98144	47.5925	-122.302	910	1745	1
96	300	2009	0	98126	47.5455	-122.375	1400	1498	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
93	1	1	#REF!	#REF!	#REF!
94	1	1	#REF!	#REF!	#REF!
95	0	1	#REF!	#REF!	#REF!
96	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
93	#REF!	#REF!	#REF!	1699.48	5059.30
94	#REF!	#REF!	#REF!	-370.52	-5322.70
95	#REF!	#REF!	#REF!	69.48	-5330.70
96	#REF!	#REF!	#REF!	-390.52	-5313.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
93	-6.6367	2888217.50	25596500.07	44.05	28484761.62	5337.11	3	1435.66
94	-39.6367	137288.29	28331152.57	1571.07	28470011.93	5335.73	1	2028.74
95	-37.6367	4826.87	28416379.79	1416.52	28422623.18	5331.29	1	2049.60
96	-37.6367	152509.26	28235424.94	1416.52	28389350.72	5328.17	1	2021.41

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
97	7625700012	1250	1655	8	1880.5243446	6940.701623	42.63670412	0.009805714
98	2724069169	2180	12196	46	1880.5243446	6940.701623	42.63670412	0.036205625
99	8670000060	2710	12138	46	1880.5243446	6940.701623	42.63670412	0.037680362
100	2781280150	1100	1737	8	1880.5243446	6940.701623	42.63670412	0.023438206

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
97	20141202T000000	370000	3	2.75	2	0	0	3	7	830
98	20140724T000000	499900	4	3	2	0	0	4	7	2180
99	20140827T000000	535000	4	2.5	1	0	0	3	8	1700
100	20140801T000000	190000	2	2.5	2	0	0	3	8	1100

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
97	420	2006	0	98136	47.5554	-122.382	1520	3001	1
98	0	1968	0	98027	47.5338	-122.033	1500	6534	1
99	1010	1968	0	98155	47.7657	-122.29	2390	10052	0
100	0	2006	0	98055	47.4499	-122.189	1610	2563	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
97	1	0	#REF!	#REF!	#REF!
98	0	0	#REF!	#REF!	#REF!
99	1	1	#REF!	#REF!	#REF!
100	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
97	#REF!	#REF!	#REF!	-630.52	-5285.70
98	#REF!	#REF!	#REF!	299.48	5255.30
99	#REF!	#REF!	#REF!	829.48	5197.30
100	#REF!	#REF!	#REF!	-780.52	-5203.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
97	-34.6367	397560.95	27938641.65	1199.70	28337402.30	5323.29	1	2029.27
98	3.3633	89685.67	27618161.03	11.31	27707858.01	5263.83	3	497.17
99	3.3633	688029.86	27011910.42	11.31	27699951.59	5263.07	3	691.17
100	-34.6367	609218.25	27078510.58	1199.70	27688928.53	5262.03	1	1986.86

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
101	9137101696	1660	1692	10	1880.5243446	6940.701623	42.63670412	0.038385642
102	9528100963	1833	1706	16	1880.5243446	6940.701623	42.63670412	0.003053107
103	7504000230	2760	12100	38	1880.5243446	6940.701623	42.63670412	0.039733722
104	5694001061	1890	1710	15	1880.5243446	6940.701623	42.63670412	0.029352285

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
101	20150504T000000	605000	3	2.5	3	0	0	3	7	1610
102	20140806T000000	719000	3	3	3	0	0	3	9	1833
103	20141205T000000	675000	4	2.25	2	0	0	4	9	2760
104	20140620T000000	587206	3	3.5	2	0	0	3	8	1640

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
101	50	2005	0	98115	47.6801	-122.322	1210	1230	1
102	0	1998	0	98115	47.6827	-122.325	1466	1455	1
103	0	1976	0	98074	47.6285	-122.058	2850	12410	1
104	250	1999	0	98103	47.6592	-122.349	1680	1562	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
101	1	0	#REF!	#REF!	#REF!
102	0	1	#REF!	#REF!	#REF!
103	0	1	#REF!	#REF!	#REF!
104	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
101	#REF!	#REF!	#REF!	-220.52	-5248.70
102	#REF!	#REF!	#REF!	-47.52	-5234.70
103	#REF!	#REF!	#REF!	879.48	5159.30
104	#REF!	#REF!	#REF!	9.48	-5230.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
101	-32.6367	48630.99	27548868.73	1065.15	27598564.87	5253.43	1	1948.33
102	-26.6367	2258.56	27402101.08	709.51	27405069.16	5234.99	1	1941.07
103	-4.6367	773477.43	26618359.74	21.50	27391858.67	5233.72	3	708.27
104	-27.6367	89.79	27360239.47	763.79	27361093.04	5230.78	1	1942.72

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
105	6639900219	1630	1755	18	1880.5243446	6940.701623	42.63670412	0.030807332
106	3336000052	1320	1780	9	1880.5243446	6940.701623	42.63670412	0.022539584
107	342000036	1320	1800	20	1880.5243446	6940.701623	42.63670412	0.028916026
108	3396820010	2220	12056	30	1880.5243446	6940.701623	42.63670412	0.013301615

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
105	20150511T000000	419900	3	2.5	2	0	0	3	8	1320
106	20141022T000000	221000	3	2.5	2	0	0	3	7	880
107	20140702T000000	540000	3	2.25	2	0	0	3	7	1320
108	20150223T000000	542000	3	2.25	2	0	0	3	8	2220

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
105	310	1997	0	98033	47.691	-122.176	1920	14550	1
106	440	2005	0	98118	47.528	-122.269	3040	6000	1
107	0	1994	0	98122	47.6081	-122.289	2010	4500	1
108	0	1985	0	98052	47.7148	-122.101	2320	12025	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
105	1	1	#REF!	#REF!	#REF!
106	1	0	#REF!	#REF!	#REF!
107	0	0	#REF!	#REF!	#REF!
108	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
105	#REF!	#REF!	#REF!	-250.52	-5185.70
106	#REF!	#REF!	#REF!	-560.52	-5160.70
107	#REF!	#REF!	#REF!	-560.52	-5140.70
108	#REF!	#REF!	#REF!	339.48	5115.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
105	-24.6367	62762.45	26891501.32	606.97	26954870.74	5191.81	1	1885.61
106	-33.6367	314187.54	26632841.24	1131.43	26948160.21	5191.16	1	1892.97
107	-22.6367	314187.54	26426813.18	512.42	26741513.14	5171.22	1	1873.15
108	-12.6367	115243.72	26166277.49	159.69	26281680.89	5126.57	3	359.96

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
109	3746700120	3940	11632	0	1880.5243446	6940.701623	42.63670412	0.024253144
110	8562791010	1830	1850	3	1880.5243446	6940.701623	42.63670412	0.02152025
111	6662410070	2030	12000	38	1880.5243446	6940.701623	42.63670412	0.00859365
112	7504001430	1740	12000	40	1880.5243446	6940.701623	42.63670412	0.041090444

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
109	20141104T000000	857326	3	3.5	2	0	0	3	10	3940
110	20140707T000000	593000	3	2.75	2	0	0	3	10	1690
111	20150414T000000	420000	4	2.25	2	0	0	3	7	2030
112	20141023T000000	539000	3	1.5	2	0	0	3	9	1740

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
109	0	2014	0	98166	47.438	-122.344	2015	11632	1
110	140	2011	0	98027	47.5307	-122.074	2310	2680	1
111	0	1977	0	98011	47.7699	-122.168	2190	9900	1
112	0	1974	0	98074	47.6276	-122.053	2580	12224	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
109	0	1	#REF!	#REF!	#REF!
110	1	1	#REF!	#REF!	#REF!
111	0	0	#REF!	#REF!	#REF!
112	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
109	#REF!	#REF!	#REF!	2059.48	4691.30
110	#REF!	#REF!	#REF!	-50.52	-5090.70
111	#REF!	#REF!	#REF!	149.48	5059.30
112	#REF!	#REF!	#REF!	-140.52	5059.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
109	-42.6367	4241439.98	22008280.46	1817.89	26251538.33	5123.63	3	1765.46
110	-39.6367	2552.71	25915243.01	1571.07	25919366.79	5091.11	1	1797.61
111	-4.6367	22342.97	25596500.07	21.50	25618864.54	5061.51	3	334.79
112	-2.6367	19747.09	25596500.07	6.95	25616254.11	5061.25	3	530.11

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
113	1775800860	1850	12000	38	1880.5243446	6940.701623	42.63670412	0.011260247
114	7217400650	1280	1920	110	1880.5243446	6940.701623	42.63670412	0.001207337
115	809002705	1370	1911	107	1880.5243446	6940.701623	42.63670412	0.015520672
116	646910620	1550	1905	9	1880.5243446	6940.701623	42.63670412	0.014279797

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
113	20150428T000000	469500	3	2.25	1	0	0	4	7	1300
114	20150424T000000	458500	3	1.5	1.5	0	0	3	7	1280
115	20140710T000000	797000	3	2.5	2	0	0	3	9	1370
116	20140922T000000	242500	3	1.75	2	0	0	3	7	1550

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
113	550	1977	0	98072	47.7408	-122.101	1580	12616	0
114	0	1905	1990	98122	47.6117	-122.301	1280	3150	1
115	0	1907	2011	98109	47.6375	-122.354	1630	2090	1
116	0	2005	0	98055	47.4331	-122.195	1550	1866	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
113	1	0	#REF!	#REF!	#REF!
114	0	0	#REF!	#REF!	#REF!
115	0	1	#REF!	#REF!	#REF!
116	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
113	#REF!	#REF!	#REF!	-30.52	5059.30
114	#REF!	#REF!	#REF!	-600.52	-5020.70
115	#REF!	#REF!	#REF!	-510.52	-5029.70
116	#REF!	#REF!	#REF!	-330.52	-5035.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
113	-4.6367	931.74	25596500.07	21.50	25597453.30	5059.39	3	444.01
114	67.3633	360629.49	25207444.79	4537.81	25572612.09	5056.94	1	1764.94
115	64.3633	260635.11	25297898.42	4142.63	25562676.16	5055.95	1	1756.00
116	-33.6367	109246.34	25358290.84	1131.43	25468668.61	5046.65	1	1739.50

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
117	6056100312	1600	1936	7	1880.5243446	6940.701623	42.63670412	0.041059375
118	2473100280	2580	11900	48	1880.5243446	6940.701623	42.63670412	0.039790659
119	1332700010	1610	1968	35	1880.5243446	6940.701623	42.63670412	0.041518206
120	3126049501	1360	2030	6	1880.5243446	6940.701623	42.63670412	0.014321555

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
117	20140624T000000	395000	3	2.5	2	0	0	3	7	1600
118	20150417T000000	358000	4	2.75	1	0	0	4	7	1620
119	20141216T000000	305000	2	2.25	2	0	0	5	7	1610
120	20140717T000000	385000	3	1.5	3	0	0	3	8	1360

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
117	0	2007	0	98108	47.5629	-122.297	1600	1936	1
118	960	1967	0	98058	47.4475	-122.159	1570	9375	0
119	0	1979	0	98056	47.5184	-122.196	1950	1968	1
120	0	2008	0	98103	47.6961	-122.349	1360	1167	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
117	0	0	#REF!	#REF!	#REF!
118	1	0	#REF!	#REF!	#REF!
119	0	0	#REF!	#REF!	#REF!
120	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
117	#REF!	#REF!	#REF!	-280.52	-5004.70
118	#REF!	#REF!	#REF!	699.48	4959.30
119	#REF!	#REF!	#REF!	-270.52	-4972.70
120	#REF!	#REF!	#REF!	-520.52	-4910.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
117	-35.6367	78693.91	25047038.33	1269.97	25127002.22	5012.68	1	1705.84
118	5.3633	489266.19	24594640.39	28.76	25083935.35	5008.39	3	451.10
119	-7.6367	73183.42	24727761.43	58.32	24801003.17	4980.06	1	1673.11
120	-36.6367	270945.59	24114990.43	1342.25	24387278.27	4938.35	1	1640.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
121	1443550020	2640	11816	16	1880.5243446	6940.701623	42.63670412	0.018832856
122	7298050110	3360	11637	25	1880.5243446	6940.701623	42.63670412	0.009366116
123	3630090110	2980	2147	8	1880.5243446	6940.701623	42.63670412	0.029474997
124	2205700470	3920	11412	60	1880.5243446	6940.701623	42.63670412	0.031634593

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
121	20150506T000000	570000	4	2.5	2	0	0	3	8	2640
122	20150303T000000	420000	4	2.5	2	0	0	3	11	3360
123	20141018T000000	690000	4	3.5	2.5	0	0	3	10	2490
124	20150122T000000	650500	5	4.25	2	0	0	3	7	3920

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
121	0	1999	0	98019	47.733	-121.968	2400	11816	1
122	0	1990	0	98023	47.3018	-122.342	3530	11205	1
123	490	2006	0	98029	47.5463	-121.995	2880	2428	1
124	0	1955	2005	98006	47.5766	-122.151	1400	9750	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
121	0	1	#REF!	#REF!	#REF!
122	0	1	#REF!	#REF!	#REF!
123	1	1	#REF!	#REF!	#REF!
124	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
121	#REF!	#REF!	#REF!	759.48	4875.30
122	#REF!	#REF!	#REF!	1479.48	4696.30
123	#REF!	#REF!	#REF!	1099.48	-4793.70
124	#REF!	#REF!	#REF!	2039.48	4471.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
121	-26.6367	576803.27	23768534.27	709.51	24346047.05	4934.17	3	478.94
122	-17.6367	2188848.22	22055218.45	311.05	24244377.71	4923.86	3	1185.44
123	-34.6367	1208846.72	22979575.25	1199.70	24189621.67	4918.29	1	1986.58
124	17.3633	4159460.95	19992509.18	301.48	24152271.61	4914.50	3	1767.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
125	3755000310	1160	11799	48	1880.5243446	6940.701623	42.63670412	0.019000292
126	3542300060	860	11725	72	1880.5243446	6940.701623	42.63670412	0.010482708
127	1786200010	2580	11780	12	1880.5243446	6940.701623	42.63670412	0.013908711
128	1771000690	1160	11776	46	1880.5243446	6940.701623	42.63670412	0.032832953

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
125	20141217T000000	325000	3	1	1	0	0	3	7	1160
126	20150311T000000	210000	3	1	1	0	0	4	6	860
127	20150514T000000	456500	4	2.5	2	0	0	3	9	2580
128	20140528T000000	305000	3	1	1	0	0	3	7	1160

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
125	0	1966	0	98034	47.7263	-122.229	1220	10500	0
126	0	1943	0	98056	47.5093	-122.184	1300	9514	0
127	0	2003	0	98038	47.3658	-122.04	2410	8403	1
128	0	1968	0	98077	47.7427	-122.074	1160	10050	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
125	0	0	#REF!	#REF!	#REF!
126	0	0	#REF!	#REF!	#REF!
127	0	1	#REF!	#REF!	#REF!
128	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
125	#REF!	#REF!	#REF!	-720.52	4858.30
126	#REF!	#REF!	#REF!	-1020.52	4784.30
127	#REF!	#REF!	#REF!	699.48	4839.30
128	#REF!	#REF!	#REF!	-720.52	4835.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
125	5.3633	519155.33	23603063.12	28.76	24122247.22	4911.44	3	1021.23
126	29.3633	1041469.94	22889510.96	862.20	23931843.10	4892.02	3	1316.90
127	-30.6367	489266.19	23418808.78	938.61	23909013.58	4889.68	3	412.81
128	3.3633	519155.33	23380110.39	11.31	23899277.04	4888.69	3	1019.22

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
129	7788000100	1790	11801	41	1880.5243446	6940.701623	42.63670412	0.02851312
130	3975400190	1960	2166	88	1880.5243446	6940.701623	42.63670412	0.021194939
131	6130500120	1650	2201	8	1880.5243446	6940.701623	42.63670412	0.028642552
132	2473002650	2400	11640	47	1880.5243446	6940.701623	42.63670412	0.044023317

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
129	20150206T000000	393000	4	1.75	1	0	0	4	8	1790
130	20141104T000000	509000	4	2	1.5	0	0	4	7	1260
131	20150417T000000	428000	3	2.5	3	0	0	3	8	1650
132	20150512T000000	495000	4	2.5	1	0	0	5	8	1800

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
129	0	1974	0	98056	47.5172	-122.17	2000	12988	0
130	700	1926	0	98103	47.6545	-122.344	1670	4000	1
131	0	2007	0	98133	47.7108	-122.333	1650	1965	1
132	600	1968	0	98058	47.4485	-122.139	2440	10823	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
129	0	1	#REF!	#REF!	#REF!
130	1	0	#REF!	#REF!	#REF!
131	0	1	#REF!	#REF!	#REF!
132	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
129	#REF!	#REF!	#REF!	-90.52	4860.30
130	#REF!	#REF!	#REF!	79.48	-4774.70
131	#REF!	#REF!	#REF!	-230.52	-4739.70
132	#REF!	#REF!	#REF!	519.48	4699.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
129	-1.6367	8194.66	23622500.31	2.68	23630697.65	4861.14	3	399.56
130	45.3633	6316.38	22797775.59	2057.83	22806149.80	4775.58	1	1502.94
131	-34.6367	53141.47	22464771.47	1199.70	22519112.65	4745.43	1	1439.59
132	4.3633	269854.96	22083405.24	19.04	22353279.23	4727.93	3	231.41

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
133	3644100065	1220	2268	106	1880.5243446	6940.701623	42.63670412	0.034443726
134	8929000230	2010	2261	1	1880.5243446	6940.701623	42.63670412	0.008705056
135	9828702095	790	2400	96	1880.5243446	6940.701623	42.63670412	0.02152505
136	1234000630	2530	11549	72	1880.5243446	6940.701623	42.63670412	0.000421907

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
133	20150427T000000	257000	2	1.75	1	0	0	4	6	610
134	20150306T000000	550000	3	2.5	2	0	0	3	8	1390
135	20140925T000000	439000	1	1	1	0	0	3	7	790
136	20141002T000000	525000	4	2.75	1	0	0	3	7	1700

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
133	610	1909	0	98144	47.592	-122.295	1240	1675	0
134	620	2014	0	98029	47.5514	-121.998	1690	1899	1
135	0	1918	0	98122	47.6178	-122.299	1580	2566	0
136	830	1942	0	98033	47.6557	-122.197	2530	10000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
133	1	0	#REF!	#REF!	#REF!
134	1	1	#REF!	#REF!	#REF!
135	0	0	#REF!	#REF!	#REF!
136	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
133	#REF!	#REF!	#REF!	-660.52	-4672.70
134	#REF!	#REF!	#REF!	129.48	-4679.70
135	#REF!	#REF!	#REF!	-1090.52	-4540.70
136	#REF!	#REF!	#REF!	649.48	4608.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
133	63.3633	436292.41	21834140.46	4014.91	22274447.77	4719.58	1	1445.29
134	-41.6367	16763.95	21899607.28	1733.62	21918104.84	4681.68	1	1420.95
135	53.3633	1189243.35	20617971.23	2847.64	21810062.22	4670.12	1	1521.45
136	29.3633	421818.63	21236413.93	862.20	21659094.76	4653.93	3	385.40

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
137	3885805300	1300	11520	57	1880.5243446	6940.701623	42.63670412	0.031262594
138	7891600165	700	2500	107	1880.5243446	6940.701623	42.63670412	0.013249401
139	7228500425	1530	2370	113	1880.5243446	6940.701623	42.63670412	0.000884556
140	7856700920	2190	11500	42	1880.5243446	6940.701623	42.63670412	0.03660898

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
137	20150429T000000	595000	3	1	1	0	0	3	6	1300
138	20140627T000000	295000	1	1	1	0	0	4	7	700
139	20140728T000000	590000	3	1	2	0	0	3	8	1530
140	20140628T000000	699900	4	2.5	1	0	0	4	8	1430

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
137	0	1958	0	98033	47.6829	-122.195	1440	8064	0
138	0	1907	0	98106	47.5662	-122.364	1340	5000	0
139	0	1901	0	98122	47.6108	-122.303	1310	2370	1
140	760	1972	0	98006	47.5668	-122.147	2580	9700	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
137	0	0	#REF!	#REF!	#REF!
138	0	0	#REF!	#REF!	#REF!
139	0	1	#REF!	#REF!	#REF!
140	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
137	#REF!	#REF!	#REF!	-580.52	4579.30
138	#REF!	#REF!	#REF!	-1180.52	-4440.70
139	#REF!	#REF!	#REF!	-350.52	-4570.70
140	#REF!	#REF!	#REF!	309.48	4559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
137	14.3633	337008.51	20969973.63	206.30	21307188.44	4615.97	3	894.49
138	64.3633	1393637.73	19719830.90	4142.63	21117611.27	4595.39	1	1498.19
139	70.3633	122867.32	20891313.33	4950.99	21019131.64	4584.66	1	1279.61
140	-0.6367	95775.18	20787201.69	0.41	20882977.28	4569.79	3	199.35

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
141	6056100380	1970	2377	6	1880.5243446	6940.701623	42.63670412	0.022764153
142	3278606110	1580	2407	2	1880.5243446	6940.701623	42.63670412	0.032925876
143	7856610160	2710	11400	38	1880.5243446	6940.701623	42.63670412	0.001058375
144	1422200090	1300	2446	53	1880.5243446	6940.701623	42.63670412	0.023044597

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
141	20140520T000000	415000	3	2.25	2	0	0	3	8	1680
142	20150108T000000	375000	3	2.5	2	0	0	3	8	1580
143	20140812T000000	925000	4	1.75	1	0	0	4	9	1430
144	20140915T000000	676500	3	1.75	1	0	3	3	8	880

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
141	290	2008	0	98108	47.5631	-122.297	1690	1936	1
142	0	2013	0	98126	47.5455	-122.368	1580	2212	1
143	1280	1976	0	98006	47.561	-122.153	2640	11000	0
144	420	1961	0	98122	47.6071	-122.285	2440	5051	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
141	1	1	#REF!	#REF!	#REF!
142	0	1	#REF!	#REF!	#REF!
143	1	1	#REF!	#REF!	#REF!
144	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
141	#REF!	#REF!	#REF!	89.48	-4563.70
142	#REF!	#REF!	#REF!	-300.52	-4533.70
143	#REF!	#REF!	#REF!	829.48	4459.30
144	#REF!	#REF!	#REF!	-580.52	-4494.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
141	-36.6367	8005.89	20827372.50	1342.25	20836720.64	4564.73	1	1298.70
142	-40.6367	90314.88	20554450.41	1651.34	20646416.63	4543.83	1	1236.99
143	-4.6367	688029.86	19885342.02	21.50	20573393.38	4535.79	3	611.71
144	10.3633	337008.51	20202342.68	107.40	20539458.59	4532.05	1	1250.06

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
145	9808590210	3560	11119	28	1880.5243446	6940.701623	42.63670412	0.013581441
146	832700320	1490	2478	6	1880.5243446	6940.701623	42.63670412	0.001927301
147	7211401975	1440	2500	8	1880.5243446	6940.701623	42.63670412	0.040073759
148	9525600030	1780	2493	34	1880.5243446	6940.701623	42.63670412	0.014090747

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
145	20140513T000000	860000	4	2.5	1	0	2	3	10	2290
146	20150209T000000	348000	3	2.5	3	0	0	3	8	1490
147	20140905T000000	260000	3	2.5	2	0	0	3	7	1440
148	20150428T000000	631500	2	2.5	3	0	0	3	8	1780

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
145	1270	1986	0	98004	47.6456	-122.19	3290	11385	0
146	0	2009	0	98133	47.7236	-122.353	1270	1156	1
147	0	2006	0	98146	47.511	-122.359	1440	5000	1
148	0	1981	0	98107	47.6704	-122.358	2050	4400	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
145	1	1	#REF!	#REF!	#REF!
146	0	1	#REF!	#REF!	#REF!
147	0	0	#REF!	#REF!	#REF!
148	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
145	#REF!	#REF!	#REF!	1679.48	4178.30
146	#REF!	#REF!	#REF!	-390.52	-4462.70
147	#REF!	#REF!	#REF!	-440.52	-4440.70
148	#REF!	#REF!	#REF!	-100.52	-4447.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
145	-14.6367	2820638.48	17458177.33	214.23	20279030.04	4503.22	3	1500.37
146	-36.6367	152509.26	19915705.78	1342.25	20069557.29	4479.91	1	1176.46
147	-34.6367	194061.70	19719830.90	1199.70	19915092.30	4462.63	1	1163.52
148	-8.6367	10105.14	19782049.73	74.59	19792229.46	4448.85	1	1152.32

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
149	9324300030	2060	11385	52	1880.5243446	6940.701623	42.63670412	0.038729113
150	7518501140	1260	2550	28	1880.5243446	6940.701623	42.63670412	0.041407231
151	9544700730	3950	10856	1	1880.5243446	6940.701623	42.63670412	0.044054609
152	3629990020	1260	2556	9	1880.5243446	6940.701623	42.63670412	0.016630816

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
149	20140703T000000	264500	4	2.25	1	0	0	4	7	1200
150	20150113T000000	300000	3	2	2	0	0	3	7	1260
151	20140515T000000	914500	4	2.5	3	0	0	3	10	3950
152	20141002T000000	449500	3	2.25	2	0	0	3	7	1260

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
149	860	1962	0	98023	47.314	-122.363	2110	11385	0
150	0	1987	0	98117	47.6821	-122.378	1590	3825	1
151	0	2013	0	98075	47.5818	-121.996	3200	10856	1
152	0	2005	0	98029	47.5482	-121.998	1630	2844	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
149	1	0	#REF!	#REF!	#REF!
150	0	0	#REF!	#REF!	#REF!
151	0	1	#REF!	#REF!	#REF!
152	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
149	#REF!	#REF!	#REF!	179.48	4444.30
150	#REF!	#REF!	#REF!	-620.52	-4390.70
151	#REF!	#REF!	#REF!	2069.48	3915.30
152	#REF!	#REF!	#REF!	-620.52	-4384.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
149	9.3633	32211.51	19751788.06	87.67	19784087.25	4447.93	3	334.90
150	-14.6367	385050.46	19278260.74	214.23	19663525.44	4434.36	1	1164.67
151	-41.6367	4282729.49	15329561.38	1733.62	19614024.48	4428.77	3	1964.21
152	-33.6367	385050.46	19225608.32	1131.43	19611790.21	4428.52	1	1159.46

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
153	9221400600	1300	2580	95	1880.5243446	6940.701623	42.63670412	0.002377882
154	7304301005	1010	11244	67	1880.5243446	6940.701623	42.63670412	0.005836648
155	2919701105	1320	2609	76	1880.5243446	6940.701623	42.63670412	0.033414327
156	272000620	900	2728	16	1880.5243446	6940.701623	42.63670412	0.026215164

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
153	20140523T000000	462000	3	1.75	1	0	0	5	7	820
154	20140523T000000	350000	3	1	1	0	0	4	7	1010
155	20141209T000000	422000	2	1.75	1	0	0	4	7	920
156	20141202T000000	290000	2	1	2	0	0	3	7	900

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
153	480	1919	0	98115	47.674	-122.319	1180	2820	0
154	0	1947	0	98155	47.7467	-122.321	1220	11242	0
155	400	1938	0	98117	47.6878	-122.366	1200	4220	0
156	0	1998	0	98144	47.5877	-122.298	900	2728	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
153	1	0	#REF!	#REF!	#REF!
154	0	0	#REF!	#REF!	#REF!
155	1	0	#REF!	#REF!	#REF!
156	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
153	#REF!	#REF!	#REF!	-580.52	-4360.70
154	#REF!	#REF!	#REF!	-870.52	4303.30
155	#REF!	#REF!	#REF!	-560.52	-4331.70
156	#REF!	#REF!	#REF!	-980.52	-4212.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
153	52.3633	337008.51	19015718.64	2741.91	19355469.07	4399.49	1	1123.92
154	24.3633	757812.63	18518376.92	593.57	19276783.13	4390.53	3	1252.12
155	33.3633	314187.54	18763638.95	1113.11	19078939.60	4367.94	1	1089.29
156	-26.6367	961427.99	17746854.96	709.51	18708992.47	4325.39	1	1193.90

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
157	2581900036	2110	11250	53	1880.5243446	6940.701623	42.63670412	0.0083126
158	644200090	2380	11200	51	1880.5243446	6940.701623	42.63670412	0.007578459
159	7504101230	2810	11120	32	1880.5243446	6940.701623	42.63670412	0.034409358
160	7588700177	520	2885	68	1880.5243446	6940.701623	42.63670412	0.006601782

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
157	20140612T000000	743000	3	1.75	1	0	0	4	8	2110
158	20140715T000000	921000	3	2.25	1	0	0	4	8	2380
159	20140623T000000	675000	4	2.5	2	0	0	3	9	2810
160	20150420T000000	310000	1	0.75	1	0	0	4	6	520

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
157	0	1961	0	98040	47.5402	-122.216	2560	10992	0
158	0	1963	0	98004	47.5873	-122.193	2010	11200	0
159	0	1982	0	98074	47.6337	-122.044	3100	12672	1
160	0	1947	0	98117	47.6886	-122.378	980	4241	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
157	0	1	#REF!	#REF!	#REF!
158	0	1	#REF!	#REF!	#REF!
159	0	1	#REF!	#REF!	#REF!
160	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
157	#REF!	#REF!	#REF!	229.48	4309.30
158	#REF!	#REF!	#REF!	499.48	4259.30
159	#REF!	#REF!	#REF!	929.48	4179.30
160	#REF!	#REF!	#REF!	-1360.52	-4055.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
157	10.3633	52659.08	18570052.50	107.40	18622818.98	4315.42	3	453.90
158	8.3633	249475.93	18141622.66	69.94	18391168.54	4288.49	3	538.95
159	-10.6367	863924.99	17466534.92	113.14	18330573.06	4281.42	3	858.35
160	25.3633	1851026.49	16448715.65	643.30	18300385.44	4277.89	1	1375.91

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
161	4083305445	1340	2720	101	1880.5243446	6940.701623	42.63670412	0.044487556
162	2887701940	2060	2700	85	1880.5243446	6940.701623	42.63670412	0.006433995
163	567000268	1639	2710	11	1880.5243446	6940.701623	42.63670412	0.003633726
164	7853340660	1650	2710	6	1880.5243446	6940.701623	42.63670412	0.00365457

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
161	20140815T000000	650000	3	2	1.5	0	0	3	7	1340
162	20141205T000000	485000	2	1.75	1	0	0	3	7	1030
163	20140821T000000	450000	3	2.5	2	0	0	3	8	1479
164	20140806T000000	382000	2	2.5	2	0	2	3	8	1650

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
161	0	1913	0	98103	47.6518	-122.335	2030	4590	1
162	1030	1929	0	98115	47.6856	-122.312	1390	2700	0
163	160	2003	0	98144	47.5924	-122.294	1580	1733	1
164	0	2008	0	98065	47.5173	-121.878	1760	2992	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
161	0	0	#REF!	#REF!	#REF!
162	1	0	#REF!	#REF!	#REF!
163	1	1	#REF!	#REF!	#REF!
164	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
161	#REF!	#REF!	#REF!	-540.52	-4220.70
162	#REF!	#REF!	#REF!	179.48	-4240.70
163	#REF!	#REF!	#REF!	-241.52	-4230.70
164	#REF!	#REF!	#REF!	-230.52	-4230.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
161	58.3633	292166.57	17814322.19	3406.27	18109895.03	4255.57	1	979.11
162	42.3633	32211.51	17983550.26	1794.65	18017556.41	4244.71	1	1018.57
163	-31.6367	58334.01	17898836.22	1000.88	17958171.11	4237.71	1	931.09
164	-36.6367	53141.47	17898836.22	1342.25	17953319.94	4237.14	1	930.98

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
165	7454001075	670	10920	72	1880.5243446	6940.701623	42.63670412	0.005955312
166	2561340020	1780	11096	35	1880.5243446	6940.701623	42.63670412	0.004112762
167	9268851020	2340	2810	4	1880.5243446	6940.701623	42.63670412	0.026021068
168	3579700080	1830	11090	52	1880.5243446	6940.701623	42.63670412	0.02907611

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
165	20140618T000000	240000	2	1	1	0	0	3	6	670
166	20140804T000000	325000	3	1.75	1	0	0	3	7	1210
167	20150410T000000	735000	4	3.5	2	0	2	3	8	1730
168	20140905T000000	383000	4	1.75	1	0	0	3	7	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
165	0	1942	0	98146	47.5128	-122.372	900	7425	0
166	570	1979	0	98074	47.617	-122.051	1780	10640	0
167	610	2011	0	98027	47.5403	-122.028	2600	2843	1
168	770	1962	0	98028	47.7333	-122.246	1990	10917	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
165	0	0	#REF!	#REF!	#REF!
166	1	0	#REF!	#REF!	#REF!
167	1	1	#REF!	#REF!	#REF!
168	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
165	#REF!	#REF!	#REF!	-1210.52	3979.30
166	#REF!	#REF!	#REF!	-100.52	4155.30
167	#REF!	#REF!	#REF!	459.48	-4130.70
168	#REF!	#REF!	#REF!	-50.52	4149.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
165	29.3633	1465369.19	15834815.57	862.20	17301046.97	4159.45	3	1696.02
166	-7.6367	10105.14	17266504.60	58.32	17276668.07	4156.52	3	721.48
167	-38.6367	211117.88	17062695.90	1492.79	17275306.57	4156.36	1	1067.42
168	9.3633	2552.71	17216677.02	87.67	17219317.40	4149.62	3	700.54

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
169	301402120	1481	2820	2	1880.5243446	6940.701623	42.63670412	0.031212261
170	3649100304	1740	11040	34	1880.5243446	6940.701623	42.63670412	0.016420606
171	3530430100	1050	2926	40	1880.5243446	6940.701623	42.63670412	0.030986755
172	3818700185	2150	11026	62	1880.5243446	6940.701623	42.63670412	0.024804858

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
169	20140625T000000	240000	3	2.25	2	0	0	3	7	1481
170	20140819T000000	400000	3	2.25	2	0	0	3	8	1740
171	20140815T000000	187000	2	1.75	1	0	0	4	8	1050
172	20140925T000000	400000	4	1.5	1	0	0	4	7	2150

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
169	0	2012	0	98002	47.3457	-122.217	1481	3028	1
170	0	1980	0	98028	47.7376	-122.242	1720	11778	1
171	0	1974	0	98198	47.3811	-122.317	1150	3802	0
172	0	1952	0	98028	47.7635	-122.263	1760	10283	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
169	0	0	#REF!	#REF!	#REF!
170	0	1	#REF!	#REF!	#REF!
171	0	1	#REF!	#REF!	#REF!
172	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
169	#REF!	#REF!	#REF!	-399.52	-4120.70
170	#REF!	#REF!	#REF!	-140.52	4099.30
171	#REF!	#REF!	#REF!	-830.52	-4014.70
172	#REF!	#REF!	#REF!	269.48	4085.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
169	-40.6367	159619.70	16980181.87	1651.34	17141452.91	4140.22	1	842.53
170	-8.6367	19747.09	16804247.18	74.59	16824068.87	4101.72	3	790.26
171	-2.6367	689770.69	16117829.12	6.95	16807606.76	4099.71	1	945.63
172	19.3633	72617.13	16689662.83	374.94	16762654.90	4094.22	3	673.71

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
173	2771101251	790	3000	62	1880.5243446	6940.701623	42.63670412	0.005210132
174	7202350060	1690	2890	10	1880.5243446	6940.701623	42.63670412	0.042611998
175	2597530070	2940	10809	23	1880.5243446	6940.701623	42.63670412	0.04405677
176	8965000050	1570	10939	40	1880.5243446	6940.701623	42.63670412	0.004707937

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
173	20150326T000000	395000	1	1	1	0	0	3	6	790
174	20140908T000000	475000	3	2.5	2	0	0	3	7	1690
175	20150318T000000	850000	3	2.5	2	0	0	3	10	2940
176	20140729T000000	515000	3	1.75	1	0	0	3	8	1200

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
173	0	1953	0	98199	47.6544	-122.386	1110	4100	0
174	0	2004	0	98053	47.6802	-122.031	1690	2730	1
175	0	1992	0	98006	47.5418	-122.136	3090	10348	1
176	370	1974	0	98052	47.6389	-122.102	1760	10200	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
173	0	0	#REF!	#REF!	#REF!
174	0	0	#REF!	#REF!	#REF!
175	0	1	#REF!	#REF!	#REF!
176	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
173	#REF!	#REF!	#REF!	-1090.52	-3940.70
174	#REF!	#REF!	#REF!	-190.52	-4050.70
175	#REF!	#REF!	#REF!	1059.48	3868.30
176	#REF!	#REF!	#REF!	-310.52	3998.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
173	19.3633	1189243.35	15529129.28	374.94	16718747.56	4088.86	1	1088.28
174	-32.6367	36299.53	16408183.64	1065.15	16445548.32	4055.31	1	751.02
175	-19.6367	1122488.66	14963732.33	385.60	16086606.60	4010.81	3	1172.80
176	-2.6367	96425.37	15986389.91	6.95	16082822.23	4010.34	3	972.10

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
177	1623800300	1220	3000	88	1880.5243446	6940.701623	42.63670412	0.014131375
178	5556300102	3940	10360	22	1880.5243446	6940.701623	42.63670412	0.014214093
179	9834201145	2880	3091	1	1880.5243446	6940.701623	42.63670412	0.005622815
180	255550150	2090	3002	9	1880.5243446	6940.701623	42.63670412	0.009006609

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
177	20140610T000000	499000	2	1	1	0	0	3	7	920
178	20140714T000000	933399	3	2.5	2	0	0	3	9	3110
179	20150222T000000	635000	4	2.5	2	0	0	3	9	1940
180	20141118T000000	352000	3	2.5	2	0	0	3	7	1670

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
177	300	1926	0	98117	47.6823	-122.365	1270	3000	0
178	830	1992	0	98052	47.6468	-122.116	2720	11941	1
179	940	2014	0	98144	47.5711	-122.286	1560	4080	1
180	420	2005	0	98019	47.745	-121.984	2090	3163	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
177	1	0	#REF!	#REF!	#REF!
178	1	1	#REF!	#REF!	#REF!
179	1	1	#REF!	#REF!	#REF!
180	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
177	#REF!	#REF!	#REF!	-660.52	-3940.70
178	#REF!	#REF!	#REF!	2059.48	3419.30
179	#REF!	#REF!	#REF!	999.48	-3849.70
180	#REF!	#REF!	#REF!	209.48	-3938.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
177	45.3633	436292.41	15529129.28	2057.83	15967479.52	3995.93	1	783.65
178	-20.6367	4241439.98	11691601.39	425.87	15933467.24	3991.67	3	2214.42
179	-41.6367	998951.59	14820202.59	1733.62	15820887.79	3977.55	1	1329.41
180	-33.6367	43880.05	15513370.47	1131.43	15558381.95	3944.41	1	764.63

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
181	9818700215	2000	3000	84	1880.5243446	6940.701623	42.63670412	0.004679298
182	3352402250	700	3180	63	1880.5243446	6940.701623	42.63670412	0.007330613
183	7950302995	1950	3000	16	1880.5243446	6940.701623	42.63670412	0.03663753
184	8563000130	1490	10844	40	1880.5243446	6940.701623	42.63670412	0.02060868

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
181	20150330T000000	464000	5	2	1.5	0	0	3	6	1200
182	20141021T000000	119900	2	1	1	0	0	3	6	480
183	20141110T000000	497950	4	2.5	2	0	0	3	7	1550
184	20140717T000000	445000	3	1.75	1	0	0	3	7	1210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
181	800	1931	0	98122	47.6028	-122.298	1330	4000	1
182	220	1951	0	98178	47.4976	-122.262	1760	6360	0
183	400	1998	0	98118	47.565	-122.281	1540	4300	1
184	280	1974	0	98008	47.6208	-122.106	2090	9944	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
181	1	0	#REF!	#REF!	#REF!
182	1	0	#REF!	#REF!	#REF!
183	1	0	#REF!	#REF!	#REF!
184	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
181	#REF!	#REF!	#REF!	119.48	-3940.70
182	#REF!	#REF!	#REF!	-1180.52	-3760.70
183	#REF!	#REF!	#REF!	69.48	-3940.70
184	#REF!	#REF!	#REF!	-390.52	3903.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
181	41.3633	14274.43	15529129.28	1710.92	15545114.64	3942.73	1	721.24
182	20.3633	1393637.73	14142876.70	414.66	15536929.09	3941.69	1	1073.72
183	-26.6367	4826.87	15529129.28	709.51	15534665.66	3941.40	1	699.12
184	-2.6367	152509.26	15235738.22	6.95	15388254.44	3922.79	3	1096.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
185	7202330170	1650	3031	11	1880.5243446	6940.701623	42.63670412	0.01689649
186	255550070	1930	3031	8	1880.5243446	6940.701623	42.63670412	0.014943717
187	3330500085	1210	3090	88	1880.5243446	6940.701623	42.63670412	0.006329342
188	9323610260	2120	10841	35	1880.5243446	6940.701623	42.63670412	0.028816948

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
185	20140717T000000	438000	3	2.5	2	0	0	3	7	1650
186	20140626T000000	330675	4	3	1	0	0	3	7	1200
187	20140918T000000	366000	2	1	1	0	0	3	6	860
188	20140825T000000	828000	4	2.5	1	0	0	4	8	1500

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
185	0	2003	0	98053	47.682	-122.034	1560	3070	1
186	730	2006	0	98019	47.7457	-121.985	1930	2611	0
187	350	1926	0	98118	47.5532	-122.277	1210	3348	0
188	620	1979	0	98006	47.556	-122.156	3130	10950	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
185	0	0	#REF!	#REF!	#REF!
186	1	0	#REF!	#REF!	#REF!
187	1	0	#REF!	#REF!	#REF!
188	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
185	#REF!	#REF!	#REF!	-230.52	-3909.70
186	#REF!	#REF!	#REF!	49.48	-3909.70
187	#REF!	#REF!	#REF!	-670.52	-3850.70
188	#REF!	#REF!	#REF!	239.48	3900.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
185	-31.6367	53141.47	15285766.78	1000.88	15339909.14	3916.62	1	610.20
186	-34.6367	2447.84	15285766.78	1199.70	15289414.32	3910.17	1	663.14
187	45.3633	449602.90	14827902.99	2057.83	15279563.71	3908.91	1	718.40
188	-7.6367	57348.59	15212327.43	58.32	15269734.34	3907.65	3	859.74

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
189	1425059174	1510	10827	30	1880.5243446	6940.701623	42.63670412	0.036470534
190	9414500230	1760	10835	38	1880.5243446	6940.701623	42.63670412	0.042056681
191	1395500020	1400	10800	52	1880.5243446	6940.701623	42.63670412	0.016795024
192	7961500010	2210	10794	47	1880.5243446	6940.701623	42.63670412	0.040526805

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
189	20141028T000000	390000	3	2	2	0	0	3	7	1510
190	20141022T000000	440000	3	2.25	1	0	0	4	8	1290
191	20141107T000000	279900	3	1	1	0	0	3	6	1400
192	20140806T000000	245000	3	2.25	1	0	0	3	7	1540

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
189	0	1984	0	98052	47.654	-122.127	1900	10908	1
190	470	1976	0	98027	47.522	-122.048	2050	10488	0
191	0	1962	0	98034	47.719	-122.202	1430	10000	0
192	670	1967	0	98178	47.4911	-122.224	2230	10753	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
189	0	0	#REF!	#REF!	#REF!
190	1	1	#REF!	#REF!	#REF!
191	0	0	#REF!	#REF!	#REF!
192	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
189	#REF!	#REF!	#REF!	-370.52	3886.30
190	#REF!	#REF!	#REF!	-120.52	3894.30
191	#REF!	#REF!	#REF!	-480.52	3859.30
192	#REF!	#REF!	#REF!	329.48	3853.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
189	-12.6367	137288.29	15103315.08	159.69	15240763.05	3903.94	3	1097.37
190	-4.6367	14526.12	15165559.85	21.50	15180107.47	3896.17	3	958.94
191	9.3633	230903.65	14894183.96	87.67	15125175.28	3889.11	3	1187.73
192	4.3633	108554.21	14847908.38	19.04	14956481.63	3867.36	3	905.52

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
193	5021900160	1980	10800	66	1880.5243446	6940.701623	42.63670412	0.012252006
194	1088810040	2830	10677	22	1880.5243446	6940.701623	42.63670412	0.033175614
195	9353300600	1360	10726	48	1880.5243446	6940.701623	42.63670412	0.014721124
196	4232901525	1110	3200	89	1880.5243446	6940.701623	42.63670412	0.03616735

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
193	20140618T000000	711000	4	1.75	1	0	0	5	6	990
194	20150320T000000	627250	4	2.5	2	0	0	3	9	2830
195	20140624T000000	348500	3	1.5	1	0	0	4	7	1360
196	20140627T000000	665000	2	1	1	0	0	3	7	1110

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
193	990	1948	0	98040	47.5768	-122.222	2180	10800	0
194	0	1993	0	98011	47.742	-122.208	2970	9619	1
195	0	1966	0	98059	47.4948	-122.134	1650	10726	0
196	0	1925	0	98119	47.6338	-122.358	1170	3600	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
193	1	0	#REF!	#REF!	#REF!
194	0	1	#REF!	#REF!	#REF!
195	0	0	#REF!	#REF!	#REF!
196	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
193	#REF!	#REF!	#REF!	99.48	3859.30
194	#REF!	#REF!	#REF!	949.48	3736.30
195	#REF!	#REF!	#REF!	-520.52	3785.30
196	#REF!	#REF!	#REF!	-770.52	-3740.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
193	23.3633	9895.41	14894183.96	545.84	14904625.21	3860.65	3	920.39
194	-20.6367	901504.02	13959925.56	425.87	14861855.46	3855.11	3	1213.23
195	5.3633	270945.59	14328483.80	28.76	14599458.16	3820.92	3	1269.98
196	46.3633	593707.77	13992848.63	2149.56	14588705.95	3819.52	1	713.65

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
197	2493200215	1820	3140	65	1880.5243446	6940.701623	42.63670412	0.0000462
198	1036450290	1860	3150	14	1880.5243446	6940.701623	42.63670412	0.027291289
199	9353300090	1630	10723	55	1880.5243446	6940.701623	42.63670412	0.037073619
200	3126049154	2400	3192	23	1880.5243446	6940.701623	42.63670412	0.030379708

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
197	20141231T000000	582000	3	1.75	2	0	0	5	8	1820
198	20150202T000000	495000	3	2.5	2	0	0	3	8	1860
199	20140731T000000	360000	3	2	1	0	0	5	7	1630
200	20140925T000000	570000	3	3	2	0	0	3	7	2400

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
197	0	1949	1990	98136	47.5271	-122.384	2030	5499	1
198	0	2001	0	98034	47.719	-122.182	2050	3375	1
199	0	1959	0	98059	47.4898	-122.133	1450	10723	0
200	0	1991	0	98103	47.6963	-122.348	1360	3192	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
197	0	1	#REF!	#REF!	#REF!
198	0	1	#REF!	#REF!	#REF!
199	0	0	#REF!	#REF!	#REF!
200	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
197	#REF!	#REF!	#REF!	-60.52	-3800.70
198	#REF!	#REF!	#REF!	-20.52	-3790.70
199	#REF!	#REF!	#REF!	-250.52	3782.30
200	#REF!	#REF!	#REF!	519.48	-3748.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
197	22.3633	3663.20	14445332.83	500.12	14449496.14	3801.25	1	522.49
198	-28.6367	421.25	14369418.79	820.06	14370660.10	3790.87	1	526.38
199	12.3633	62762.45	14305781.01	152.85	14368696.31	3790.61	3	1118.46
200	-19.6367	269854.96	14052763.86	385.60	14323004.41	3784.57	1	856.77

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
201	6840700036	770	3325	96	1880.5243446	6940.701623	42.63670412	0.040724151
202	4037500110	1840	10720	56	1880.5243446	6940.701623	42.63670412	0.024363683
203	7116500125	1700	3171	87	1880.5243446	6940.701623	42.63670412	0.021716116
204	7789900030	1890	10707	52	1880.5243446	6940.701623	42.63670412	0.022074548

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
201	20140728T000000	497000	2	1	1	0	0	3	7	770
202	20140506T000000	404000	4	1.75	1	0	0	3	7	960
203	20140528T000000	189000	2	2	1	0	0	5	5	850
204	20140725T000000	319990	4	1.5	1	0	0	3	7	1890

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
201	0	1918	0	98122	47.6102	-122.299	960	4800	0
202	880	1958	0	98008	47.6074	-122.125	1840	9044	0
203	850	1927	0	98002	47.3025	-122.224	1380	5906	0
204	0	1962	0	98148	47.428	-122.326	1610	8827	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
201	0	0	#REF!	#REF!	#REF!
202	1	0	#REF!	#REF!	#REF!
203	1	0	#REF!	#REF!	#REF!
204	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
201	#REF!	#REF!	#REF!	-1110.52	-3615.70
202	#REF!	#REF!	#REF!	-40.52	3779.30
203	#REF!	#REF!	#REF!	-180.52	-3769.70
204	#REF!	#REF!	#REF!	9.48	3766.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
201	53.3633	1233264.32	13073298.23	2847.64	14309410.19	3782.78	1	954.98
202	13.3633	1642.22	14283096.22	178.58	14284917.02	3779.54	3	1035.13
203	44.3633	32589.04	14210650.33	1968.10	14245207.47	3774.28	1	472.00
204	9.3633	89.79	14185003.46	87.67	14185180.92	3766.32	3	1032.42

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
205	3758900037	2580	10631	23	1880.5243446	6940.701623	42.63670412	0.010311963
206	9542830210	1660	3200	4	1880.5243446	6940.701623	42.63670412	0.013666859
207	9187200245	1100	3300	95	1880.5243446	6940.701623	42.63670412	0.03574937
208	1180000625	1950	3225	12	1880.5243446	6940.701623	42.63670412	0.020025143

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
205	20150505T000000	865000	4	2.5	2	0	2	4	9	2580
206	20150211T000000	300000	4	2.25	2	0	0	3	7	1660
207	20141231T000000	441000	4	1.5	1	0	0	1	7	1100
208	20141029T000000	315000	4	2.5	2	0	0	3	7	1950

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
205	0	1992	0	98033	47.6993	-122.206	4220	10631	1
206	0	2011	0	98038	47.3666	-122.019	1960	3558	1
207	0	1919	0	98122	47.6033	-122.295	2020	4000	0
208	0	2002	0	98178	47.5014	-122.226	1980	3225	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
205	0	1	#REF!	#REF!	#REF!
206	0	0	#REF!	#REF!	#REF!
207	0	0	#REF!	#REF!	#REF!
208	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
205	#REF!	#REF!	#REF!	699.48	3690.30
206	#REF!	#REF!	#REF!	-220.52	-3740.70
207	#REF!	#REF!	#REF!	-780.52	-3640.70
208	#REF!	#REF!	#REF!	69.48	-3715.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
205	-19.6367	489266.19	13618302.11	385.60	14107953.90	3756.06	3	1141.78
206	-38.6367	48630.99	13992848.63	1492.79	14042972.41	3747.40	1	441.88
207	52.3633	609218.25	13254708.31	2741.91	13866668.47	3723.80	1	665.71
208	-30.6367	4826.87	13806438.55	938.61	13812204.03	3716.48	1	501.62

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
209	9346910500	2060	10650	39	1880.5243446	6940.701623	42.63670412	0.025544058
210	9477001410	1520	10630	48	1880.5243446	6940.701623	42.63670412	0.023639938
211	301400320	1489	3266	0	1880.5243446	6940.701623	42.63670412	0.006923263
212	11520640	3010	10450	18	1880.5243446	6940.701623	42.63670412	0.043977049

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
209	20150330T000000	700000	3	2.5	1	0	0	5	8	1050
210	20150225T000000	425500	4	1.75	1	0	0	4	7	1520
211	20140725T000000	255900	3	2.5	2	0	0	3	7	1489
212	20140801T000000	810000	4	2.75	2	0	0	3	9	3010

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
209	1010	1976	0	98006	47.5627	-122.137	2690	8850	0
210	0	1967	0	98034	47.7347	-122.193	1550	8039	0
211	0	2014	0	98002	47.3452	-122.217	1537	3273	1
212	0	1996	0	98052	47.6979	-122.112	3010	10530	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
209	1	1	#REF!	#REF!	#REF!
210	0	0	#REF!	#REF!	#REF!
211	0	0	#REF!	#REF!	#REF!
212	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
209	#REF!	#REF!	#REF!	179.48	3709.30
210	#REF!	#REF!	#REF!	-360.52	3689.30
211	#REF!	#REF!	#REF!	-391.52	-3674.70
212	#REF!	#REF!	#REF!	1129.48	3509.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
209	-3.6367	32211.51	13758894.45	13.23	13791119.19	3713.64	3	1055.30
210	5.3633	129977.80	13610922.51	28.76	13740929.08	3706.88	3	1254.29
211	-42.6367	153291.31	13503432.02	1817.89	13658541.22	3695.75	1	417.75
212	-24.6367	1275715.26	12315175.10	606.97	13591497.32	3686.66	3	1501.76

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
213	3862710050	1800	3265	0	1880.5243446	6940.701623	42.63670412	0.038057503
214	7511800070	1820	10608	52	1880.5243446	6940.701623	42.63670412	0.040274272
215	5016001535	1920	3300	102	1880.5243446	6940.701623	42.63670412	0.012719765
216	937000280	1280	10521	55	1880.5243446	6940.701623	42.63670412	0.010942554

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
213	20141113T000000	437718	3	2.5	2	0	0	3	8	1800
214	20140821T000000	264000	3	1.5	1	0	0	4	7	1820
215	20150217T000000	725000	3	1.75	1	0	0	4	8	960
216	20150220T000000	199000	4	1	1.5	0	0	3	7	1280

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
213	0	2014	0	98065	47.5338	-121.841	1800	3663	1
214	0	1962	0	98003	47.3366	-122.306	1380	8976	0
215	960	1913	0	98112	47.6239	-122.298	1740	4000	0
216	0	1960	0	98198	47.4215	-122.289	1540	9384	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
213	0	1	#REF!	#REF!	#REF!
214	0	0	#REF!	#REF!	#REF!
215	1	1	#REF!	#REF!	#REF!
216	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
213	#REF!	#REF!	#REF!	-80.52	-3675.70
214	#REF!	#REF!	#REF!	-60.52	3667.30
215	#REF!	#REF!	#REF!	39.48	-3640.70
216	#REF!	#REF!	#REF!	-600.52	3580.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
213	-42.6367	6484.17	13510782.42	1817.89	13519084.48	3676.83	1	399.27
214	9.3633	3663.20	13449077.39	87.67	13452828.25	3667.81	3	1147.63
215	59.3633	1558.33	13254708.31	3524.00	13259790.64	3641.40	1	426.11
216	12.3633	360629.49	12818536.47	152.85	13179318.81	3630.33	3	1480.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
217	3889100029	2670	10481	11	1880.5243446	6940.701623	42.63670412	0.009280152
218	2877101821	1220	3400	87	1880.5243446	6940.701623	42.63670412	0.00355042
219	621069113	1090	10454	51	1880.5243446	6940.701623	42.63670412	0.019310949
220	2597530760	3500	10155	18	1880.5243446	6940.701623	42.63670412	0.01734874

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
217	20140617T000000	810000	3	2.5	2	0	0	3	9	2670
218	20140805T000000	500000	3	1	1	0	0	3	7	1060
219	20141218T000000	200000	3	1.5	1	0	0	3	6	1090
220	20140623T000000	905000	5	3.5	2	0	0	3	10	2570

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
217	0	2003	0	98033	47.6673	-122.176	2620	8895	1
218	160	1927	0	98117	47.6775	-122.363	1350	3750	0
219	0	1963	0	98042	47.3425	-122.082	1230	12196	0
220	930	1996	0	98006	47.5415	-122.133	2940	10753	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
217	0	1	#REF!	#REF!	#REF!
218	1	0	#REF!	#REF!	#REF!
219	0	0	#REF!	#REF!	#REF!
220	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
217	#REF!	#REF!	#REF!	789.48	3540.30
218	#REF!	#REF!	#REF!	-660.52	-3540.70
219	#REF!	#REF!	#REF!	-790.52	3513.30
220	#REF!	#REF!	#REF!	1619.48	3214.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
217	-31.6367	623271.81	12533712.60	1000.88	13157985.29	3627.39	3	1314.49
218	44.3633	436292.41	12536567.98	1968.10	12974828.49	3602.06	1	511.87
219	8.3633	624928.74	12343265.49	69.94	12968264.17	3601.15	3	1652.21
220	-24.6367	2622701.40	10331714.06	606.97	12955022.42	3599.31	3	2033.79

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
221	2475900565	1390	10500	75	1880.5243446	6940.701623	42.63670412	0.009918564
222	1604601155	780	3540	94	1880.5243446	6940.701623	42.63670412	0.028846695
223	1231001110	920	3532	104	1880.5243446	6940.701623	42.63670412	0.020414903
224	3867400180	1000	3513	101	1880.5243446	6940.701623	42.63670412	0.034257514

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
221	20150309T000000	392500	3	1	1.5	0	0	3	6	1390
222	20141208T000000	180000	3	1	1	0	0	2	6	780
223	20140722T000000	380000	3	1	1	0	0	3	6	920
224	20150327T000000	715000	2	1	1	0	4	4	5	1000

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
221	0	1940	0	98024	47.567	-121.893	1350	9800	1
222	0	1920	0	98118	47.565	-122.291	1260	3540	0
223	0	1910	0	98118	47.5539	-122.268	1250	4000	0
224	0	1914	0	98116	47.5935	-122.39	1930	4920	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
221	0	0	#REF!	#REF!	#REF!
222	0	0	#REF!	#REF!	#REF!
223	0	0	#REF!	#REF!	#REF!
224	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
221	#REF!	#REF!	#REF!	-490.52	3559.30
222	#REF!	#REF!	#REF!	-1100.52	-3400.70
223	#REF!	#REF!	#REF!	-960.52	-3408.70
224	#REF!	#REF!	#REF!	-880.52	-3427.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
221	32.3633	240614.13	12668604.94	1047.38	12910266.45	3593.09	3	1434.11
222	51.3633	1211153.83	11564771.53	2638.19	12778563.55	3574.71	1	897.02
223	61.3633	922607.02	11619246.75	3765.45	12545619.23	3541.98	1	760.15
224	58.3633	775323.12	11749138.42	3406.27	12527867.81	3539.47	1	684.36

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
225	7200001005	1510	10450	51	1880.5243446	6940.701623	42.63670412	0.023667845
226	8663310050	2440	10423	59	1880.5243446	6940.701623	42.63670412	0.034370166
227	4022900569	1900	10454	36	1880.5243446	6940.701623	42.63670412	0.011943149
228	3797002585	1240	3500	87	1880.5243446	6940.701623	42.63670412	0.025206239

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
225	20150501T000000	593777	3	1.75	1	0	0	4	7	1510
226	20141006T000000	510000	4	2.5	1	0	0	3	7	2440
227	20141017T000000	405000	3	1.75	1	0	0	3	7	1390
228	20140709T000000	660000	3	1	1	0	0	4	7	1240

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
225	0	1964	0	98052	47.684	-122.113	1310	9450	0
226	0	1955	1993	98034	47.725	-122.172	1990	7758	0
227	510	1978	0	98155	47.7748	-122.291	2000	12000	0
228	0	1927	0	98103	47.6835	-122.347	1650	3360	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
225	0	0	#REF!	#REF!	#REF!
226	0	0	#REF!	#REF!	#REF!
227	1	0	#REF!	#REF!	#REF!
228	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
225	#REF!	#REF!	#REF!	-370.52	3509.30
226	#REF!	#REF!	#REF!	559.48	3482.30
227	#REF!	#REF!	#REF!	19.48	3513.30
228	#REF!	#REF!	#REF!	-640.52	-3440.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
225	8.3633	137288.29	12315175.10	69.94	12452533.33	3528.81	3	1415.52
226	16.3633	313013.01	12126401.99	267.76	12439682.75	3526.99	3	1302.96
227	-6.6367	379.30	12343265.49	44.05	12343688.83	3513.36	3	1275.17
228	44.3633	410271.44	11838427.66	1968.10	12250667.20	3500.10	1	454.32

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
229	7856620210	2810	10300	36	1880.5243446	6940.701623	42.63670412	0.037614947
230	1771100330	1510	10384	38	1880.5243446	6940.701623	42.63670412	0.000511531
231	2115510470	1960	10400	29	1880.5243446	6940.701623	42.63670412	0.004702473
232	1529200480	2130	3500	20	1880.5243446	6940.701623	42.63670412	0.006176202

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
229	20140808T000000	812500	4	2.75	1	0	0	4	9	1810
230	20140605T000000	250000	3	2.5	1	0	0	2	7	1030
231	20141223T000000	285000	4	2.25	1	0	0	4	8	1220
232	20140518T000000	534640	3	2.5	1	0	0	4	8	1210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
229	1000	1978	0	98006	47.5626	-122.149	2710	9900	0
230	480	1976	0	98077	47.758	-122.071	1490	10000	0
231	740	1985	0	98023	47.3199	-122.392	1650	8660	0
232	920	1994	0	98072	47.736	-122.159	2030	3710	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
229	1	1	#REF!	#REF!	#REF!
230	1	0	#REF!	#REF!	#REF!
231	1	1	#REF!	#REF!	#REF!
232	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
229	#REF!	#REF!	#REF!	929.48	3359.30
230	#REF!	#REF!	#REF!	-370.52	3443.30
231	#REF!	#REF!	#REF!	79.48	3459.30
232	#REF!	#REF!	#REF!	249.48	-3440.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
229	-6.6367	863924.99	11284885.59	44.05	12148854.63	3485.52	3	1535.73
230	-4.6367	137288.29	11856303.71	21.50	11993613.50	3463.18	3	1474.05
231	-13.6367	6316.38	11966745.26	185.96	11973247.60	3460.24	3	1316.81
232	-22.6367	62238.10	11838427.66	512.42	11901178.18	3449.81	1	481.41

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
233	1250200285	1130	3600	107	1880.5243446	6940.701623	42.63670412	0.020187295
234	1860600840	2560	3600	20	1880.5243446	6940.701623	42.63670412	0.042590094
235	1250200600	1240	3600	113	1880.5243446	6940.701623	42.63670412	0.030826685
236	2473480560	2470	10290	30	1880.5243446	6940.701623	42.63670412	0.040090646

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
233	20150317T000000	261500	3	1	1	0	0	3	6	1130
234	20140815T000000	925000	3	3	2	0	0	3	10	2110
235	20150408T000000	390000	3	1	1.5	0	0	3	7	1240
236	20140904T000000	350000	3	2.25	2	0	0	3	8	2230

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
233	0	1908	0	98144	47.5978	-122.299	1710	2231	0
234	450	1994	0	98119	47.633	-122.37	2160	3600	1
235	0	1902	0	98144	47.5986	-122.298	1680	3600	1
236	240	1984	0	98058	47.4459	-122.124	1970	10150	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
233	0	0	#REF!	#REF!	#REF!
234	1	1	#REF!	#REF!	#REF!
235	0	0	#REF!	#REF!	#REF!
236	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
233	#REF!	#REF!	#REF!	-750.52	-3340.70
234	#REF!	#REF!	#REF!	679.48	-3340.70
235	#REF!	#REF!	#REF!	-640.52	-3340.70
236	#REF!	#REF!	#REF!	589.48	3349.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
233	64.3633	563286.79	11160287.33	4142.63	11727716.76	3424.58	1	545.20
234	-22.6367	461687.17	11160287.33	512.42	11622486.92	3409.18	1	891.22
235	70.3633	410271.44	11160287.33	4950.99	11575509.76	3402.28	1	437.44
236	-12.6367	347481.55	11217799.62	159.69	11565440.85	3400.80	3	1439.20

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
237	7614100020	1340	10290	33	1880.5243446	6940.701623	42.63670412	0.004508982
238	2652500210	1390	3600	101	1880.5243446	6940.701623	42.63670412	0.033597126
239	9331800580	1000	3700	86	1880.5243446	6940.701623	42.63670412	0.014603313
240	8946750140	1552	3600	3	1880.5243446	6940.701623	42.63670412	0.005805327

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
237	20141017T000000	265000	3	2.5	1	0	0	4	7	1140
238	20140825T000000	608000	2	1	1	0	0	4	7	1010
239	20150310T000000	257000	2	1	1	0	0	3	6	800
240	20150430T000000	282000	3	2.25	2	0	0	3	7	1552

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
237	200	1981	0	98042	47.3553	-122.149	1760	7903	0
238	380	1913	0	98119	47.6422	-122.36	1590	3600	0
239	200	1929	0	98118	47.552	-122.29	1270	5000	0
240	0	2012	0	98092	47.3198	-122.178	1677	3600	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
237	1	0	#REF!	#REF!	#REF!
238	1	0	#REF!	#REF!	#REF!
239	1	0	#REF!	#REF!	#REF!
240	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
237	#REF!	#REF!	#REF!	-540.52	3349.30
238	#REF!	#REF!	#REF!	-490.52	-3340.70
239	#REF!	#REF!	#REF!	-880.52	-3240.70
240	#REF!	#REF!	#REF!	-328.52	-3340.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
237	-9.6367	292166.57	11217799.62	92.87	11510059.05	3392.65	3	1638.40
238	58.3633	240614.13	11160287.33	3406.27	11404307.74	3377.03	1	288.66
239	43.3633	775323.12	10502147.01	1880.38	11279350.51	3358.47	1	674.02
240	-39.6367	107928.24	11160287.33	1571.07	11269786.65	3357.05	1	130.94

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
241	6600490250	2060	3608	11	1880.5243446	6940.701623	42.63670412	0.014317711
242	4123810090	2140	10256	27	1880.5243446	6940.701623	42.63670412	0.025518164
243	3904921100	2700	10160	27	1880.5243446	6940.701623	42.63670412	0.011970575
244	6072400470	2070	10244	45	1880.5243446	6940.701623	42.63670412	0.015228567

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
241	20150421T000000	269000	4	2.5	2	0	0	3	7	2060
242	20140909T000000	393000	3	2.25	2	0	0	3	8	2140
243	20150512T000000	674725	4	2.5	2	0	0	3	9	2700
244	20141113T000000	518000	4	2.5	1	0	0	3	8	1370

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
241	0	2004	0	98198	47.362	-122.309	2060	3608	1
242	0	1987	0	98038	47.3751	-122.044	2040	11717	1
243	0	1988	0	98029	47.5685	-122.012	2760	9219	1
244	700	1969	0	98006	47.5592	-122.178	2070	9683	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
241	0	0	#REF!	#REF!	#REF!
242	0	1	#REF!	#REF!	#REF!
243	0	1	#REF!	#REF!	#REF!
244	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
241	#REF!	#REF!	#REF!	179.48	-3332.70
242	#REF!	#REF!	#REF!	259.48	3315.30
243	#REF!	#REF!	#REF!	819.48	3219.30
244	#REF!	#REF!	#REF!	189.48	3303.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
241	-31.6367	32211.51	11106900.11	1000.88	11140112.50	3337.68	1	392.66
242	-15.6367	67327.62	10991203.33	244.51	11058775.45	3325.47	3	1443.40
243	-15.6367	671540.35	10363882.04	244.51	11035666.90	3322.00	3	1625.61
244	2.3633	35901.02	10911780.17	5.59	10947686.78	3308.73	3	1458.75

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
245	5469503280	3100	10000	36	1880.5243446	6940.701623	42.63670412	0.004426531
246	3204300090	1210	3720	84	1880.5243446	6940.701623	42.63670412	0.002394059
247	5252000170	1910	10230	50	1880.5243446	6940.701623	42.63670412	0.011297974
248	11300120	3350	4007	9	1880.5243446	6940.701623	42.63670412	0.007680848

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
245	20140721T000000	449950	4	2.5	2	0	0	3	9	3100
246	20141110T000000	640000	3	1	2	0	0	4	8	1210
247	20141126T000000	250000	3	1.75	1	0	0	4	7	1290
248	20140630T000000	635000	3	2.5	2	0	0	3	8	2550

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
245	0	1978	0	98042	47.3741	-122.15	1850	9438	1
246	0	1930	0	98112	47.6317	-122.301	1560	6000	1
247	620	1964	0	98031	47.4185	-122.207	1590	10800	0
248	800	2005	0	98034	47.7277	-122.207	2340	4167	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
245	0	1	#REF!	#REF!	#REF!
246	0	1	#REF!	#REF!	#REF!
247	1	0	#REF!	#REF!	#REF!
248	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
245	#REF!	#REF!	#REF!	1219.48	3059.30
246	#REF!	#REF!	#REF!	-670.52	-3220.70
247	#REF!	#REF!	#REF!	29.48	3289.30
248	#REF!	#REF!	#REF!	1469.48	-2933.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
245	-6.6367	1487120.87	9359306.56	44.05	10846471.48	3293.40	3	1933.76
246	41.3633	449602.90	10372918.94	1710.92	10824232.76	3290.02	1	468.66
247	7.3633	868.81	10819483.81	54.22	10820406.85	3289.44	3	1492.84
248	-33.6367	2159358.70	8606605.21	1131.43	10767095.34	3281.33	1	1719.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
249	427000065	4340	9108	36	1880.5243446	6940.701623	42.63670412	0.003782794
250	6865200981	1140	3750	89	1880.5243446	6940.701623	42.63670412	0.031993024
251	1232001480	840	3840	88	1880.5243446	6940.701623	42.63670412	0.033218983
252	8562790720	2630	3757	7	1880.5243446	6940.701623	42.63670412	0.044163277

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
249	20150126T000000	537500	5	2.5	1	0	0	5	8	2170
250	20141221T000000	517000	2	1	1	0	0	4	7	1140
251	20140710T000000	445000	2	1	1	0	0	4	7	840
252	20150514T000000	749950	4	3.5	2	0	0	3	10	2200

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
249	2170	1979	0	98118	47.5384	-122.276	2030	6812	0
250	0	1925	0	98103	47.6619	-122.343	1660	4000	0
251	0	1926	0	98117	47.684	-122.378	1310	3840	0
252	430	2008	0	98027	47.5322	-122.075	2620	2699	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
249	1	1	#REF!	#REF!	#REF!
250	0	0	#REF!	#REF!	#REF!
251	0	0	#REF!	#REF!	#REF!
252	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
249	#REF!	#REF!	#REF!	2459.48	2167.30
250	#REF!	#REF!	#REF!	-740.52	-3190.70
251	#REF!	#REF!	#REF!	-1040.52	-3100.70
252	#REF!	#REF!	#REF!	749.48	-3183.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
249	-6.6367	6049020.50	4697182.26	44.05	10746246.80	3278.15	2	2908.18
250	46.3633	548376.30	10180576.85	2149.56	10731102.71	3275.84	1	543.20
251	45.3633	1082690.91	9614350.55	2057.83	10699099.29	3270.95	1	854.91
252	-35.6367	561713.76	10135956.02	1269.97	10698939.76	3270.92	1	967.80

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
253	1109000040	1300	3731	21	1880.5243446	6940.701623	42.63670412	0.008626492
254	1463400047	1910	10200	51	1880.5243446	6940.701623	42.63670412	0.010127049
255	5631500400	770	10000	82	1880.5243446	6940.701623	42.63670412	0.005754229
256	253600160	1860	3690	14	1880.5243446	6940.701623	42.63670412	0.009367916

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
253	20140528T000000	315000	3	2	1	0	0	3	7	900
254	20140822T000000	335000	4	2	1	0	0	4	7	1910
255	20150225T000000	180000	2	1	1	0	0	3	6	770
256	20140530T000000	384950	3	2.5	2	0	0	3	7	1860

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
253	400	1993	0	98118	47.5374	-122.27	1300	3731	0
254	0	1963	0	98059	47.4804	-122.133	1820	15600	0
255	0	1933	0	98028	47.7379	-122.233	2720	8062	0
256	0	2000	0	98028	47.776	-122.239	1870	4394	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
253	1	0	#REF!	#REF!	#REF!
254	0	0	#REF!	#REF!	#REF!
255	0	0	#REF!	#REF!	#REF!
256	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
253	#REF!	#REF!	#REF!	-580.52	-3209.70
254	#REF!	#REF!	#REF!	29.48	3259.30
255	#REF!	#REF!	#REF!	-1110.52	3059.30
256	#REF!	#REF!	#REF!	-20.52	-3250.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
253	-21.6367	337008.51	10302184.51	468.15	10639661.17	3261.85	1	381.66
254	8.3633	868.81	10623025.91	69.94	10623964.67	3259.44	3	1522.37
255	39.3633	1233264.32	9359306.56	1549.47	10594120.35	3254.86	3	2205.78
256	-28.6367	421.25	10567061.04	820.06	10568302.35	3250.89	1	198.65

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
257	3384300100	1190	10116	46	1880.5243446	6940.701623	42.63670412	0.006254139
258	7237450550	2240	3712	0	1880.5243446	6940.701623	42.63670412	0.015557899
259	9517200610	1290	10117	31	1880.5243446	6940.701623	42.63670412	0.006825232
260	2652501215	1880	3720	90	1880.5243446	6940.701623	42.63670412	0.040190459

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
257	20141226T000000	160134	3	1.5	1	0	0	3	7	1190
258	20140603T000000	363990	4	2.5	2	0	0	3	8	2240
259	20150303T000000	370000	3	1.75	1	0	0	3	7	1290
260	20140702T000000	860000	4	1.75	1.5	0	0	4	7	1880

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
257	0	1968	0	98042	47.385	-122.085	1190	9905	0
258	0	2014	0	98038	47.3551	-122.061	2530	4315	1
259	0	1984	0	98072	47.7598	-122.146	1770	11839	0
260	0	1924	0	98109	47.6431	-122.356	2090	4095	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
257	0	0	#REF!	#REF!	#REF!
258	0	1	#REF!	#REF!	#REF!
259	0	0	#REF!	#REF!	#REF!
260	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
257	#REF!	#REF!	#REF!	-690.52	3175.30
258	#REF!	#REF!	#REF!	359.48	-3228.70
259	#REF!	#REF!	#REF!	-590.52	3176.30
260	#REF!	#REF!	#REF!	-0.52	-3220.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
257	3.3633	476823.87	10082519.78	11.31	10559354.97	3249.52	3	1865.01
258	-42.6367	129222.75	10424514.17	1817.89	10555554.81	3248.93	1	576.17
259	-11.6367	348719.00	10088871.38	135.41	10437725.79	3230.75	3	1813.26
260	47.3633	0.27	10372918.94	2243.28	10375162.50	3221.05	1	229.53

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
261	375000230	1660	3729	92	1880.5243446	6940.701623	42.63670412	0.006511974
262	4139440360	2900	9972	21	1880.5243446	6940.701623	42.63670412	0.04439678
263	2473510260	3390	9760	36	1880.5243446	6940.701623	42.63670412	0.031961924
264	7956200220	1060	10023	52	1880.5243446	6940.701623	42.63670412	0.035831337

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
261	20140626T000000	638000	3	2	1	0	0	5	7	970
262	20140918T000000	850000	4	2.5	2	0	0	3	9	2900
263	20140623T000000	460000	5	2.5	1	0	0	5	8	1750
264	20140811T000000	169500	3	1	1	0	0	3	6	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
261	690	1922	0	98116	47.5741	-122.414	1560	3729	0
262	0	1993	0	98006	47.5536	-122.121	2901	8567	1
263	1640	1978	0	98058	47.4462	-122.137	2360	9600	0
264	0	1962	0	98023	47.2869	-122.36	1060	10023	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
261	1	0	#REF!	#REF!	#REF!
262	0	1	#REF!	#REF!	#REF!
263	1	1	#REF!	#REF!	#REF!
264	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
261	#REF!	#REF!	#REF!	-220.52	-3211.70
262	#REF!	#REF!	#REF!	1019.48	3031.30
263	#REF!	#REF!	#REF!	1509.48	2819.30
264	#REF!	#REF!	#REF!	-820.52	3082.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
261	49.3633	48630.99	10315027.31	2436.73	10366095.04	3219.64	1	101.93
262	-21.6367	1039330.61	9188769.85	468.15	10228568.61	3198.21	3	1872.50
263	-6.6367	2278516.75	7948443.34	44.05	10227004.14	3197.97	3	2287.43
264	9.3633	673260.20	9500563.29	87.67	10173911.16	3189.66	3	2013.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
265	3862710200	1790	3754	1	1880.5243446	6940.701623	42.63670412	0.011945266
266	1518000230	1580	3770	12	1880.5243446	6940.701623	42.63670412	0.006047392
267	191101015	1840	10125	55	1880.5243446	6940.701623	42.63670412	0.026770788
268	3905100380	1860	3766	20	1880.5243446	6940.701623	42.63670412	0.013347457

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
265	20140925T000000	414000	3	2.5	2	0	0	3	8	1790
266	20141231T000000	315000	4	2.75	1	0	0	3	7	1080
267	20141211T000000	830000	3	1.5	1	0	0	4	8	1220
268	20150421T000000	535000	4	2.25	2	0	0	3	8	1860

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
265	0	2013	0	98065	47.534	-121.841	1800	3393	1
266	500	2002	0	98019	47.7368	-121.968	1740	3800	0
267	620	1959	0	98040	47.5607	-122.217	2320	10160	0
268	0	1995	0	98029	47.5699	-122.006	1860	4169	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
265	0	1	#REF!	#REF!	#REF!
266	1	0	#REF!	#REF!	#REF!
267	1	1	#REF!	#REF!	#REF!
268	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
265	#REF!	#REF!	#REF!	-90.52	-3186.70
266	#REF!	#REF!	#REF!	-300.52	-3170.70
267	#REF!	#REF!	#REF!	-40.52	3184.30
268	#REF!	#REF!	#REF!	-20.52	-3174.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
265	-41.6367	8194.66	10155067.23	1733.62	10164995.51	3188.26	1	170.83
266	-30.6367	90314.88	10053348.78	938.61	10144602.27	3185.06	1	161.16
267	12.3633	1642.22	10139756.15	152.85	10141551.23	3184.58	3	1609.46
268	-22.6367	421.25	10078730.39	512.42	10079664.06	3174.85	1	229.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
269	1974200060	2400	10070	48	1880.5243446	6940.701623	42.63670412	0.029560338
270	8944290200	1650	3788	29	1880.5243446	6940.701623	42.63670412	0.035371941
271	2600010390	2430	10050	35	1880.5243446	6940.701623	42.63670412	0.032860605
272	9459200120	1170	3868	90	1880.5243446	6940.701623	42.63670412	0.019348576

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
269	20150424T000000	525000	4	2.5	1	0	0	3	7	1510
270	20140918T000000	233703	3	2.25	2	0	0	3	7	1650
271	20141015T000000	825000	4	2.25	2	0	0	4	8	2430
272	20150304T000000	400000	3	2	1.5	0	0	4	7	1170

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
269	890	1967	0	98034	47.7104	-122.24	2030	9964	0
270	0	1985	0	98031	47.3908	-122.167	1510	3994	1
271	0	1979	0	98006	47.5563	-122.163	2390	10250	1
272	0	1925	0	98118	47.5543	-122.29	1400	3800	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
269	1	0	#REF!	#REF!	#REF!
270	0	0	#REF!	#REF!	#REF!
271	0	1	#REF!	#REF!	#REF!
272	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
269	#REF!	#REF!	#REF!	519.48	3129.30
270	#REF!	#REF!	#REF!	-230.52	-3152.70
271	#REF!	#REF!	#REF!	549.48	3109.30
272	#REF!	#REF!	#REF!	-710.52	-3072.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
269	5.3633	269854.96	9792508.33	28.76	10062392.05	3172.13	3	1644.18
270	-13.6367	53141.47	9939527.52	185.96	9992854.96	3161.15	1	150.01
271	-7.6367	301923.50	9667736.40	58.32	9969718.21	3157.49	3	1668.29
272	47.3633	504844.84	9441495.26	2243.28	9948583.39	3154.14	1	551.49

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
273	2026049097	1400	10052	57	1880.5243446	6940.701623	42.63670412	0.027678716
274	2734100395	760	4000	105	1880.5243446	6940.701623	42.63670412	0.038542608
275	9558021000	2070	3808	12	1880.5243446	6940.701623	42.63670412	0.032308738
276	3876300310	2060	10070	39	1880.5243446	6940.701623	42.63670412	0.027297713

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
273	20141125T000000	431750	2	2	1	0	0	3	8	1400
274	20150513T000000	380000	2	1	1.5	0	0	3	6	760
275	20150120T000000	348000	4	2.5	2	0	0	3	8	2070
276	20141022T000000	439000	4	2.25	2	0	0	3	7	2060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
273	0	1957	0	98125	47.7262	-122.316	1400	8785	0
274	0	1910	0	98108	47.5462	-122.32	1130	4000	1
275	0	2003	0	98058	47.4498	-122.12	1900	2992	1
276	0	1975	0	98034	47.7258	-122.177	2060	8155	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
273	0	1	#REF!	#REF!	#REF!
274	0	0	#REF!	#REF!	#REF!
275	0	1	#REF!	#REF!	#REF!
276	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
273	#REF!	#REF!	#REF!	-480.52	3111.30
274	#REF!	#REF!	#REF!	-1120.52	-2940.70
275	#REF!	#REF!	#REF!	189.48	-3132.70
276	#REF!	#REF!	#REF!	179.48	3129.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
273	14.3633	230903.65	9680177.59	206.30	9911287.54	3148.22	3	1820.73
274	62.3633	1255574.81	8647726.04	3889.18	9907190.02	3147.57	1	980.55
275	-30.6367	35901.02	9813819.46	938.61	9850659.09	3138.58	1	434.98
276	-3.6367	32211.51	9792508.33	13.23	9824733.07	3134.44	3	1633.02

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
277	4324500490	1060	9954	54	1880.5243446	6940.701623	42.63670412	0.006773263
278	1698900075	2890	4000	84	1880.5243446	6940.701623	42.63670412	0.028380862
279	6145602355	1640	3844	87	1880.5243446	6940.701623	42.63670412	0.029755276
280	1123059116	2790	9910	12	1880.5243446	6940.701623	42.63670412	0.039673889

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
277	20141223T000000	215000	3	1	1	0	0	4	7	1060
278	20150415T000000	740000	4	2.75	1.5	0	0	4	9	2190
279	20150225T000000	325000	4	1	1.5	0	0	4	7	1460
280	20150319T000000	518000	4	2.5	2	0	0	3	8	2790

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
277	0	1960	0	98032	47.3801	-122.289	1620	8760	0
278	700	1931	0	98109	47.6419	-122.351	2280	4000	1
279	180	1928	0	98133	47.7017	-122.354	1230	3844	1
280	0	2003	0	98059	47.4891	-122.141	2590	9910	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
277	0	0	#REF!	#REF!	#REF!
278	1	1	#REF!	#REF!	#REF!
279	1	0	#REF!	#REF!	#REF!
280	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
277	#REF!	#REF!	#REF!	-820.52	3013.30
278	#REF!	#REF!	#REF!	1009.48	-2940.70
279	#REF!	#REF!	#REF!	-240.52	-3096.70
280	#REF!	#REF!	#REF!	909.48	2969.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
277	11.3633	673260.20	9079967.11	129.12	9753356.43	3123.04	3	2071.43
278	41.3633	1019041.10	8647726.04	1710.92	9668478.06	3109.42	1	1272.67
279	44.3633	57851.96	9589560.94	1968.10	9649381.00	3106.35	1	210.76
280	-30.6367	827145.97	8816732.85	938.61	9644817.43	3105.61	3	1891.44

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
281	7504030090	2780	9900	36	1880.5243446	6940.701623	42.63670412	0.00989368
282	7327902612	930	4000	72	1880.5243446	6940.701623	42.63670412	0.024505256
283	770000045	2830	4000	96	1880.5243446	6940.701623	42.63670412	0.029907298
284	8731951370	1490	10000	46	1880.5243446	6940.701623	42.63670412	0.004580906

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
281	20140601T000000	660000	4	1.75	2	0	0	4	10	2780
282	20150513T000000	269500	2	1	1	0	0	3	6	730
283	20141024T000000	405600	5	1.5	2.5	0	0	4	8	2830
284	20150415T000000	269000	4	1.75	1	0	0	4	8	1100

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
281	0	1978	0	98074	47.6348	-122.06	2600	12000	1
282	200	1943	0	98108	47.5321	-122.323	1100	5000	0
283	0	1918	0	98118	47.5132	-122.262	1480	4000	1
284	390	1969	0	98023	47.3099	-122.379	2190	8910	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
281	0	1	#REF!	#REF!	#REF!
282	1	0	#REF!	#REF!	#REF!
283	0	1	#REF!	#REF!	#REF!
284	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
281	#REF!	#REF!	#REF!	899.48	2959.30
282	#REF!	#REF!	#REF!	-950.52	-2940.70
283	#REF!	#REF!	#REF!	949.48	-2940.70
284	#REF!	#REF!	#REF!	-390.52	3059.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
281	-6.6367	809056.45	8757446.88	44.05	9566547.38	3092.98	3	1897.48
282	29.3633	903496.53	8647726.04	862.20	9552084.77	3090.64	1	823.40
283	53.3633	901504.02	8647726.04	2847.64	9552077.70	3090.64	1	1215.73
284	3.3633	152509.26	9359306.56	11.31	9511827.14	3084.13	3	1832.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
285	2922703150	1110	3960	64	1880.5243446	6940.701623	42.63670412	0.038917781
286	1624049092	1320	9967	95	1880.5243446	6940.701623	42.63670412	0.040851468
287	7312200120	1760	10013	31	1880.5243446	6940.701623	42.63670412	0.036927904
288	2436700315	1010	4000	95	1880.5243446	6940.701623	42.63670412	0.007873032

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
285	20150304T000000	413252	3	0.75	1	0	0	3	7	1110
286	20140630T000000	255000	2	1	1	0	0	3	6	940
287	20140723T000000	450000	3	2.25	2	0	0	4	8	1760
288	20141014T000000	441500	2	1.75	1.5	0	0	5	7	1010

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
285	0	1951	0	98117	47.6834	-122.366	1610	5530	0
286	380	1919	0	98108	47.5693	-122.296	1970	7587	0
287	0	1983	0	98056	47.5336	-122.189	1810	9768	1
288	0	1919	0	98105	47.6665	-122.287	1470	4000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
285	0	0	#REF!	#REF!	#REF!
286	1	0	#REF!	#REF!	#REF!
287	0	1	#REF!	#REF!	#REF!
288	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
285	#REF!	#REF!	#REF!	-770.52	-2980.70
286	#REF!	#REF!	#REF!	-560.52	3026.30
287	#REF!	#REF!	#REF!	-120.52	3072.30
288	#REF!	#REF!	#REF!	-870.52	-2940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
285	21.3633	593707.77	8884582.17	456.39	9478746.32	3078.76	1	645.29
286	52.3633	314187.54	9158481.87	2741.91	9475411.32	3078.22	3	1932.75
287	-11.6367	14526.12	9439017.32	135.41	9453678.85	3074.68	3	1736.53
288	52.3633	757812.63	8647726.04	2741.91	9408280.58	3067.29	1	753.55

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
289	2131200925	1660	10000	42	1880.5243446	6940.701623	42.63670412	0.022096388
290	3942900010	1710	9996	65	1880.5243446	6940.701623	42.63670412	0.015875324
291	1797500435	1060	4000	105	1880.5243446	6940.701623	42.63670412	0.000705983
292	2144800117	2600	9900	49	1880.5243446	6940.701623	42.63670412	0.020561466

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
289	20140729T000000	331292	3	1.75	1	0	0	3	7	1660
290	20150305T000000	380000	4	2	1	0	0	3	7	1710
291	20150420T000000	570000	2	1	1	0	0	4	7	1060
292	20140626T000000	270000	4	2.25	1	0	0	3	7	1600

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
289	0	1972	0	98019	47.741	-121.978	1770	10000	0
290	0	1950	0	98108	47.5472	-122.3	1550	6768	0
291	0	1910	0	98115	47.6731	-122.315	1770	4000	0
292	1000	1965	0	98178	47.4881	-122.237	1770	11250	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
289	0	0	#REF!	#REF!	#REF!
290	0	0	#REF!	#REF!	#REF!
291	0	0	#REF!	#REF!	#REF!
292	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
289	#REF!	#REF!	#REF!	-220.52	3059.30
290	#REF!	#REF!	#REF!	-170.52	3055.30
291	#REF!	#REF!	#REF!	-820.52	-2940.70
292	#REF!	#REF!	#REF!	719.48	2959.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
289	-0.6367	48630.99	9359306.56	0.41	9407937.95	3067.24	3	1775.59
290	22.3633	29078.55	9334848.17	500.12	9364426.84	3060.14	3	1765.72
291	62.3633	673260.20	8647726.04	3889.18	9324875.42	3053.67	1	710.97
292	6.3633	517645.22	8757446.88	40.49	9275132.59	3045.51	3	1848.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
293	9178600055	1140	3990	91	1880.5243446	6940.701623	42.63670412	0.044422347
294	9103000365	2660	4000	11	1880.5243446	6940.701623	42.63670412	0.002864621
295	7202260330	2660	4000	13	1880.5243446	6940.701623	42.63670412	0.031783193
296	3790600080	1590	9960	39	1880.5243446	6940.701623	42.63670412	0.041643841

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
293	20150505T000000	695000	2	1	1	0	0	3	7	1140
294	20140620T000000	915000	3	3.25	2	0	0	3	9	2170
295	20140509T000000	583000	4	2.5	2	0	0	3	8	2660
296	20150408T000000	434975	3	2.25	1	0	0	3	7	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
293	0	1924	0	98103	47.6554	-122.333	1800	5700	0
294	490	2003	0	98122	47.6186	-122.288	2660	4000	1
295	0	2001	0	98053	47.6876	-122.038	2330	4517	1
296	530	1976	0	98155	47.7742	-122.287	1860	9760	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
293	0	0	#REF!	#REF!	#REF!
294	1	1	#REF!	#REF!	#REF!
295	0	1	#REF!	#REF!	#REF!
296	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
293	#REF!	#REF!	#REF!	-740.52	-2950.70
294	#REF!	#REF!	#REF!	779.48	-2940.70
295	#REF!	#REF!	#REF!	779.48	-2940.70
296	#REF!	#REF!	#REF!	-290.52	3019.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
293	48.3633	548376.30	8706640.07	2339.01	9257355.38	3042.59	1	636.91
294	-31.6367	607582.30	8647726.04	1000.88	9256309.21	3042.42	1	1053.92
295	-29.6367	607582.30	8647726.04	878.33	9256186.67	3042.40	1	1053.87
296	-3.6367	84404.39	9116162.69	13.23	9200580.31	3033.25	3	1835.05

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
297	203900920	1130	9879	18	1880.5243446	6940.701623	42.63670412	0.043592121
298	2597490140	3040	4155	2	1880.5243446	6940.701623	42.63670412	0.030115981
299	7133300380	2500	4000	1	1880.5243446	6940.701623	42.63670412	0.008514191
300	259600620	1950	9940	52	1880.5243446	6940.701623	42.63670412	0.038721101

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
297	20140715T000000	340000	3	2	2	0	0	3	6	1130
298	20150326T000000	825000	4	3.25	2	0	0	3	8	2350
299	20150209T000000	635000	4	2.5	2	0	0	3	8	2500
300	20150206T000000	565000	4	2	1	0	0	4	7	1950

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
297	0	1996	0	98053	47.635	-121.964	1900	14907	1
298	690	2013	0	98029	47.5429	-122.012	2680	4000	1
299	0	2014	0	98144	47.5902	-122.311	1480	4300	1
300	0	1963	0	98008	47.6332	-122.118	1920	9270	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
297	0	0	#REF!	#REF!	#REF!
298	1	1	#REF!	#REF!	#REF!
299	0	1	#REF!	#REF!	#REF!
300	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
297	#REF!	#REF!	#REF!	-750.52	2938.30
298	#REF!	#REF!	#REF!	1159.48	-2785.70
299	#REF!	#REF!	#REF!	619.48	-2940.70
300	#REF!	#REF!	#REF!	69.48	2999.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
297	-24.6367	563286.79	8633597.35	606.97	9197491.11	3032.74	3	2099.33
298	-40.6367	1344383.80	7760133.53	1651.34	9106168.67	3017.64	1	1464.19
299	-41.6367	383750.09	8647726.04	1733.62	9033209.74	3005.53	1	905.70
300	9.3633	4826.87	8995790.75	87.67	9000705.29	3000.12	3	1773.40

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
301	7202330410	1470	3971	12	1880.5243446	6940.701623	42.63670412	0.009907758
302	5468760050	1600	9921	6	1880.5243446	6940.701623	42.63670412	0.001957034
303	7849202231	1470	3976	15	1880.5243446	6940.701623	42.63670412	0.00056674
304	7010700210	1370	4000	63	1880.5243446	6940.701623	42.63670412	0.0111797

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
301	20150320T000000	491150	3	2.5	2	0	0	3	7	1470
302	20150105T000000	270000	4	2.5	2	0	0	3	7	1600
303	20140723T000000	337000	3	2.5	2	0	0	3	7	1470
304	20140605T000000	605004	4	2	2	0	0	3	9	1370

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
301	0	2003	0	98053	47.6816	-122.035	1650	3148	1
302	0	2009	0	98042	47.3678	-122.124	2140	5806	1
303	0	1999	0	98065	47.526	-121.826	1490	4400	1
304	0	1951	1994	98199	47.6593	-122.394	2010	5720	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
301	0	0	#REF!	#REF!	#REF!
302	0	0	#REF!	#REF!	#REF!
303	0	0	#REF!	#REF!	#REF!
304	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
301	#REF!	#REF!	#REF!	-410.52	-2969.70
302	#REF!	#REF!	#REF!	-280.52	2980.30
303	#REF!	#REF!	#REF!	-410.52	-2964.70
304	#REF!	#REF!	#REF!	-510.52	-2940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
301	-30.6367	168530.24	8819127.73	938.61	8988596.57	2998.10	1	387.97
302	-36.6367	78693.91	8882178.42	1342.25	8962214.57	2993.70	3	1869.27
303	-27.6367	168530.24	8789455.71	763.79	8958749.74	2993.12	1	392.02
304	20.3633	260635.11	8647726.04	414.66	8908775.81	2984.76	1	469.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
305	4206901435	1450	4000	112	1880.5243446	6940.701623	42.63670412	0.00041512
306	3300701440	1480	4000	89	1880.5243446	6940.701623	42.63670412	0.034843199
307	3288100290	3230	9576	49	1880.5243446	6940.701623	42.63670412	0.003623219
308	1622049242	3148	9612	1	1880.5243446	6940.701623	42.63670412	0.018749627

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
305	20150122T000000	650000	2	1.75	1.5	0	0	4	7	1350
306	20140729T000000	409000	2	1.75	1	0	0	4	6	740
307	20150507T000000	605000	3	2.75	1.5	0	0	4	8	3230
308	20150304T000000	550000	4	2.5	2	0	3	3	9	3148

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
305	100	1903	0	98105	47.6571	-122.326	1310	4000	1
306	740	1925	0	98117	47.6916	-122.38	1060	4000	0
307	0	1966	0	98034	47.7307	-122.183	2820	9576	1
308	0	2014	0	98198	47.3994	-122.311	3000	11475	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
305	1	0	#REF!	#REF!	#REF!
306	1	0	#REF!	#REF!	#REF!
307	0	1	#REF!	#REF!	#REF!
308	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
305	#REF!	#REF!	#REF!	-430.52	-2940.70
306	#REF!	#REF!	#REF!	-400.52	-2940.70
307	#REF!	#REF!	#REF!	1349.48	2635.30
308	#REF!	#REF!	#REF!	1267.48	2671.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
305	69.3633	185351.21	8647726.04	4811.27	8837888.51	2972.86	1	427.44
306	46.3633	160419.75	8647726.04	2149.56	8810295.34	2968.21	1	409.60
307	6.3633	1821084.54	6944797.54	40.49	8765922.57	2960.73	3	2370.01
308	-41.6367	1606494.54	7135835.02	1733.62	8744063.17	2957.04	3	2302.36

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
309	4083302485	2170	4000	90	1880.5243446	6940.701623	42.63670412	0.0441833
310	3726800201	2160	4000	62	1880.5243446	6940.701623	42.63670412	0.038046355
311	1930300190	1640	4000	105	1880.5243446	6940.701623	42.63670412	0.030659995
312	5244801230	2120	4000	104	1880.5243446	6940.701623	42.63670412	0.002102404

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
309	20150420T000000	913000	3	1.75	1	0	0	4	7	1110
310	20150417T000000	410000	3	1.75	1	0	0	3	7	1080
311	20140714T000000	716100	3	1	1.5	0	0	5	7	1640
312	20140829T000000	682000	5	2.25	1.5	0	0	4	7	1720

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
309	1060	1925	0	98103	47.6546	-122.337	1890	4000	0
310	1080	1953	0	98144	47.5721	-122.309	1260	3200	0
311	0	1909	0	98103	47.6563	-122.351	2140	4000	1
312	400	1910	0	98109	47.644	-122.353	1960	4000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
309	1	0	#REF!	#REF!	#REF!
310	1	0	#REF!	#REF!	#REF!
311	0	0	#REF!	#REF!	#REF!
312	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
309	#REF!	#REF!	#REF!	289.48	-2940.70
310	#REF!	#REF!	#REF!	279.48	-2940.70
311	#REF!	#REF!	#REF!	-240.52	-2940.70
312	#REF!	#REF!	#REF!	239.48	-2940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
309	47.3633	83796.16	8647726.04	2243.28	8733765.47	2955.29	1	617.89
310	19.3633	78106.64	8647726.04	374.94	8726207.61	2954.02	1	608.32
311	62.3633	57851.96	8647726.04	3889.18	8709467.18	2951.18	1	366.46
312	61.3633	57348.59	8647726.04	3765.45	8708840.08	2951.07	1	579.47

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
313	1518000290	1580	4007	14	1880.5243446	6940.701623	42.63670412	0.035121716
314	4385701440	1660	4000	74	1880.5243446	6940.701623	42.63670412	0.029996321
315	3298700305	710	4240	72	1880.5243446	6940.701623	42.63670412	0.014928998
316	7967000200	1930	4000	0	1880.5243446	6940.701623	42.63670412	0.017793291

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
313	20150316T000000	325000	3	2.75	2	0	0	3	7	1580
314	20140926T000000	765000	2	1.75	1	0	0	3	7	990
315	20141229T000000	271000	2	1	1	0	0	4	6	710
316	20141121T000000	345500	3	2.5	2	0	0	3	8	1930

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
313	0	2001	0	98019	47.7367	-121.969	1770	3799	1
314	670	1940	0	98112	47.6394	-122.28	2070	4000	0
315	0	1942	0	98106	47.5226	-122.351	850	5200	0
316	0	2014	0	98001	47.3518	-122.275	2050	4000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
313	0	0	#REF!	#REF!	#REF!
314	1	0	#REF!	#REF!	#REF!
315	0	0	#REF!	#REF!	#REF!
316	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
313	#REF!	#REF!	#REF!	-300.52	-2933.70
314	#REF!	#REF!	#REF!	-220.52	-2940.70
315	#REF!	#REF!	#REF!	-1170.52	-2700.70
316	#REF!	#REF!	#REF!	49.48	-2940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
313	-28.6367	90314.88	8606605.21	820.06	8697740.16	2949.19	1	378.99
314	31.3633	48630.99	8647726.04	983.66	8697340.68	2949.13	1	361.43
315	29.3633	1370127.24	7293789.26	862.20	8664778.70	2943.60	1	1132.42
316	-42.6367	2447.84	8647726.04	1817.89	8651991.76	2941.43	1	446.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
317	8649401000	1070	9750	19	1880.5243446	6940.701623	42.63670412	0.017660138
318	5100403952	1090	4128	67	1880.5243446	6940.701623	42.63670412	0.02367251
319	3782760080	2510	4090	2	1880.5243446	6940.701623	42.63670412	0.012654942
320	3629910210	2510	4106	11	1880.5243446	6940.701623	42.63670412	0.021684486

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
317	20141022T000000	241000	2	1.75	1.5	0	0	3	7	1070
318	20150225T000000	440000	2	1	1	0	0	3	7	1090
319	20140718T000000	410000	4	2.25	2	0	0	3	8	1840
320	20141103T000000	699950	3	2.5	2	0	0	3	9	2510

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
317	0	1995	0	98014	47.7131	-121.319	970	9750	1
318	0	1948	0	98115	47.696	-122.314	1090	5413	0
319	670	2012	0	98019	47.7345	-121.967	2070	4090	1
320	0	2003	0	98029	47.5494	-121.994	2470	4106	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
317	0	0	#REF!	#REF!	#REF!
318	0	0	#REF!	#REF!	#REF!
319	1	1	#REF!	#REF!	#REF!
320	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
317	#REF!	#REF!	#REF!	-810.52	2809.30
318	#REF!	#REF!	#REF!	-790.52	-2812.70
319	#REF!	#REF!	#REF!	629.48	-2850.70
320	#REF!	#REF!	#REF!	629.48	-2834.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
317	-23.6367	656949.71	7892157.37	558.69	8549665.78	2923.98	3	2241.08
318	24.3633	624928.74	7911290.42	593.57	8536812.73	2921.78	1	758.34
319	-40.6367	396239.60	8126499.74	1651.34	8524390.69	2919.66	1	953.84
320	-31.6367	396239.60	8035533.29	1000.88	8432773.77	2903.92	1	961.15

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
321	3307700150	1720	9830	69	1880.5243446	6940.701623	42.63670412	0.006228328
322	1338600090	1040	4172	68	1880.5243446	6940.701623	42.63670412	0.03578332
323	4279200060	2110	9825	14	1880.5243446	6940.701623	42.63670412	0.020461442
324	3904901450	1850	4050	29	1880.5243446	6940.701623	42.63670412	0.037605782

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
321	20150413T000000	950000	3	1	1	0	0	4	7	1720
322	20140923T000000	370000	2	1	1	0	0	3	7	1040
323	20141230T000000	420000	4	2.5	2	0	0	3	8	2110
324	20141120T000000	445000	3	2.25	2	0	0	4	7	1850

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
321	0	1946	0	98040	47.5905	-122.245	3200	8923	0
322	0	1946	0	98112	47.6308	-122.302	3120	4800	0
323	0	2000	0	98059	47.4979	-122.153	1650	9900	1
324	0	1985	0	98029	47.5669	-122.017	1650	4468	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
321	0	0	#REF!	#REF!	#REF!
322	0	0	#REF!	#REF!	#REF!
323	0	1	#REF!	#REF!	#REF!
324	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
321	#REF!	#REF!	#REF!	-160.52	2889.30
322	#REF!	#REF!	#REF!	-840.52	-2768.70
323	#REF!	#REF!	#REF!	229.48	2884.30
324	#REF!	#REF!	#REF!	-30.52	-2890.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
321	26.3633	25768.07	8348045.11	695.02	8374508.20	2893.87	3	1923.97
322	25.3633	706481.17	7665708.68	643.30	8372833.15	2893.58	1	824.92
323	-28.6367	52659.08	8319177.13	820.06	8372656.26	2893.55	3	1875.24
324	-13.6367	931.74	8356155.87	185.96	8357273.57	2890.89	1	447.99

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
325	4022902505	2220	9800	27	1880.5243446	6940.701623	42.63670412	0.024259692
326	2112700845	1300	4127	96	1880.5243446	6940.701623	42.63670412	0.021240136
327	1189000700	1600	4128	108	1880.5243446	6940.701623	42.63670412	0.013992667
328	123039604	820	4320	77	1880.5243446	6940.701623	42.63670412	0.012346162

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
325	20140731T000000	470000	3	2.25	2	0	0	3	8	2220
326	20140528T000000	270000	3	1.75	1	0	0	4	6	650
327	20141001T000000	625000	3	1.5	1.5	0	0	3	8	1250
328	20140701T000000	102500	2	1	1	0	0	3	5	820

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
325	0	1987	0	98155	47.7635	-122.286	2420	10232	1
326	650	1918	1953	98106	47.5353	-122.352	1420	4000	0
327	350	1906	0	98122	47.6122	-122.297	1540	3976	1
328	0	1937	0	98106	47.514	-122.359	780	7424	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
325	0	1	#REF!	#REF!	#REF!
326	1	0	#REF!	#REF!	#REF!
327	1	1	#REF!	#REF!	#REF!
328	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
325	#REF!	#REF!	#REF!	339.48	2859.30
326	#REF!	#REF!	#REF!	-580.52	-2813.70
327	#REF!	#REF!	#REF!	-280.52	-2812.70
328	#REF!	#REF!	#REF!	-1060.52	-2620.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
325	-15.6367	115243.72	8175587.21	244.51	8291075.44	2879.42	3	1899.43
326	53.3633	337008.51	7916916.82	2847.64	8256772.98	2873.46	1	613.86
327	65.3633	78693.91	7911290.42	4272.36	7994256.69	2827.41	1	497.21
328	34.3633	1124711.89	6868077.00	1180.84	7993969.72	2827.36	1	1089.03

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
329	9320990110	1720	4120	16	1880.5243446	6940.701623	42.63670412	0.02796625
330	6600400090	1640	9750	47	1880.5243446	6940.701623	42.63670412	0.02746255
331	268500020	1650	9750	50	1880.5243446	6940.701623	42.63670412	0.022967767
332	7972000200	1720	9753	36	1880.5243446	6940.701623	42.63670412	0.003729808

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
329	20150409T000000	340000	3	2.5	2	0	0	3	7	1720
330	20150113T000000	207500	3	1	1	0	0	3	7	1640
331	20141106T000000	282500	4	1	1	0	0	4	7	1650
332	20140529T000000	264950	4	2.25	1	0	0	4	7	1120

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
329	0	1999	0	98148	47.4319	-122.328	1720	5544	1
330	0	1968	0	98042	47.3256	-122.141	1200	9750	0
331	0	1964	0	98059	47.4991	-122.164	1650	10112	0
332	600	1978	0	98023	47.2922	-122.371	1510	9753	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
329	0	0	#REF!	#REF!	#REF!
330	0	0	#REF!	#REF!	#REF!
331	0	0	#REF!	#REF!	#REF!
332	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
329	#REF!	#REF!	#REF!	-160.52	-2820.70
330	#REF!	#REF!	#REF!	-240.52	2809.30
331	#REF!	#REF!	#REF!	-230.52	2809.30
332	#REF!	#REF!	#REF!	-160.52	2812.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
329	-26.6367	25768.07	7956357.65	709.51	7982835.23	2825.39	1	483.35
330	4.3633	57851.96	7892157.37	19.04	7950028.37	2819.58	3	2021.32
331	7.3633	53141.47	7892157.37	54.22	7945353.06	2818.75	3	2018.70
332	-6.6367	25768.07	7909022.16	44.05	7934834.27	2816.88	3	1998.66

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
333	7883602650	860	4320	90	1880.5243446	6940.701623	42.63670412	0.010062413
334	8731960050	3130	9450	41	1880.5243446	6940.701623	42.63670412	0.014012799
335	2810100040	1610	4160	97	1880.5243446	6940.701623	42.63670412	0.028171134
336	7852090810	2430	4203	13	1880.5243446	6940.701623	42.63670412	0.038022639

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
333	20150413T000000	250000	2	1	1	0	0	3	7	860
334	20141229T000000	302300	5	2.75	1	0	0	4	8	1580
335	20140507T000000	485000	3	2	1	0	0	4	7	1010
336	20141119T000000	515000	3	2.5	2	0	0	3	8	2430

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
333	0	1925	0	98108	47.5263	-122.325	980	6000	0
334	1550	1973	0	98023	47.3099	-122.384	1900	9000	0
335	600	1917	0	98136	47.5421	-122.388	1040	4400	0
336	0	2001	0	98065	47.5346	-121.875	2500	4798	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
333	0	0	#REF!	#REF!	#REF!
334	1	1	#REF!	#REF!	#REF!
335	1	0	#REF!	#REF!	#REF!
336	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
333	#REF!	#REF!	#REF!	-1020.52	-2620.70
334	#REF!	#REF!	#REF!	1249.48	2509.30
335	#REF!	#REF!	#REF!	-270.52	-2780.70
336	#REF!	#REF!	#REF!	549.48	-2737.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
333	47.3633	1041469.94	6868077.00	2243.28	7911790.22	2812.79	1	1058.60
334	-1.6367	1561189.41	6296578.34	2.68	7857770.44	2803.17	2	2298.67
335	54.3633	73183.42	7732301.52	2955.37	7808440.30	2794.36	1	526.18
336	-29.6367	301923.50	7495010.18	878.33	7797812.01	2792.46	1	946.30

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
337	255450340	2370	4200	0	1880.5243446	6940.701623	42.63670412	0.016082041
338	1274500300	1090	9600	46	1880.5243446	6940.701623	42.63670412	0.009040151
339	7883603965	1210	4250	74	1880.5243446	6940.701623	42.63670412	0.028017045
340	6308000020	2290	4203	14	1880.5243446	6940.701623	42.63670412	0.028375313

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
337	20140827T000000	387865	3	2.5	2	0	0	3	8	2370
338	20140623T000000	200000	3	1.5	1	0	0	4	7	1090
339	20150212T000000	315000	4	2	1	0	0	4	7	1210
340	20150403T000000	590000	3	2.5	2	0	0	3	9	2290

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
337	0	2014	0	98038	47.3696	-122.018	2370	4200	1
338	0	1968	0	98042	47.3639	-122.109	1240	9620	0
339	0	1941	0	98108	47.5275	-122.321	1210	6000	0
340	0	2001	0	98006	47.5441	-122.172	2290	5089	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
337	0	1	#REF!	#REF!	#REF!
338	0	0	#REF!	#REF!	#REF!
339	0	0	#REF!	#REF!	#REF!
340	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
337	#REF!	#REF!	#REF!	489.48	-2740.70
338	#REF!	#REF!	#REF!	-790.52	2659.30
339	#REF!	#REF!	#REF!	-670.52	-2690.70
340	#REF!	#REF!	#REF!	409.48	-2737.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
337	-42.6367	239586.42	7511445.39	1817.89	7752849.69	2784.39	1	897.48
338	3.3633	624928.74	7071867.86	11.31	7696807.91	2774.31	2	2261.81
339	31.3633	449602.90	7239875.22	983.66	7690461.78	2773.17	1	764.60
340	-28.6367	167670.31	7495010.18	820.06	7663500.55	2768.30	1	837.99

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
341	238000201	2070	9697	85	1880.5243446	6940.701623	42.63670412	0.029585648
342	7183000070	2120	9680	49	1880.5243446	6940.701623	42.63670412	0.034500618
343	1760650290	1950	4197	2	1880.5243446	6940.701623	42.63670412	0.018473471
344	2877102670	1740	4200	94	1880.5243446	6940.701623	42.63670412	0.002287758

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
341	20140723T000000	440000	3	2.75	2	0	0	4	7	1330
342	20140821T000000	369160	4	2.25	2	0	2	4	8	2120
343	20150205T000000	313200	3	2.5	2	0	0	3	7	1950
344	20140707T000000	555000	3	1.5	1.5	0	0	4	7	1640

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
341	740	1929	0	98188	47.4327	-122.283	2000	14436	1
342	0	1965	0	98003	47.3367	-122.332	2360	9647	1
343	0	2013	0	98042	47.3613	-122.081	2300	4178	1
344	100	1920	0	98117	47.6782	-122.361	1660	3750	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
341	1	0	#REF!	#REF!	#REF!
342	0	1	#REF!	#REF!	#REF!
343	0	0	#REF!	#REF!	#REF!
344	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
341	#REF!	#REF!	#REF!	189.48	2756.30
342	#REF!	#REF!	#REF!	239.48	2739.30
343	#REF!	#REF!	#REF!	69.48	-2743.70
344	#REF!	#REF!	#REF!	-140.52	-2740.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
341	42.3633	35901.02	7597180.74	1794.65	7634876.42	2763.13	3	2005.17
342	6.3633	57348.59	7503755.60	40.49	7561144.68	2749.75	3	2019.67
343	-40.6367	4826.87	7527898.60	1651.34	7534376.80	2744.88	1	624.77
344	51.3633	19747.09	7511445.39	2638.19	7533830.67	2744.78	1	566.62

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
345	3782400190	1500	9656	25	1880.5243446	6940.701623	42.63670412	0.037418033
346	3750605349	1220	9600	57	1880.5243446	6940.701623	42.63670412	0.003463697
347	3904921120	2770	9532	26	1880.5243446	6940.701623	42.63670412	0.005837661
348	301401370	2475	4276	0	1880.5243446	6940.701623	42.63670412	0.038587314

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
345	20140812T000000	329500	3	2.25	1	0	0	3	7	1170
346	20150304T000000	210500	3	1	1	0	0	5	7	1220
347	20140715T000000	711000	4	2.5	2	0	0	4	9	2770
348	20140731T000000	319900	4	2.75	2	0	0	3	7	2475

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
345	330	1989	0	98019	47.7327	-121.982	1690	9656	0
346	0	1958	0	98001	47.2622	-122.282	1310	9600	0
347	0	1988	0	98029	47.5688	-122.012	2770	9219	1
348	0	2014	0	98002	47.345	-122.21	2475	4000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
345	1	0	#REF!	#REF!	#REF!
346	0	0	#REF!	#REF!	#REF!
347	0	1	#REF!	#REF!	#REF!
348	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
345	#REF!	#REF!	#REF!	-380.52	2715.30
346	#REF!	#REF!	#REF!	-660.52	2659.30
347	#REF!	#REF!	#REF!	889.48	2591.30
348	#REF!	#REF!	#REF!	594.48	-2664.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
345	-17.6367	144798.78	7372845.28	311.05	7517955.11	2741.89	3	2151.96
346	14.3633	436292.41	7071867.86	206.30	7508366.57	2740.14	2	2217.47
347	-16.6367	791166.94	6714827.28	276.78	7506271.00	2739.76	2	2206.69
348	-42.6367	353401.30	7100634.74	1817.89	7455853.93	2730.54	1	1026.84

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
349	8100400110	1820	9670	30	1880.5243446	6940.701623	42.63670412	0.036901052
350	7226000110	900	4397	96	1880.5243446	6940.701623	42.63670412	0.017539766
351	7569450480	1680	4226	12	1880.5243446	6940.701623	42.63670412	0.034112776
352	4312700200	1300	9600	39	1880.5243446	6940.701623	42.63670412	0.042846974

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
349	20140708T000000	557500	3	2.25	2	0	0	3	8	1820
350	20140726T000000	205000	2	1	1	0	0	3	6	900
351	20150317T000000	286000	3	2.5	2	0	0	3	8	1680
352	20140820T000000	195000	3	1	1	0	0	4	6	1300

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
349	0	1984	0	98052	47.6382	-122.11	2160	11424	1
350	0	1918	0	98055	47.4851	-122.205	1430	4500	0
351	0	2003	0	98042	47.3684	-122.123	1800	5559	1
352	0	1975	0	98092	47.3037	-122.107	1150	10222	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
349	0	1	#REF!	#REF!	#REF!
350	0	0	#REF!	#REF!	#REF!
351	0	1	#REF!	#REF!	#REF!
352	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
349	#REF!	#REF!	#REF!	-60.52	2729.30
350	#REF!	#REF!	#REF!	-980.52	-2543.70
351	#REF!	#REF!	#REF!	-200.52	-2714.70
352	#REF!	#REF!	#REF!	-580.52	2659.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
349	-12.6367	3663.20	7449069.63	159.69	7452892.51	2730.00	3	2059.95
350	53.3633	961427.99	6470417.95	2847.64	7434693.58	2726.66	1	1081.06
351	-30.6367	40210.01	7369604.90	938.61	7410753.52	2722.27	1	586.90
352	-3.6367	337008.51	7071867.86	13.23	7408889.60	2721.93	2	2193.50

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
353	34001160	3030	9374	55	1880.5243446	6940.701623	42.63670412	0.019778054
354	7010700936	2860	4442	14	1880.5243446	6940.701623	42.63670412	0.017892103
355	4019500160	2070	4270	5	1880.5243446	6940.701623	42.63670412	0.026087406
356	6791000280	1650	9600	37	1880.5243446	6940.701623	42.63670412	0.009732512

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
353	20140919T000000	590000	3	2	1	0	1	4	7	2100
354	20140613T000000	799000	3	2.5	2	0	0	3	8	2860
355	20150413T000000	493000	4	2.5	2	0	0	3	8	2070
356	20140714T000000	476000	3	1.75	1	0	0	4	7	1650

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
353	930	1959	0	98136	47.5289	-122.391	1990	6012	0
354	0	2000	0	98199	47.661	-122.396	1440	4400	1
355	0	2010	0	98028	47.773	-122.265	2070	4610	1
356	0	1977	0	98075	47.5779	-122.044	2040	12220	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
353	1	0	#REF!	#REF!	#REF!
354	0	1	#REF!	#REF!	#REF!
355	0	1	#REF!	#REF!	#REF!
356	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
353	#REF!	#REF!	#REF!	1149.48	2433.30
354	#REF!	#REF!	#REF!	979.48	-2498.70
355	#REF!	#REF!	#REF!	189.48	-2670.70
356	#REF!	#REF!	#REF!	-230.52	2659.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
353	12.3633	1321294.28	5920940.99	152.85	7242388.13	2691.17	2	2181.90
354	-28.6367	959372.56	6243509.80	820.06	7203702.42	2683.97	1	1435.33
355	-37.6367	35901.02	7132647.16	1416.52	7169964.70	2677.68	1	747.23
356	-5.6367	53141.47	7071867.86	31.77	7125041.10	2669.28	2	2121.38

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
357	1313000710	1920	9600	46	1880.5243446	6940.701623	42.63670412	0.011249729
358	8096600050	1850	9600	47	1880.5243446	6940.701623	42.63670412	0.034950556
359	9536601996	1010	9450	55	1880.5243446	6940.701623	42.63670412	0.018490138
360	6804600550	2570	9503	34	1880.5243446	6940.701623	42.63670412	0.010210716

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
357	20141003T000000	652000	3	2.25	1	0	0	4	8	1560
358	20150123T000000	510000	3	2	1	0	0	3	7	1850
359	20140610T000000	149500	3	1	1	0	0	4	7	1010
360	20140708T000000	439000	4	2.25	2	0	0	3	8	2570

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
357	360	1968	0	98052	47.6341	-122.103	2040	9600	0
358	0	1968	1998	98011	47.7671	-122.225	1770	9600	0
359	0	1959	0	98198	47.3592	-122.315	1240	9450	0
360	0	1980	0	98011	47.764	-122.167	1950	9600	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
357	1	1	#REF!	#REF!	#REF!
358	0	0	#REF!	#REF!	#REF!
359	0	0	#REF!	#REF!	#REF!
360	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
357	#REF!	#REF!	#REF!	39.48	2659.30
358	#REF!	#REF!	#REF!	-30.52	2659.30
359	#REF!	#REF!	#REF!	-870.52	2509.30
360	#REF!	#REF!	#REF!	689.48	2562.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
357	3.3633	1558.33	7071867.86	11.31	7073437.50	2659.59	2	2104.17
358	4.3633	931.74	7071867.86	19.04	7072818.63	2659.48	2	2105.33
359	12.3633	757812.63	6296578.34	152.85	7054543.83	2656.04	2	2155.53
360	-8.6367	475376.68	6565372.97	74.59	7040824.25	2653.46	2	2109.94

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
361	2770606685	1170	4400	63	1880.5243446	6940.701623	42.63670412	0.043610928
362	1278000210	828	4524	47	1880.5243446	6940.701623	42.63670412	0.03116271
363	3336001946	900	4500	64	1880.5243446	6940.701623	42.63670412	0.00302185
364	7203101970	1460	4350	6	1880.5243446	6940.701623	42.63670412	0.037713708

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
361	20140813T000000	470000	3	1	1	0	0	3	7	870
362	20150311T000000	110000	2	1	1	0	0	3	6	828
363	20150307T000000	263300	2	1	1	0	0	3	7	900
364	20140715T000000	362764	3	2	2	0	0	3	7	1460

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
361	300	1951	0	98199	47.6584	-122.391	1240	4400	0
362	0	1968	2007	98001	47.2655	-122.244	828	5402	0
363	0	1951	0	98118	47.5273	-122.265	1175	5320	0
364	0	2008	0	98053	47.696	-122.026	1740	4622	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
361	1	0	#REF!	#REF!	#REF!
362	0	0	#REF!	#REF!	#REF!
363	0	0	#REF!	#REF!	#REF!
364	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
361	#REF!	#REF!	#REF!	-710.52	-2540.70
362	#REF!	#REF!	#REF!	-1052.52	-2416.70
363	#REF!	#REF!	#REF!	-980.52	-2440.70
364	#REF!	#REF!	#REF!	-420.52	-2590.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
361	20.3633	504844.84	6455164.74	414.66	6960424.25	2638.26	1	909.92
362	4.3633	1107807.50	5840446.73	19.04	6948273.27	2635.96	1	1220.81
363	21.3633	961427.99	5957024.41	456.39	6918908.79	2630.38	1	1154.50
364	-36.6367	176840.72	6711734.90	1342.25	6889917.87	2624.87	1	741.32

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
365	475000605	3520	4895	60	1880.5243446	6940.701623	42.63670412	0.00488621
366	5470100090	1250	9484	45	1880.5243446	6940.701623	42.63670412	0.005402502
367	7225000090	1070	4500	82	1880.5243446	6940.701623	42.63670412	0.003907179
368	1773600264	3250	4800	5	1880.5243446	6940.701623	42.63670412	0.012764829

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
365	20140623T000000	800000	4	3	1	0	0	3	8	1980
366	20140905T000000	210000	3	1.5	1	0	0	4	7	1250
367	20141017T000000	245000	2	2	1	0	0	4	6	910
368	20150223T000000	705000	5	3.5	2	0	0	3	9	2410

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
365	1540	1954	0	98107	47.6678	-122.361	1570	2153	0
366	0	1969	0	98042	47.3675	-122.147	1320	9600	0
367	160	1932	0	98055	47.4896	-122.204	1280	4500	0
368	840	2010	0	98106	47.5618	-122.362	1330	4920	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
365	1	1	#REF!	#REF!	#REF!
366	0	0	#REF!	#REF!	#REF!
367	1	0	#REF!	#REF!	#REF!
368	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
365	#REF!	#REF!	#REF!	1639.48	-2045.70
366	#REF!	#REF!	#REF!	-630.52	2543.30
367	#REF!	#REF!	#REF!	-810.52	-2440.70
368	#REF!	#REF!	#REF!	1369.48	-2140.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
365	17.3633	2687880.42	4184895.13	301.48	6873077.04	2621.66	1	2235.58
366	2.3633	397560.95	6468366.63	5.59	6865933.17	2620.29	2	2097.90
367	39.3633	656949.71	5957024.41	1549.47	6615523.59	2572.07	1	1049.31
368	-37.6367	1875463.57	4582603.44	1416.52	6459483.53	2541.55	1	1960.48

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
369	259500230	2670	4534	7	1880.5243446	6940.701623	42.63670412	0.039083757
370	421000185	700	4700	61	1880.5243446	6940.701623	42.63670412	0.039955474
371	8827901415	1470	4480	97	1880.5243446	6940.701623	42.63670412	0.013559296
372	6844700810	1050	4590	65	1880.5243446	6940.701623	42.63670412	0.026314345

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
369	20141218T000000	465750	3	2.5	2	0	0	3	9	2670
370	20140611T000000	200000	2	1	1	0	0	5	5	700
371	20150507T000000	613000	3	1.5	1	0	0	4	7	1130
372	20140901T000000	438924	3	1.5	1	0	0	3	7	850

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
369	0	2007	0	98056	47.51	-122.184	3040	5079	1
370	0	1953	0	98056	47.4953	-122.169	960	5200	0
371	340	1918	0	98105	47.6693	-122.291	2120	4480	0
372	200	1949	0	98115	47.6943	-122.29	1770	5400	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
369	0	1	#REF!	#REF!	#REF!
370	0	0	#REF!	#REF!	#REF!
371	1	0	#REF!	#REF!	#REF!
372	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
369	#REF!	#REF!	#REF!	789.48	-2406.70
370	#REF!	#REF!	#REF!	-1180.52	-2240.70
371	#REF!	#REF!	#REF!	-410.52	-2460.70
372	#REF!	#REF!	#REF!	-830.52	-2350.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
369	-35.6367	623271.81	5792212.70	1269.97	6416754.49	2533.13	1	1341.85
370	18.3633	1393637.73	5020743.76	337.21	6414718.70	2532.73	1	1436.92
371	54.3633	168530.24	6055052.48	2955.37	6226538.08	2495.30	1	865.13
372	22.3633	689770.69	5525798.12	500.12	6216068.92	2493.20	1	1134.60

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
373	3185600040	1400	4500	92	1880.5243446	6940.701623	42.63670412	0.010761552
374	8133300050	1260	9346	51	1880.5243446	6940.701623	42.63670412	0.022612642
375	7852030330	2270	4488	15	1880.5243446	6940.701623	42.63670412	0.00551282
376	7922720040	2880	9202	38	1880.5243446	6940.701623	42.63670412	0.043477991

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
373	20141224T000000	310000	2	1	1	0	0	3	7	900
374	20140626T000000	200500	3	1.75	1	0	0	4	7	1260
375	20140903T000000	480000	3	2.5	2	0	0	3	7	2270
376	20150317T000000	680000	4	2.5	1	0	0	3	8	1780

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
373	500	1922	0	98055	47.4866	-122.219	1400	5500	0
374	0	1963	0	98030	47.3713	-122.186	1800	9705	0
375	0	1999	0	98065	47.5329	-121.879	2360	4427	1
376	1100	1977	0	98052	47.6658	-122.139	2500	10265	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
373	1	0	#REF!	#REF!	#REF!
374	0	0	#REF!	#REF!	#REF!
375	0	0	#REF!	#REF!	#REF!
376	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
373	#REF!	#REF!	#REF!	-480.52	-2440.70
374	#REF!	#REF!	#REF!	-620.52	2405.30
375	#REF!	#REF!	#REF!	389.48	-2452.70
376	#REF!	#REF!	#REF!	999.48	2261.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
373	49.3633	230903.65	5957024.41	2436.73	6190364.79	2488.04	1	902.68
374	8.3633	385050.46	5785460.28	69.94	6170580.69	2484.07	2	1964.25
375	-27.6367	151691.29	6015745.25	763.79	6168200.32	2483.59	1	1039.18
376	-4.6367	998951.59	5113470.35	21.50	6112443.43	2472.34	2	1957.91

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
377	3066200440	2370	9360	35	1880.5243446	6940.701623	42.63670412	0.013884399
378	8724300010	3420	5012	6	1880.5243446	6940.701623	42.63670412	0.010839175
379	9201000480	1840	9401	43	1880.5243446	6940.701623	42.63670412	0.020559755
380	5425700150	1580	9382	51	1880.5243446	6940.701623	42.63670412	0.000228072

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
377	20140608T000000	684680	4	2.25	2	0	0	4	8	2370
378	20140909T000000	548000	4	3.25	2	0	0	3	10	2330
379	20141112T000000	550000	3	1.75	1	0	0	3	8	1840
380	20140804T000000	787500	4	1.75	1	0	0	3	7	1080

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
377	0	1979	0	98052	47.6518	-122.123	2370	9720	1
378	1090	2008	0	98019	47.732	-121.982	2320	5465	1
379	0	1971	0	98075	47.5847	-122.075	2850	14323	0
380	500	1963	0	98039	47.6353	-122.232	2010	9382	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
377	0	1	#REF!	#REF!	#REF!
378	1	1	#REF!	#REF!	#REF!
379	0	1	#REF!	#REF!	#REF!
380	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
377	#REF!	#REF!	#REF!	489.48	2419.30
378	#REF!	#REF!	#REF!	1539.48	-1928.70
379	#REF!	#REF!	#REF!	-40.52	2460.30
380	#REF!	#REF!	#REF!	-300.52	2441.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
377	-7.6367	239586.42	5853004.64	58.32	6092649.37	2468.33	2	1917.83
378	-36.6367	2369985.29	3719889.95	1342.25	6091217.49	2468.04	1	2224.02
379	0.3633	1642.22	6053068.10	0.13	6054710.46	2460.63	2	1906.83
380	8.3633	90314.88	5959937.77	69.94	6050322.59	2459.74	2	1916.52

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
381	3878900270	2240	4508	89	1880.5243446	6940.701623	42.63670412	0.033805554
382	1115700040	2920	9163	38	1880.5243446	6940.701623	42.63670412	0.006888551
383	7923300285	2440	9320	58	1880.5243446	6940.701623	42.63670412	0.038209016
384	1448800010	1740	9370	22	1880.5243446	6940.701623	42.63670412	0.000456498

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
381	20150429T000000	466000	4	2	1	0	2	4	8	1340
382	20141201T000000	713500	5	2.75	1	0	0	4	8	1520
383	20150312T000000	650000	4	2.25	1	0	0	4	7	1880
384	20140901T000000	289950	3	2.25	1	0	0	3	7	1390

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
381	900	1926	0	98178	47.5096	-122.25	1930	5250	0
382	1400	1976	0	98006	47.5668	-122.169	2250	9163	0
383	560	1957	0	98007	47.5933	-122.135	1530	9335	0
384	350	1992	0	98198	47.391	-122.316	1740	7555	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
381	1	1	#REF!	#REF!	#REF!
382	1	1	#REF!	#REF!	#REF!
383	1	0	#REF!	#REF!	#REF!
384	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
381	#REF!	#REF!	#REF!	359.48	-2432.70
382	#REF!	#REF!	#REF!	1039.48	2222.30
383	#REF!	#REF!	#REF!	559.48	2379.30
384	#REF!	#REF!	#REF!	-140.52	2429.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
381	46.3633	129222.75	5918037.19	2149.56	6049409.49	2459.55	1	1039.42
382	-4.6367	1080509.64	4938610.08	21.50	6019141.21	2453.39	2	1944.30
383	15.3633	313013.01	5661060.77	236.03	5974309.81	2444.24	2	1897.01
384	-20.6367	19747.09	5901490.60	425.87	5921663.57	2433.45	2	1882.87

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
385	3814900210	3361	5038	0	1880.5243446	6940.701623	42.63670412	0.026747735
386	8563020380	1820	9350	47	1880.5243446	6940.701623	42.63670412	0.000884225
387	1474000050	1310	9282	38	1880.5243446	6940.701623	42.63670412	0.041607357
388	9269260100	2680	4673	15	1880.5243446	6940.701623	42.63670412	0.020629539

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
385	20140829T000000	471275	4	2.5	2	0	0	3	9	3361
386	20140520T000000	519900	4	2	1	0	0	4	8	1820
387	20140508T000000	437000	3	1.75	1	0	0	4	7	1310
388	20141216T000000	475000	4	2.25	2	0	0	3	7	2680

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
385	0	2014	0	98092	47.3269	-122.165	2316	4105	1
386	0	1967	0	98052	47.6288	-122.098	2260	9299	0
387	0	1976	0	98052	47.6844	-122.111	1310	8748	0
388	0	1999	0	98011	47.7539	-122.219	2460	4645	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
385	0	1	#REF!	#REF!	#REF!
386	0	1	#REF!	#REF!	#REF!
387	0	0	#REF!	#REF!	#REF!
388	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
385	#REF!	#REF!	#REF!	1480.48	-1902.70
386	#REF!	#REF!	#REF!	-60.52	2409.30
387	#REF!	#REF!	#REF!	-570.52	2341.30
388	#REF!	#REF!	#REF!	799.48	-2267.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
385	-42.6367	2191808.17	3620273.47	1817.89	5813899.52	2411.20	1	2194.48
386	4.3633	3663.20	5804718.67	19.04	5808400.90	2410.06	2	1856.85
387	-4.6367	325498.03	5481678.09	21.50	5807197.62	2409.81	2	1887.34
388	-27.6367	639161.32	5142470.65	763.79	5782395.76	2404.66	1	1444.98

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
389	6150200330	1150	4681	59	1880.5243446	6940.701623	42.63670412	0.023359597
390	7697800170	1800	9314	36	1880.5243446	6940.701623	42.63670412	0.021172903
391	3544400236	1290	4650	108	1880.5243446	6940.701623	42.63670412	0.034223178
392	1424100100	1330	9200	41	1880.5243446	6940.701623	42.63670412	0.035932706

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
389	20140825T000000	358000	3	1	1	0	0	3	7	1150
390	20150428T000000	270000	3	1.75	2	0	0	3	8	1800
391	20140707T000000	494000	2	1	1	0	0	4	7	1290
392	20140610T000000	183000	3	1.75	1	0	0	4	7	1330

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
389	0	1955	0	98133	47.7284	-122.336	1150	6800	0
390	0	1979	0	98011	47.7762	-122.198	2100	9658	1
391	0	1906	0	98115	47.6877	-122.325	1640	3900	0
392	0	1973	0	98092	47.2916	-122.185	1590	9200	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
389	0	0	#REF!	#REF!	#REF!
390	0	1	#REF!	#REF!	#REF!
391	0	0	#REF!	#REF!	#REF!
392	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
389	#REF!	#REF!	#REF!	-730.52	-2259.70
390	#REF!	#REF!	#REF!	-80.52	2373.30
391	#REF!	#REF!	#REF!	-590.52	-2290.70
392	#REF!	#REF!	#REF!	-550.52	2259.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
389	16.3633	533665.82	5106251.42	267.76	5640185.00	2374.91	1	1163.73
390	-6.6367	6484.17	5632545.19	44.05	5639073.40	2374.67	2	1822.11
391	65.3633	348719.00	5247313.93	4272.36	5600305.29	2366.50	1	1081.04
392	-1.6367	303077.05	5104429.16	2.68	5407508.89	2325.41	2	1803.28

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
393	1795900120	2250	9235	29	1880.5243446	6940.701623	42.63670412	0.020876152
394	1085623560	2930	4875	1	1880.5243446	6940.701623	42.63670412	0.001127354
395	225039145	1210	4731	113	1880.5243446	6940.701623	42.63670412	0.034659226
396	8682280170	3360	8708	9	1880.5243446	6940.701623	42.63670412	0.018708096

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
393	20141029T000000	549000	3	2.5	2	0	0	3	8	2250
394	20150202T000000	442515	4	2.5	2	0	0	3	9	2930
395	20140619T000000	285000	3	1	1.5	0	0	3	7	1210
396	20150330T000000	850000	3	2.5	2	0	0	3	9	3360

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
393	0	1985	0	98052	47.7268	-122.105	2290	8187	1
394	0	2014	0	98030	47.3421	-122.179	2815	4900	1
395	0	1901	0	98117	47.6865	-122.397	1450	5264	1
396	0	2006	0	98053	47.7037	-122.016	1810	4764	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
393	0	1	#REF!	#REF!	#REF!
394	0	1	#REF!	#REF!	#REF!
395	0	0	#REF!	#REF!	#REF!
396	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
393	#REF!	#REF!	#REF!	369.48	2294.30
394	#REF!	#REF!	#REF!	1049.48	-2065.70
395	#REF!	#REF!	#REF!	-670.52	-2209.70
396	#REF!	#REF!	#REF!	1479.48	1767.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
393	-13.6367	136512.26	5263805.04	185.96	5400503.26	2323.90	2	1770.33
394	-41.6367	1101399.15	4267123.20	1733.62	5370255.96	2317.38	1	1764.82
395	70.3633	449602.90	4882781.26	4950.99	5337335.15	2310.27	1	1186.04
396	-33.6367	2188848.22	3123343.55	1131.43	5313323.20	2305.06	2	1882.89

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
397	2021000180	3120	5001	10	1880.5243446	6940.701623	42.63670412	0.006433668
398	9117000170	1810	9240	54	1880.5243446	6940.701623	42.63670412	0.041093737
399	255400060	3750	8279	13	1880.5243446	6940.701623	42.63670412	0.015153839
400	9543000896	1800	9216	64	1880.5243446	6940.701623	42.63670412	0.00310555

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
397	20150310T000000	380000	4	2.5	2	0	0	3	9	3120
398	20150505T000000	268643	4	2.25	2	0	0	3	7	1810
399	20141208T000000	910000	5	2.75	2	0	0	3	9	3750
400	20140825T000000	237000	3	1.5	1	0	0	4	7	1800

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
397	0	2005	0	98023	47.2779	-122.349	3120	5244	1
398	0	1961	0	98055	47.4362	-122.187	1660	9240	1
399	0	2001	0	98074	47.6039	-122.06	3450	8279	1
400	0	1950	0	98001	47.2739	-122.249	1400	10022	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
397	0	1	#REF!	#REF!	#REF!
398	0	0	#REF!	#REF!	#REF!
399	0	1	#REF!	#REF!	#REF!
400	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
397	#REF!	#REF!	#REF!	1239.48	-1939.70
398	#REF!	#REF!	#REF!	-70.52	2299.30
399	#REF!	#REF!	#REF!	1869.48	1338.30
400	#REF!	#REF!	#REF!	-80.52	2275.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
397	-32.6367	1536299.90	3762442.39	1065.15	5299807.44	2302.13	1	1988.95
398	11.3633	4973.68	5286773.03	129.12	5291875.83	2300.41	2	1747.65
399	-29.6367	3494939.23	1791042.55	878.33	5286860.11	2299.32	2	1991.14
400	21.3633	6484.17	5176982.70	456.39	5183923.26	2276.82	2	1724.45

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
401	8562750060	4140	6770	11	1880.5243446	6940.701623	42.63670412	0.03592438
402	7011201550	2600	4800	61	1880.5243446	6940.701623	42.63670412	0.035101973
403	9578060470	2310	4729	3	1880.5243446	6940.701623	42.63670412	0.038542663
404	538000450	2090	4698	16	1880.5243446	6940.701623	42.63670412	0.017181057

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
401	20150420T000000	825000	5	3.5	2	0	0	3	9	3030
402	20140707T000000	780000	4	2	1	0	2	3	8	1400
403	20140508T000000	494000	3	2.5	2	0	0	3	8	2310
404	20140603T000000	315000	5	2.5	2	0	0	3	7	2090

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
401	1110	2004	0	98027	47.5381	-122.069	3960	5431	1
402	1200	1953	0	98119	47.637	-122.371	2050	3505	0
403	0	2011	0	98028	47.7734	-122.237	2440	4711	1
404	0	1998	0	98038	47.3538	-122.025	2070	4698	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
401	1	1	#REF!	#REF!	#REF!
402	1	1	#REF!	#REF!	#REF!
403	0	1	#REF!	#REF!	#REF!
404	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
401	#REF!	#REF!	#REF!	2259.48	-170.70
402	#REF!	#REF!	#REF!	719.48	-2140.70
403	#REF!	#REF!	#REF!	429.48	-2211.70
404	#REF!	#REF!	#REF!	209.48	-2242.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
401	-31.6367	5105230.24	29139.04	1000.88	5135370.16	2266.14	2	2336.25
402	18.3633	517645.22	4582603.44	337.21	5100585.87	2258.45	1	1486.88
403	-39.6367	184449.34	4891624.07	1571.07	5077644.48	2253.36	1	1263.77
404	-26.6367	43880.05	5029710.57	709.51	5074300.13	2252.62	1	1138.63

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
405	6383000820	2290	9142	42	1880.5243446	6940.701623	42.63670412	0.013375919
406	7211401485	780	5000	71	1880.5243446	6940.701623	42.63670412	0.040656708
407	3630160610	2980	5000	8	1880.5243446	6940.701623	42.63670412	0.029137421
408	3905090410	3120	8792	23	1880.5243446	6940.701623	42.63670412	0.012556906

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
405	20140807T000000	685900	3	2.5	1	0	0	3	8	2290
406	20140606T000000	285000	2	1	1	0	0	4	6	780
407	20140716T000000	765000	4	2.5	2	0	0	3	10	2980
408	20150123T000000	760000	4	2.5	2	0	0	4	9	3120

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
405	0	1972	0	98117	47.691	-122.387	1770	8035	0
406	0	1943	0	98146	47.5112	-122.357	1030	5000	0
407	0	2006	0	98027	47.5431	-121.997	3140	5500	1
408	0	1992	0	98029	47.5699	-121.993	2150	7688	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
405	0	1	#REF!	#REF!	#REF!
406	0	0	#REF!	#REF!	#REF!
407	0	1	#REF!	#REF!	#REF!
408	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
405	#REF!	#REF!	#REF!	409.48	2201.30
406	#REF!	#REF!	#REF!	-1100.52	-1940.70
407	#REF!	#REF!	#REF!	1099.48	-1940.70
408	#REF!	#REF!	#REF!	1239.48	1851.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
405	-0.6367	167670.31	4845714.54	0.41	5013385.26	2239.06	2	1687.33
406	28.3633	1211153.83	3766322.79	804.48	4978281.10	2231.21	1	1625.55
407	-34.6367	1208846.72	3766322.79	1199.70	4976369.21	2230.78	1	1888.63
408	-19.6367	1536299.90	3427305.68	385.60	4963991.18	2228.00	2	1766.76

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
409	486000085	2970	5000	13	1880.5243446	6940.701623	42.63670412	0.032841457
410	424049043	4050	6504	18	1880.5243446	6940.701623	42.63670412	0.020270455
411	6071200455	1830	9152	55	1880.5243446	6940.701623	42.63670412	0.030658
412	6371500040	1350	4800	87	1880.5243446	6940.701623	42.63670412	0.025322539

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
409	20140815T000000	866800	4	3.5	2	0	2	3	9	2200
410	20140811T000000	450000	9	7.5	2	0	0	3	7	4050
411	20140523T000000	550000	3	2	1	0	0	5	8	1830
412	20150316T000000	585000	3	1	1.5	0	0	3	7	1350

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
409	770	2001	0	98117	47.6772	-122.399	1470	4560	1
410	0	1996	0	98144	47.5923	-122.301	1448	3866	1
411	0	1959	0	98006	47.5531	-122.181	1770	9220	0
412	0	1928	0	98116	47.5749	-122.412	1360	4800	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
409	1	1	#REF!	#REF!	#REF!
410	0	0	#REF!	#REF!	#REF!
411	0	1	#REF!	#REF!	#REF!
412	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
409	#REF!	#REF!	#REF!	1089.48	-1940.70
410	#REF!	#REF!	#REF!	2169.48	-436.70
411	#REF!	#REF!	#REF!	-50.52	2211.30
412	#REF!	#REF!	#REF!	-530.52	-2140.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
409	-29.6367	1186957.20	3766322.79	878.33	4954158.33	2225.79	1	1881.62
410	-24.6367	4706624.62	190708.31	606.97	4897939.89	2213.13	2	2350.10
411	12.3633	2552.71	4889840.51	152.85	4892546.07	2211.91	2	1658.64
412	44.3633	281456.08	4582603.44	1968.10	4866027.62	2205.91	1	1204.10

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
413	7852030320	2620	4874	16	1880.5243446	6940.701623	42.63670412	0.005476573
414	7131300025	1240	4842	98	1880.5243446	6940.701623	42.63670412	0.016643627
415	7625701891	1400	4800	97	1880.5243446	6940.701623	42.63670412	0.043442777
416	8651411420	1140	4875	45	1880.5243446	6940.701623	42.63670412	0.044141341

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
413	20150217T000000	470000	3	2.5	2	0	0	3	7	2620
414	20140521T000000	210000	3	1	1	0	0	4	6	1240
415	20140806T000000	435000	3	1	1	0	0	4	6	700
416	20150305T000000	218000	3	1.5	1	0	0	5	6	1140

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
413	0	1999	0	98065	47.5328	-121.879	2360	4231	1
414	0	1916	0	98118	47.5166	-122.269	1540	5110	0
415	700	1917	0	98136	47.5499	-122.391	1470	6000	0
416	0	1970	0	98042	47.3684	-122.08	980	5070	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
413	0	0	#REF!	#REF!	#REF!
414	0	0	#REF!	#REF!	#REF!
415	1	0	#REF!	#REF!	#REF!
416	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
413	#REF!	#REF!	#REF!	739.48	-2066.70
414	#REF!	#REF!	#REF!	-640.52	-2098.70
415	#REF!	#REF!	#REF!	-480.52	-2140.70
416	#REF!	#REF!	#REF!	-740.52	-2065.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
413	-26.6367	546824.24	4271255.60	709.51	4818789.36	2195.17	1	1557.56
414	55.3633	410271.44	4404548.50	3065.09	4817885.03	2194.97	1	1277.75
415	54.3633	230903.65	4582603.44	2955.37	4816462.45	2194.64	1	1192.20
416	2.3633	548376.30	4267123.20	5.59	4815505.09	2194.43	1	1343.90

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
417	6084600420	2190	9113	28	1880.5243446	6940.701623	42.63670412	0.01470523
418	7853380570	3340	5314	5	1880.5243446	6940.701623	42.63670412	0.031611917
419	7972600910	1840	4760	86	1880.5243446	6940.701623	42.63670412	0.040262431
420	9523102420	920	5000	108	1880.5243446	6940.701623	42.63670412	0.02800452

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
417	20140905T000000	245000	4	2.25	2	0	0	3	7	2190
418	20150511T000000	701000	4	2.5	2	0	0	3	10	3340
419	20150507T000000	433000	4	2	1.5	0	0	4	6	1080
420	20140922T000000	535000	1	1	1	0	3	4	7	920

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
417	0	1986	0	98001	47.3241	-122.275	1570	8306	1
418	0	2010	0	98065	47.5167	-121.885	3220	5500	1
419	760	1929	0	98106	47.5297	-122.349	1170	5950	1
420	0	1906	0	98103	47.6748	-122.352	1890	5000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
417	0	0	#REF!	#REF!	#REF!
418	0	1	#REF!	#REF!	#REF!
419	1	0	#REF!	#REF!	#REF!
420	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
417	#REF!	#REF!	#REF!	309.48	2172.30
418	#REF!	#REF!	#REF!	1459.48	-1626.70
419	#REF!	#REF!	#REF!	-40.52	-2180.70
420	#REF!	#REF!	#REF!	-960.52	-1940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
417	-14.6367	95775.18	4718880.24	214.23	4814869.65	2194.28	2	1639.69
418	-37.6367	2130069.19	2646158.17	1416.52	4777643.88	2185.78	1	2364.87
419	43.3633	1642.22	4755459.57	1880.38	4758982.17	2181.51	1	1133.62
420	65.3633	922607.02	3766322.79	4272.36	4693202.17	2166.38	1	1554.42

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
421	8825900465	1960	4788	94	1880.5243446	6940.701623	42.63670412	0.035092212
422	2919702235	2080	4800	91	1880.5243446	6940.701623	42.63670412	0.043857871
423	7299600920	2009	4800	2	1880.5243446	6940.701623	42.63670412	0.008534411
424	2883200966	1940	4800	110	1880.5243446	6940.701623	42.63670412	0.004905062

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
421	20140507T000000	599000	3	1.75	1	0	0	4	7	1090
422	20140528T000000	740000	2	1.75	1	0	0	5	7	1080
423	20141209T000000	279000	4	2.5	2	0	0	3	8	2009
424	20150318T000000	780000	5	1.5	2	0	0	3	8	1940

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
421	870	1920	0	98115	47.6746	-122.312	1960	3960	0
422	1000	1923	0	98117	47.6896	-122.362	1310	4800	0
423	0	2012	0	98092	47.2586	-122.2	1798	4800	1
424	0	1905	0	98103	47.6845	-122.332	1750	4800	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
421	1	0	#REF!	#REF!	#REF!
422	1	0	#REF!	#REF!	#REF!
423	0	1	#REF!	#REF!	#REF!
424	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
421	#REF!	#REF!	#REF!	79.48	-2152.70
422	#REF!	#REF!	#REF!	199.48	-2140.70
423	#REF!	#REF!	#REF!	128.48	-2140.70
424	#REF!	#REF!	#REF!	59.48	-2140.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
421	51.3633	6316.38	4634124.28	2638.19	4643078.85	2154.78	1	1185.13
422	48.3633	39790.54	4582603.44	2339.01	4624732.98	2150.52	1	1231.24
423	-40.6367	16505.99	4582603.44	1651.34	4600760.77	2144.94	1	1209.21
424	67.3633	3537.35	4582603.44	4537.81	4590678.61	2142.59	1	1192.86

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
425	2822100175	1430	4850	36	1880.5243446	6940.701623	42.63670412	0.008964131
426	7844200120	3020	8750	55	1880.5243446	6940.701623	42.63670412	0.002859272
427	2644300005	1900	9075	27	1880.5243446	6940.701623	42.63670412	0.031617969
428	1895000045	820	5100	62	1880.5243446	6940.701623	42.63670412	0.015577522

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
425	20140827T000000	284000	3	1.75	1	0	0	3	7	930
426	20150413T000000	340000	4	2.5	1	0	0	3	8	1710
427	20150412T000000	407500	4	2.5	2	0	0	3	7	1900
428	20150504T000000	195000	2	1	1	0	0	3	6	820

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
425	500	1978	0	98108	47.5472	-122.303	1430	4850	0
426	1310	1960	0	98188	47.4298	-122.29	1900	8750	0
427	0	1988	0	98133	47.7776	-122.352	1800	8460	1
428	0	1953	0	98118	47.5156	-122.262	1170	5304	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
425	1	0	#REF!	#REF!	#REF!
426	1	1	#REF!	#REF!	#REF!
427	0	0	#REF!	#REF!	#REF!
428	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
425	#REF!	#REF!	#REF!	-450.52	-2090.70
426	#REF!	#REF!	#REF!	1139.48	1809.30
427	#REF!	#REF!	#REF!	19.48	2134.30
428	#REF!	#REF!	#REF!	-1060.52	-1840.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
425	-6.6367	202972.19	4371033.28	44.05	4574049.51	2138.70	1	1233.57
426	12.3633	1298404.77	3273560.62	152.85	4572118.24	2138.25	2	1668.53
427	-15.6367	379.30	4555229.56	244.51	4555853.37	2134.44	2	1579.37
428	19.3633	1124711.89	3388182.46	374.94	4513269.29	2124.45	1	1689.49

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
429	6751300375	1520	9030	58	1880.5243446	6940.701623	42.63670412	0.034678127
430	9266700845	830	5100	74	1880.5243446	6940.701623	42.63670412	0.004432938
431	2621600015	1150	8924	72	1880.5243446	6940.701623	42.63670412	0.023416654
432	9297800165	2020	4840	89	1880.5243446	6940.701623	42.63670412	0.025749557

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
429	20140702T000000	415000	3	1	1	0	0	3	7	1520
430	20150429T000000	325000	2	1	1	0	0	3	6	830
431	20150430T000000	175000	3	1	1	0	0	3	6	1150
432	20141211T000000	430000	4	2.25	1.5	0	0	5	8	1200

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
429	0	1956	0	98007	47.587	-122.134	1470	8712	0
430	0	1941	0	98103	47.6932	-122.346	1050	5100	0
431	0	1943	0	98030	47.3865	-122.217	1492	8924	0
432	820	1925	0	98126	47.5576	-122.376	1410	4840	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
429	0	0	#REF!	#REF!	#REF!
430	0	0	#REF!	#REF!	#REF!
431	0	0	#REF!	#REF!	#REF!
432	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
429	#REF!	#REF!	#REF!	-360.52	2089.30
430	#REF!	#REF!	#REF!	-1050.52	-1840.70
431	#REF!	#REF!	#REF!	-730.52	1983.30
432	#REF!	#REF!	#REF!	139.48	-2100.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
429	15.3633	129977.80	4365167.71	236.03	4495381.54	2120.23	2	1585.43
430	31.3633	1103601.40	3388182.46	983.66	4492767.52	2119.61	1	1684.66
431	29.3633	533665.82	3933472.45	862.20	4468000.47	2113.76	2	1622.59
432	46.3633	19453.46	4412947.31	2149.56	4434550.32	2105.84	1	1250.82

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
433	9406570290	2340	8990	11	1880.5243446	6940.701623	42.63670412	0.031333226
434	4303200555	770	5160	71	1880.5243446	6940.701623	42.63670412	0.014802272
435	3448740360	2190	4866	6	1880.5243446	6940.701623	42.63670412	0.002589325
436	3331500121	790	5150	67	1880.5243446	6940.701623	42.63670412	0.025134698

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
433	20140516T000000	314000	4	2.5	2	0	0	3	8	2340
434	20140815T000000	265000	2	1	1	0	0	3	6	770
435	20150429T000000	418500	4	2.5	2	0	0	3	7	2190
436	20150210T000000	342888	2	1	1	0	0	4	6	790

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
433	0	2003	0	98038	47.3781	-122.03	2980	6718	1
434	0	1943	0	98106	47.5304	-122.356	920	5160	0
435	0	2009	0	98059	47.4907	-122.152	2190	5670	1
436	0	1948	0	98118	47.5528	-122.272	1460	5150	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
433	0	1	#REF!	#REF!	#REF!
434	0	0	#REF!	#REF!	#REF!
435	0	0	#REF!	#REF!	#REF!
436	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
433	#REF!	#REF!	#REF!	459.48	2049.30
434	#REF!	#REF!	#REF!	-1110.52	-1780.70
435	#REF!	#REF!	#REF!	309.48	-2074.70
436	#REF!	#REF!	#REF!	-1090.52	-1790.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
433	-31.6367	211117.88	4199623.84	1000.88	4411742.60	2100.41	2	1552.51
434	28.3633	1233264.32	3170898.27	804.48	4404967.07	2098.80	1	1766.66
435	-36.6367	95775.18	4304386.82	1342.25	4401504.25	2097.98	1	1332.23
436	24.3633	1189243.35	3206612.30	593.57	4396449.22	2096.77	1	1747.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
437	1062100100	2100	4857	49	1880.5243446	6940.701623	42.63670412	0.018057158
438	5651010300	1650	4859	26	1880.5243446	6940.701623	42.63670412	0.03136531
439	8651442060	1570	4875	37	1880.5243446	6940.701623	42.63670412	0.027234863
440	1324300398	1110	5000	68	1880.5243446	6940.701623	42.63670412	0.03051697

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
437	20140626T000000	424000	4	2	2	0	0	3	8	2100
438	20140821T000000	370000	3	2.25	2	0	0	3	7	1650
439	20140611T000000	214950	3	1.75	1	0	0	4	7	1310
440	20150409T000000	560000	3	1	1.5	0	0	3	7	1110

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
437	0	1965	1984	98155	47.7521	-122.279	1450	5965	1
438	0	1988	0	98011	47.7729	-122.172	1890	5018	1
439	260	1977	0	98042	47.3621	-122.094	1380	5200	0
440	0	1947	0	98107	47.655	-122.359	1420	5000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
437	0	1	#REF!	#REF!	#REF!
438	0	0	#REF!	#REF!	#REF!
439	1	0	#REF!	#REF!	#REF!
440	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
437	#REF!	#REF!	#REF!	219.48	-2083.70
438	#REF!	#REF!	#REF!	-230.52	-2081.70
439	#REF!	#REF!	#REF!	-310.52	-2065.70
440	#REF!	#REF!	#REF!	-770.52	-1940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
437	6.3633	48169.56	4341812.45	40.49	4390022.51	2095.24	1	1290.73
438	-16.6367	53141.47	4333481.65	276.78	4386899.90	2094.49	1	1219.27
439	-5.6367	96425.37	4267123.20	31.77	4363580.34	2088.92	1	1239.04
440	25.3633	593707.77	3766322.79	643.30	4360673.85	2088.22	1	1470.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
441	6204420290	2410	8960	36	1880.5243446	6940.701623	42.63670412	0.041855953
442	3052700245	2640	5000	66	1880.5243446	6940.701623	42.63670412	0.008049138
443	8691390280	3080	5250	11	1880.5243446	6940.701623	42.63670412	0.013374981
444	9269200150	1440	4920	91	1880.5243446	6940.701623	42.63670412	0.025324411

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
441	20141203T000000	560000	5	2.5	1	0	0	5	7	1600
442	20150325T000000	750000	4	2	2	0	0	3	7	2040
443	20140731T000000	775000	4	3.5	2	0	0	3	9	3080
444	20140715T000000	390000	1	1.75	1	0	0	3	7	720

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
441	810	1978	0	98011	47.7372	-122.2	2410	11514	0
442	600	1949	0	98117	47.678	-122.375	1330	5000	1
443	0	2003	0	98075	47.5992	-121.972	2980	5509	1
444	720	1923	0	98126	47.534	-122.376	1440	4920	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
441	1	0	#REF!	#REF!	#REF!
442	1	0	#REF!	#REF!	#REF!
443	0	1	#REF!	#REF!	#REF!
444	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
441	#REF!	#REF!	#REF!	529.48	2019.30
442	#REF!	#REF!	#REF!	759.48	-1940.70
443	#REF!	#REF!	#REF!	1199.48	-1690.70
444	#REF!	#REF!	#REF!	-440.52	-2020.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
441	-6.6367	280344.47	4077565.94	44.05	4357954.45	2087.57	2	1544.13
442	23.3633	576803.27	3766322.79	545.84	4343671.90	2084.15	1	1670.63
443	-31.6367	1438741.85	2858471.98	1000.88	4298214.71	2073.21	1	2140.38
444	48.3633	194061.70	4083235.05	2339.01	4279635.76	2068.73	1	1301.36

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
445	8851500050	1840	9009	50	1880.5243446	6940.701623	42.63670412	0.038123816
446	9238900850	1760	4880	86	1880.5243446	6940.701623	42.63670412	0.006465575
447	8121200530	1710	8998	32	1880.5243446	6940.701623	42.63670412	0.03627445
448	7224500010	1220	5000	93	1880.5243446	6940.701623	42.63670412	0.002831972

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
445	20150112T000000	262000	4	1.5	2	0	0	3	7	1840
446	20140919T000000	688000	3	1.5	1.5	0	3	3	8	1290
447	20141008T000000	479000	3	2.5	2	0	0	3	8	1710
448	20140603T000000	253000	2	1.75	1	0	0	5	7	860

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
445	0	1965	0	98198	47.406	-122.318	1390	8025	1
446	470	1928	0	98136	47.5334	-122.388	1840	4998	1
447	0	1982	0	98052	47.7236	-122.11	1710	9859	1
448	360	1921	0	98055	47.4906	-122.204	1120	5000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
445	0	0	#REF!	#REF!	#REF!
446	1	1	#REF!	#REF!	#REF!
447	0	1	#REF!	#REF!	#REF!
448	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
445	#REF!	#REF!	#REF!	-40.52	2068.30
446	#REF!	#REF!	#REF!	-120.52	-2060.70
447	#REF!	#REF!	#REF!	-170.52	2057.30
448	#REF!	#REF!	#REF!	-660.52	-1940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
445	7.3633	1642.22	4277858.18	54.22	4279554.62	2068.71	2	1515.28
446	43.3633	14526.12	4246491.18	1880.38	4262897.67	2064.68	1	1243.98
447	-10.6367	29078.55	4232476.61	113.14	4261668.30	2064.38	2	1516.76
448	50.3633	436292.41	3766322.79	2536.46	4205151.66	2050.65	1	1433.36

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
449	6678900140	2210	8955	41	1880.5243446	6940.701623	42.63670412	0.035658616
450	4302200535	900	5160	62	1880.5243446	6940.701623	42.63670412	0.035871531
451	5363200266	1200	5029	77	1880.5243446	6940.701623	42.63670412	0.029926057
452	7300700050	1300	8879	65	1880.5243446	6940.701623	42.63670412	0.014586425

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
449	20150319T000000	685000	3	1.75	1	0	1	3	8	1560
450	20140506T000000	219000	2	1	1	0	0	3	6	900
451	20140623T000000	420000	3	2	1	0	0	3	6	880
452	20150219T000000	325000	3	1	1	0	0	3	7	920

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
449	650	1974	0	98033	47.6621	-122.189	2210	8976	0
450	0	1952	0	98106	47.525	-122.356	900	5160	0
451	320	1937	0	98115	47.6936	-122.294	1510	5854	0
452	380	1950	0	98155	47.7465	-122.326	1530	6960	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
449	1	1	#REF!	#REF!	#REF!
450	0	0	#REF!	#REF!	#REF!
451	1	0	#REF!	#REF!	#REF!
452	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
449	#REF!	#REF!	#REF!	329.48	2014.30
450	#REF!	#REF!	#REF!	-980.52	-1780.70
451	#REF!	#REF!	#REF!	-680.52	-1911.70
452	#REF!	#REF!	#REF!	-580.52	1938.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
449	-1.6367	108554.21	4057397.95	2.68	4165954.84	2041.07	2	1487.79
450	19.3633	961427.99	3170898.27	374.94	4132701.20	2032.90	1	1703.99
451	34.3633	463113.38	3654603.10	1180.84	4118897.31	2029.51	1	1466.73
452	22.3633	337008.51	3757000.60	500.12	4094509.23	2023.49	2	1515.77

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
453	6699940140	2470	5015	10	1880.5243446	6940.701623	42.63670412	0.042140105
454	7923300115	1710	8947	58	1880.5243446	6940.701623	42.63670412	0.010874394
455	7518507685	1100	5100	115	1880.5243446	6940.701623	42.63670412	0.028427657
456	5379804393	1960	8937	61	1880.5243446	6940.701623	42.63670412	0.037194795

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
453	20140908T000000	352000	4	2.5	2	0	0	3	8	2470
454	20141201T000000	571900	4	1.75	1	0	0	4	7	1710
455	20150223T000000	400000	3	1	2	0	0	4	7	1100
456	20150217T000000	325000	4	2.75	1	0	0	5	7	980

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
453	0	2004	0	98038	47.3457	-122.041	2470	5100	1
454	0	1956	0	98007	47.5947	-122.135	1360	10133	0
455	0	1900	0	98117	47.679	-122.386	1540	5100	1
456	980	1954	0	98188	47.451	-122.278	1480	10016	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
453	0	1	#REF!	#REF!	#REF!
454	0	0	#REF!	#REF!	#REF!
455	0	0	#REF!	#REF!	#REF!
456	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
453	#REF!	#REF!	#REF!	589.48	-1925.70
454	#REF!	#REF!	#REF!	-170.52	2006.30
455	#REF!	#REF!	#REF!	-780.52	-1840.70
456	#REF!	#REF!	#REF!	79.48	1996.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
453	-32.6367	347481.55	3708326.74	1065.15	4056873.44	2014.17	1	1591.13
454	15.3633	29078.55	4025233.18	236.03	4054547.76	2013.59	2	1466.31
455	72.3633	609218.25	3388182.46	5236.45	4002637.16	2000.66	1	1568.94
456	18.3633	6316.38	3985207.21	337.21	3991860.80	1997.96	2	1441.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
457	7550800015	1410	5000	91	1880.5243446	6940.701623	42.63670412	0.019759364
458	9368700270	1160	5082	73	1880.5243446	6940.701623	42.63670412	0.022786347
459	3630120880	3310	5558	10	1880.5243446	6940.701623	42.63670412	0.041444846
460	5104650020	2530	8820	18	1880.5243446	6940.701623	42.63670412	0.037557139

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
457	20140714T000000	550000	3	1.75	1	0	0	4	7	810
458	20150401T000000	137900	3	1.75	1	0	0	3	6	580
459	20150227T000000	780000	3	3.5	2	0	0	3	9	3310
460	20150505T000000	429000	3	2.5	2	0	0	3	8	2530

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
457	600	1923	0	98107	47.6727	-122.395	1760	5000	0
458	580	1942	0	98178	47.503	-122.262	1730	6000	0
459	0	2005	0	98029	47.5553	-122.003	3310	5270	1
460	0	1997	0	98031	47.42	-122.205	2340	9472	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
457	1	0	#REF!	#REF!	#REF!
458	1	0	#REF!	#REF!	#REF!
459	0	1	#REF!	#REF!	#REF!
460	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
457	#REF!	#REF!	#REF!	-470.52	-1940.70
458	#REF!	#REF!	#REF!	-720.52	-1858.70
459	#REF!	#REF!	#REF!	1429.48	-1382.70
460	#REF!	#REF!	#REF!	649.48	1879.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
457	48.3633	221393.16	3766322.79	2339.01	3990054.96	1997.51	1	1385.43
458	30.3633	519155.33	3454771.72	921.93	3974848.98	1993.70	1	1529.80
459	-32.6367	2043400.65	1911863.78	1065.15	3956329.58	1989.05	2	2385.26
460	-24.6367	421818.63	3531762.39	606.97	3954187.98	1988.51	2	1458.30

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
461	6619910260	2090	8910	40	1880.5243446	6940.701623	42.63670412	0.038261276
462	7299601460	2242	4995	3	1880.5243446	6940.701623	42.63670412	0.040146104
463	4174600386	2270	5001	26	1880.5243446	6940.701623	42.63670412	0.028299814
464	8651402700	1060	5144	45	1880.5243446	6940.701623	42.63670412	0.028383306

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
461	20150407T000000	536650	3	1.75	1	0	0	3	8	1230
462	20140623T000000	329900	3	2.5	2	0	0	3	8	2242
463	20150414T000000	310000	5	3	1	0	0	3	7	1360
464	20141028T000000	202950	2	1	1	0	0	5	6	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
461	860	1975	0	98034	47.7149	-122.222	2310	10695	0
462	0	2011	0	98092	47.2595	-122.202	1798	4942	1
463	910	1989	0	98108	47.5539	-122.3	1950	5500	0
464	0	1969	0	98042	47.3613	-122.088	1130	5200	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
461	1	1	#REF!	#REF!	#REF!
462	0	1	#REF!	#REF!	#REF!
463	1	0	#REF!	#REF!	#REF!
464	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
461	#REF!	#REF!	#REF!	209.48	1969.30
462	#REF!	#REF!	#REF!	361.48	-1945.70
463	#REF!	#REF!	#REF!	389.48	-1939.70
464	#REF!	#REF!	#REF!	-820.52	-1796.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
461	-2.6367	43880.05	3878136.10	6.95	3922023.10	1980.41	2	1424.40
462	-39.6367	130664.65	3785754.81	1571.07	3917990.52	1979.39	1	1471.33
463	-16.6367	151691.29	3762442.39	276.78	3914410.45	1978.49	1	1487.48
464	2.3633	673260.20	3228136.72	5.59	3901402.51	1975.20	1	1622.98

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
465	3876301140	3550	7992	46	1880.5243446	6940.701623	42.63670412	0.037655363
466	8651410090	840	5265	46	1880.5243446	6940.701623	42.63670412	0.000938014
467	3905080730	2050	4976	21	1880.5243446	6940.701623	42.63670412	0.015278425
468	1868903130	1540	5000	93	1880.5243446	6940.701623	42.63670412	0.031402971

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
465	20141105T000000	575000	5	2.25	2	0	0	3	8	3550
466	20150508T000000	209000	2	1	1	0	0	5	6	840
467	20150223T000000	535500	3	2.5	2	0	0	3	8	2050
468	20150212T000000	542000	4	1	1.5	0	0	4	7	1090

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
465	0	1968	0	98034	47.7285	-122.179	2110	7992	1
466	0	1969	0	98042	47.3644	-122.082	920	5100	0
467	0	1994	0	98029	47.5689	-121.995	2050	5153	1
468	450	1922	0	98115	47.6754	-122.294	1590	5000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
465	0	1	#REF!	#REF!	#REF!
466	0	0	#REF!	#REF!	#REF!
467	0	1	#REF!	#REF!	#REF!
468	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
465	#REF!	#REF!	#REF!	1669.48	1051.30
466	#REF!	#REF!	#REF!	-1040.52	-1675.70
467	#REF!	#REF!	#REF!	169.48	-1964.70
468	#REF!	#REF!	#REF!	-340.52	-1940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
465	3.3633	2787148.96	1105228.28	11.31	3892388.55	1972.91	2	1704.24
466	3.3633	1082690.91	2807975.93	11.31	3890678.15	1972.48	1	1824.68
467	-21.6367	28722.00	3860052.47	468.15	3889242.61	1972.12	1	1389.16
468	50.3633	115956.83	3766322.79	2536.46	3884816.08	1970.99	1	1367.09

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
469	9238901420	1190	5100	74	1880.5243446	6940.701623	42.63670412	0.013279417
470	59000250	2180	5000	73	1880.5243446	6940.701623	42.63670412	0.028176707
471	9393700140	1150	5120	69	1880.5243446	6940.701623	42.63670412	0.01398965
472	1997200165	2170	5001	0	1880.5243446	6940.701623	42.63670412	0.019381925

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
469	20150202T000000	442000	3	1	1	0	0	4	7	1030
470	20141203T000000	720000	3	1.5	1	0	3	4	8	1090
471	20150310T000000	420000	3	1	1	0	0	4	6	800
472	20140916T000000	802000	3	2.25	2	0	0	3	8	2170

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
469	160	1941	0	98136	47.5346	-122.385	1690	5100	0
470	1090	1941	0	98116	47.5787	-122.402	2070	5000	0
471	350	1946	0	98116	47.5588	-122.392	1220	5120	0
472	0	2014	0	98103	47.6937	-122.338	1700	6991	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
469	1	0	#REF!	#REF!	#REF!
470	1	1	#REF!	#REF!	#REF!
471	1	0	#REF!	#REF!	#REF!
472	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
469	#REF!	#REF!	#REF!	-690.52	-1840.70
470	#REF!	#REF!	#REF!	299.48	-1940.70
471	#REF!	#REF!	#REF!	-730.52	-1820.70
472	#REF!	#REF!	#REF!	289.48	-1939.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
469	31.3633	476823.87	3388182.46	983.66	3865989.99	1966.21	1	1537.17
470	30.3633	89685.67	3766322.79	921.93	3856930.39	1963.91	1	1452.77
471	26.3633	533665.82	3314954.40	695.02	3849315.24	1961.97	1	1568.88
472	-42.6367	83796.16	3762442.39	1817.89	3848056.43	1961.65	1	1450.57

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
473	1454100056	1600	5001	84	1880.5243446	6940.701623	42.63670412	0.025340351
474	5332200320	2140	5000	84	1880.5243446	6940.701623	42.63670412	0.001351618
475	461004095	1620	5000	60	1880.5243446	6940.701623	42.63670412	0.008893216
476	5101405465	1590	5009	30	1880.5243446	6940.701623	42.63670412	0.030970913

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
473	20140715T000000	355000	3	1	1.5	0	0	5	6	1080
474	20140714T000000	675000	2	1.75	1	0	0	3	7	1000
475	20140721T000000	514000	3	1.75	1	0	0	3	7	920
476	20150203T000000	463000	3	2	2	0	0	4	6	1590

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
473	520	1930	0	98125	47.7232	-122.289	1340	5001	1
474	1140	1930	1991	98112	47.6284	-122.291	2250	4000	0
475	700	1954	0	98117	47.681	-122.372	1610	5000	0
476	0	1985	0	98125	47.7012	-122.322	1730	6380	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
473	1	0	#REF!	#REF!	#REF!
474	1	0	#REF!	#REF!	#REF!
475	1	0	#REF!	#REF!	#REF!
476	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
473	#REF!	#REF!	#REF!	-280.52	-1939.70
474	#REF!	#REF!	#REF!	259.48	-1940.70
475	#REF!	#REF!	#REF!	-260.52	-1940.70
476	#REF!	#REF!	#REF!	-290.52	-1931.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
473	41.3633	78693.91	3762442.39	1710.92	3842847.22	1960.32	1	1363.39
474	41.3633	67327.62	3766322.79	1710.92	3835361.33	1958.41	1	1439.49
475	17.3633	67872.93	3766322.79	301.48	3834497.21	1958.19	1	1361.00
476	-12.6367	84404.39	3731471.16	159.69	3816035.24	1953.47	1	1371.38

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
477	7853230200	2480	5082	11	1880.5243446	6940.701623	42.63670412	0.021728796
478	2064800600	1270	8792	46	1880.5243446	6940.701623	42.63670412	0.039258583
479	5541300135	2610	5140	8	1880.5243446	6940.701623	42.63670412	0.008146617
480	3305100210	3070	8474	3	1880.5243446	6940.701623	42.63670412	0.018995971

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
477	20150309T000000	470000	3	2.5	2	0	0	3	7	2480
478	20150109T000000	367500	3	1	1	0	0	5	7	1270
479	20140708T000000	674600	4	2.5	2	0	0	3	8	2610
480	20141021T000000	825000	5	3	2	0	0	3	9	3070

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
477	0	2004	0	98065	47.5297	-121.846	2480	5874	1
478	0	1969	0	98056	47.5351	-122.174	1780	8792	0
479	0	2006	0	98103	47.6951	-122.346	1190	5101	1
480	0	2011	0	98033	47.6852	-122.184	3070	8527	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
477	0	0	#REF!	#REF!	#REF!
478	0	0	#REF!	#REF!	#REF!
479	0	1	#REF!	#REF!	#REF!
480	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
477	#REF!	#REF!	#REF!	599.48	-1858.70
478	#REF!	#REF!	#REF!	-610.52	1851.30
479	#REF!	#REF!	#REF!	729.48	-1800.70
480	#REF!	#REF!	#REF!	1189.48	1533.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
477	-31.6367	359371.06	3454771.72	1000.88	3815143.67	1953.24	1	1654.23
478	3.3633	372739.98	3427305.68	11.31	3800056.97	1949.37	2	1449.84
479	-34.6367	532134.73	3242526.33	1199.70	3775860.77	1943.16	1	1770.54
480	-39.6367	1414852.33	2351003.91	1571.07	3767427.32	1940.99	2	1510.58

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
481	3331001910	1170	5150	107	1880.5243446	6940.701623	42.63670412	0.01730321
482	7732410380	2770	8642	27	1880.5243446	6940.701623	42.63670412	0.006948929
483	4037400295	2530	8736	56	1880.5243446	6940.701623	42.63670412	0.021346875
484	2998800040	2250	8800	89	1880.5243446	6940.701623	42.63670412	0.032042639

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
481	20140818T000000	312000	2	1	1	0	0	3	6	980
482	20140604T000000	907500	4	2.5	2	0	0	4	9	2770
483	20140730T000000	618000	4	2.25	1	0	0	4	7	1210
484	20140613T000000	589000	3	2	1	0	0	4	7	1250

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
481	190	1907	0	98118	47.5503	-122.283	1660	5150	0
482	0	1987	0	98007	47.6599	-122.146	2670	9000	1
483	1320	1958	0	98008	47.6049	-122.126	1720	8500	0
484	1000	1925	0	98116	47.5737	-122.409	2250	4800	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
481	1	0	#REF!	#REF!	#REF!
482	0	1	#REF!	#REF!	#REF!
483	1	0	#REF!	#REF!	#REF!
484	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
481	#REF!	#REF!	#REF!	-710.52	-1790.70
482	#REF!	#REF!	#REF!	889.48	1701.30
483	#REF!	#REF!	#REF!	649.48	1795.30
484	#REF!	#REF!	#REF!	369.48	1859.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
481	64.3633	504844.84	3206612.30	4142.63	3715599.78	1927.59	1	1591.88
482	-15.6367	791166.94	2894416.17	244.51	3685827.62	1919.85	2	1427.29
483	13.3633	421818.63	3223096.26	178.58	3645093.47	1909.21	2	1382.31
484	46.3633	136512.26	3456990.45	2149.56	3595652.27	1896.22	2	1346.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
485	2473101190	1530	8800	48	1880.5243446	6940.701623	42.63670412	7.31E-6
486	2641800060	940	8571	65	1880.5243446	6940.701623	42.63670412	0.026728047
487	7853320470	2550	8698	7	1880.5243446	6940.701623	42.63670412	0.041270143
488	9485760050	1390	5127	24	1880.5243446	6940.701623	42.63670412	0.007018158

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
485	20150427T000000	279950	3	1.75	1	0	0	4	7	1040
486	20150427T000000	239000	3	1	1	0	0	3	6	940
487	20140611T000000	516000	4	3.5	2	0	0	3	7	2550
488	20140826T000000	297950	3	2	1	0	0	3	8	1390

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
485	490	1967	0	98058	47.4483	-122.158	1530	8690	0
486	0	1950	0	98146	47.5006	-122.336	1100	8573	0
487	0	2007	0	98065	47.5216	-121.869	2430	5519	1
488	0	1990	0	98055	47.4504	-122.206	1960	5019	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
485	1	0	#REF!	#REF!	#REF!
486	0	0	#REF!	#REF!	#REF!
487	0	0	#REF!	#REF!	#REF!
488	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
485	#REF!	#REF!	#REF!	-350.52	1859.30
486	#REF!	#REF!	#REF!	-940.52	1630.30
487	#REF!	#REF!	#REF!	669.48	1757.30
488	#REF!	#REF!	#REF!	-490.52	-1813.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
485	5.3633	122867.32	3456990.45	28.76	3579886.54	1892.06	2	1361.13
486	22.3633	884586.04	2657872.80	500.12	3542958.96	1882.27	2	1454.68
487	-35.6367	448197.65	3088097.59	1269.97	3537565.21	1880.84	2	1357.91
488	-18.6367	240614.13	3289513.58	347.33	3530475.04	1878.96	1	1513.24

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
489	1023059246	2580	5200	6	1880.5243446	6940.701623	42.63670412	0.027589234
490	312000135	1480	5120	63	1880.5243446	6940.701623	42.63670412	0.011213758
491	1239400064	2850	8526	17	1880.5243446	6940.701623	42.63670412	0.036360906
492	5560000480	840	8470	53	1880.5243446	6940.701623	42.63670412	0.028397699

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
489	20140514T000000	437000	3	2.75	2	0	0	3	8	2580
490	20140520T000000	483945	2	1.75	1	0	0	4	6	840
491	20150304T000000	895000	4	2.5	2	0	0	3	9	2850
492	20140908T000000	169950	3	1	1	0	0	4	6	840

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
489	0	2008	0	98059	47.496	-122.151	2700	5602	1
490	640	1951	0	98116	47.558	-122.392	1090	5120	0
491	0	1998	0	98033	47.6747	-122.191	2440	7072	1
492	0	1961	0	98023	47.3275	-122.338	840	8450	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
489	0	1	#REF!	#REF!	#REF!
490	1	0	#REF!	#REF!	#REF!
491	0	1	#REF!	#REF!	#REF!
492	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
489	#REF!	#REF!	#REF!	699.48	-1740.70
490	#REF!	#REF!	#REF!	-400.52	-1820.70
491	#REF!	#REF!	#REF!	969.48	1585.30
492	#REF!	#REF!	#REF!	-1040.52	1529.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
489	-36.6367	489266.19	3030042.14	1342.25	3520650.58	1876.34	1	1806.39
490	20.3633	160419.75	3314954.40	414.66	3475788.81	1864.35	1	1492.26
491	-25.6367	939883.05	2513170.94	657.24	3453711.23	1858.42	2	1388.37
492	10.3633	1082690.91	2338753.53	107.40	3421551.84	1849.74	2	1454.18

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
493	7203600530	2600	5238	25	1880.5243446	6940.701623	42.63670412	0.033121202
494	6385910260	1800	8786	48	1880.5243446	6940.701623	42.63670412	0.039394233
495	4302200625	1790	5120	65	1880.5243446	6940.701623	42.63670412	0.026497202
496	4039300810	1200	5252	52	1880.5243446	6940.701623	42.63670412	0.020578397

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
493	20140529T000000	525000	3	3	1.5	0	3	3	9	1890
494	20140910T000000	272750	4	1.5	1	0	0	3	7	1330
495	20140924T000000	335000	3	1.75	1	0	0	4	6	940
496	20141117T000000	427000	3	1	1	0	0	3	7	1200

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
493	710	1989	0	98198	47.3448	-122.327	2220	4853	1
494	470	1966	0	98146	47.4982	-122.345	1780	8664	0
495	850	1949	0	98106	47.5277	-122.355	1160	5120	0
496	0	1962	0	98007	47.6075	-122.134	1800	7920	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
493	1	1	#REF!	#REF!	#REF!
494	1	0	#REF!	#REF!	#REF!
495	1	0	#REF!	#REF!	#REF!
496	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
493	#REF!	#REF!	#REF!	719.48	-1702.70
494	#REF!	#REF!	#REF!	-80.52	1845.30
495	#REF!	#REF!	#REF!	-90.52	-1820.70
496	#REF!	#REF!	#REF!	-680.52	-1688.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
493	-17.6367	517645.22	2899192.82	311.05	3417149.09	1848.55	1	1849.00
494	5.3633	6484.17	3405126.10	28.76	3411639.04	1847.06	2	1295.71
495	22.3633	8194.66	3314954.40	500.12	3323649.17	1823.09	1	1485.00
496	9.3633	463113.38	2851713.17	87.67	3314914.23	1820.69	1	1679.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
497	5104520150	2800	8494	10	1880.5243446	6940.701623	42.63670412	0.031901023
498	1954440060	1900	8744	27	1880.5243446	6940.701623	42.63670412	0.032115369
499	1112000035	1000	5375	62	1880.5243446	6940.701623	42.63670412	0.013309195
500	1568100225	1040	8526	61	1880.5243446	6940.701623	42.63670412	0.0358439

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
497	20140520T000000	426000	4	2.5	2	0	0	3	8	2800
498	20140505T000000	560000	3	2.5	2	0	0	3	8	1900
499	20150311T000000	420000	2	1	1	0	0	3	7	1000
500	20141204T000000	343000	2	1.5	1	0	0	5	6	1040

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
497	0	2004	0	98038	47.3521	-122.009	3740	8494	1
498	0	1987	0	98074	47.62	-122.043	2030	8744	1
499	0	1953	0	98118	47.5404	-122.268	1380	5000	0
500	0	1953	0	98155	47.7349	-122.295	1310	8504	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
497	0	1	#REF!	#REF!	#REF!
498	0	1	#REF!	#REF!	#REF!
499	0	0	#REF!	#REF!	#REF!
500	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
497	#REF!	#REF!	#REF!	919.48	1553.30
498	#REF!	#REF!	#REF!	19.48	1803.30
499	#REF!	#REF!	#REF!	-880.52	-1565.70
500	#REF!	#REF!	#REF!	-840.52	1585.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
497	-32.6367	845435.48	2412735.85	1065.15	3259236.48	1805.34	2	1331.37
498	-15.6367	379.30	3251885.04	244.51	3252508.84	1803.47	2	1248.43
499	19.3633	775323.12	2451421.57	374.94	3227119.63	1796.42	1	1859.95
500	18.3633	706481.17	2513170.94	337.21	3219989.33	1794.43	2	1354.72

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
501	2021200058	2310	5200	75	1880.5243446	6940.701623	42.63670412	0.020441378
502	7016000440	2500	8621	46	1880.5243446	6940.701623	42.63670412	0.006886565
503	2249800080	1630	8702	27	1880.5243446	6940.701623	42.63670412	0.043414229
504	1238500978	950	8450	52	1880.5243446	6940.701623	42.63670412	0.033804934

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
501	20150423T000000	785000	3	2.75	1	0	0	4	7	1520
502	20140716T000000	525000	5	2.25	1.5	0	0	4	7	2500
503	20140523T000000	445000	3	2	1	0	0	3	9	1630
504	20140922T000000	365000	3	1	1	0	0	3	7	950

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
501	790	1940	0	98199	47.6357	-122.397	2310	5200	0
502	0	1968	0	98034	47.7379	-122.185	1980	7395	1
503	0	1987	0	98056	47.5168	-122.193	2250	9890	0
504	0	1962	0	98033	47.6884	-122.186	1610	10080	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
501	1	0	#REF!	#REF!	#REF!
502	0	0	#REF!	#REF!	#REF!
503	0	1	#REF!	#REF!	#REF!
504	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
501	#REF!	#REF!	#REF!	429.48	-1740.70
502	#REF!	#REF!	#REF!	619.48	1680.30
503	#REF!	#REF!	#REF!	-250.52	1761.30
504	#REF!	#REF!	#REF!	-930.52	1509.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
501	32.3633	184449.34	3030042.14	1047.38	3215538.86	1793.19	1	1686.47
502	3.3633	383750.09	2823402.64	11.31	3207164.04	1790.86	2	1266.05
503	-15.6367	62762.45	3102171.97	244.51	3165178.93	1779.09	2	1240.55
504	9.3633	865875.56	2277981.59	87.67	3143944.82	1773.12	2	1360.38

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
505	2843200085	1910	8710	61	1880.5243446	6940.701623	42.63670412	0.043736789
506	3528900160	1370	5250	75	1880.5243446	6940.701623	42.63670412	0.021967561
507	3677400445	2480	5280	67	1880.5243446	6940.701623	42.63670412	0.003950878
508	241900020	2740	5400	9	1880.5243446	6940.701623	42.63670412	0.032293187

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
505	20150217T000000	260000	3	1	1	0	0	3	7	1080
506	20141001T000000	655000	3	1	1	0	0	3	7	1070
507	20140902T000000	475000	3	1.5	1.5	0	0	5	7	1620
508	20140718T000000	378800	5	2.5	2	0	0	3	8	2740

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
505	830	1954	0	98168	47.5038	-122.3	1460	8944	0
506	300	1939	0	98109	47.6421	-122.348	2410	4200	0
507	860	1947	0	98108	47.5575	-122.303	2090	4800	1
508	0	2005	0	98031	47.4036	-122.205	2900	5476	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
505	1	0	#REF!	#REF!	#REF!
506	1	0	#REF!	#REF!	#REF!
507	1	0	#REF!	#REF!	#REF!
508	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
505	#REF!	#REF!	#REF!	29.48	1769.30
506	#REF!	#REF!	#REF!	-510.52	-1690.70
507	#REF!	#REF!	#REF!	599.48	-1660.70
508	#REF!	#REF!	#REF!	859.48	-1540.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
505	18.3633	868.81	3130416.75	337.21	3131622.77	1769.64	2	1214.34
506	32.3633	260635.11	2858471.98	1047.38	3120154.47	1766.40	1	1638.00
507	24.3633	359371.06	2757929.88	593.57	3117894.51	1765.76	1	1829.27
508	-33.6367	738698.40	2373761.49	1131.43	3113591.32	1764.54	1	2060.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
509	8146100610	1220	8573	60	1880.5243446	6940.701623	42.63670412	0.02019871
510	8946390040	3206	5793	2	1880.5243446	6940.701623	42.63670412	0.034434547
511	2970800145	2080	5200	41	1880.5243446	6940.701623	42.63670412	0.02757638
512	8113101582	2310	5249	15	1880.5243446	6940.701623	42.63670412	0.000421497

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
509	20141201T000000	672000	3	1	1	0	0	4	7	1220
510	20140508T000000	375000	6	2.25	2	0	0	3	7	3206
511	20150407T000000	350500	3	1.75	1	0	0	3	7	1040
512	20150415T000000	515000	5	3.5	2	0	0	3	8	1560

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
509	0	1954	0	98004	47.6088	-122.193	1390	8573	0
510	0	2012	0	98032	47.369	-122.287	2527	5804	1
511	1040	1974	0	98166	47.4738	-122.35	1410	6550	0
512	750	2000	0	98118	47.5463	-122.272	1900	7296	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
509	0	0	#REF!	#REF!	#REF!
510	0	0	#REF!	#REF!	#REF!
511	1	0	#REF!	#REF!	#REF!
512	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
509	#REF!	#REF!	#REF!	-660.52	1632.30
510	#REF!	#REF!	#REF!	1325.48	-1147.70
511	#REF!	#REF!	#REF!	199.48	-1740.70
512	#REF!	#REF!	#REF!	429.48	-1691.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
509	17.3633	436292.41	2664397.99	301.48	3100991.89	1760.96	2	1284.53
510	-40.6367	1756885.71	1317219.02	1651.34	3075756.07	1753.78	2	2134.51
511	-1.6367	39790.54	3030042.14	2.68	3069835.36	1752.09	1	1612.97
512	-27.6367	184449.34	2861854.38	763.79	3047067.51	1745.59	1	1731.83

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
513	5680000545	1750	5202	72	1880.5243446	6940.701623	42.63670412	0.022065439
514	7555210340	2360	8616	40	1880.5243446	6940.701623	42.63670412	0.029293669
515	7399300120	1480	8625	40	1880.5243446	6940.701623	42.63670412	0.038828386
516	9577800005	2780	5467	14	1880.5243446	6940.701623	42.63670412	0.02728562

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
513	20141203T000000	330000	4	2	1	0	1	4	6	1070
514	20140825T000000	752500	4	2.25	2	0	0	4	8	2360
515	20140502T000000	260000	4	2	1	0	0	4	7	1480
516	20141022T000000	775000	3	2.5	2	0	2	3	9	2780

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
513	680	1942	0	98108	47.5677	-122.317	2090	5400	0
514	0	1974	0	98033	47.6495	-122.198	2360	9337	1
515	0	1974	0	98055	47.462	-122.193	2130	8502	0
516	0	2000	0	98126	47.5791	-122.378	2630	5000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
513	1	0	#REF!	#REF!	#REF!
514	0	1	#REF!	#REF!	#REF!
515	0	0	#REF!	#REF!	#REF!
516	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
513	#REF!	#REF!	#REF!	-130.52	-1738.70
514	#REF!	#REF!	#REF!	479.48	1675.30
515	#REF!	#REF!	#REF!	-400.52	1684.30
516	#REF!	#REF!	#REF!	899.48	-1473.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
513	29.3633	17036.60	3023083.33	862.20	3040982.14	1743.84	1	1564.29
514	-2.6367	229896.90	2806624.65	6.95	3036528.51	1742.56	2	1203.64
515	-2.6367	160419.75	2836861.02	6.95	2997287.73	1731.27	2	1211.73
516	-28.6367	809056.45	2171796.47	820.06	2981672.99	1726.75	1	2137.96

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
517	4139440460	2660	8469	20	1880.5243446	6940.701623	42.63670412	0.021494511
518	8945100320	1420	8580	52	1880.5243446	6940.701623	42.63670412	0.03986277
519	84000105	2060	8632	52	1880.5243446	6940.701623	42.63670412	0.004934729
520	254000241	2220	5279	9	1880.5243446	6940.701623	42.63670412	0.008788097

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
517	20141118T000000	751305	4	2.5	2	0	0	3	10	2660
518	20140506T000000	136500	3	1.5	1	0	0	3	6	1420
519	20140507T000000	255000	5	2.25	1	0	0	3	7	1030
520	20150324T000000	540000	3	2.5	2	0	0	3	8	2220

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
517	0	1994	0	98006	47.5529	-122.12	2920	10697	1
518	0	1962	0	98023	47.3076	-122.362	1200	8580	0
519	1030	1962	0	98146	47.4877	-122.335	1010	11680	0
520	0	2006	0	98146	47.5132	-122.387	1610	5297	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
517	0	1	#REF!	#REF!	#REF!
518	0	0	#REF!	#REF!	#REF!
519	1	0	#REF!	#REF!	#REF!
520	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
517	#REF!	#REF!	#REF!	779.48	1528.30
518	#REF!	#REF!	#REF!	-460.52	1639.30
519	#REF!	#REF!	#REF!	179.48	1691.30
520	#REF!	#REF!	#REF!	339.48	-1661.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
517	-22.6367	607582.30	2335695.93	512.42	2943790.65	1715.75	2	1223.02
518	9.3633	212082.67	2687299.17	87.67	2899469.51	1702.78	2	1193.78
519	9.3633	32211.51	2860490.20	87.67	2892789.38	1700.82	2	1144.85
520	-33.6367	115243.72	2761252.28	1131.43	2877627.43	1696.36	1	1729.15

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
521	9198600035	2210	8594	55	1880.5243446	6940.701623	42.63670412	0.012451407
522	5727000010	2120	5293	11	1880.5243446	6940.701623	42.63670412	0.041850577
523	6306800010	2692	8392	0	1880.5243446	6940.701623	42.63670412	0.019295987
524	4229900140	720	5750	71	1880.5243446	6940.701623	42.63670412	0.001271732

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
521	20140805T000000	240000	6	1.75	1	0	0	3	7	1310
522	20141215T000000	319990	4	2.5	2	0	0	3	7	2120
523	20140811T000000	436472	4	2.5	2	0	0	3	9	2692
524	20141006T000000	310000	2	1	1	0	0	2	6	720

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
521	900	1959	0	98188	47.4594	-122.273	1850	8594	0
522	0	2003	0	98031	47.4217	-122.201	1990	5313	1
523	0	2014	0	98030	47.3519	-122.197	2574	14446	1
524	0	1943	0	98136	47.5535	-122.393	980	6125	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
521	1	0	#REF!	#REF!	#REF!
522	0	0	#REF!	#REF!	#REF!
523	0	1	#REF!	#REF!	#REF!
524	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
521	#REF!	#REF!	#REF!	329.48	1653.30
522	#REF!	#REF!	#REF!	239.48	-1647.70
523	#REF!	#REF!	#REF!	811.48	1451.30
524	#REF!	#REF!	#REF!	-1160.52	-1190.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
521	12.3633	108554.21	2733395.52	152.85	2842102.58	1685.85	2	1135.99
522	-31.6367	57348.59	2714920.64	1000.88	2773270.11	1665.31	1	1713.45
523	-42.6367	658492.74	2106266.98	1817.89	2766577.61	1663.30	2	1183.88
524	28.3633	1346816.75	1417770.35	804.48	2765391.59	1662.95	2	2118.43

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
525	1432900240	1610	8579	53	1880.5243446	6940.701623	42.63670412	0.024357819
526	726059047	920	8282	70	1880.5243446	6940.701623	42.63670412	0.038223923
527	6821102170	2210	8556	60	1880.5243446	6940.701623	42.63670412	0.000332856
528	2123049114	680	8064	73	1880.5243446	6940.701623	42.63670412	0.036149403

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
525	20150508T000000	205000	3	1	1	0	0	4	7	1010
526	20141216T000000	310000	1	1	1.5	0	0	3	6	920
527	20140507T000000	794154	4	2	1	0	1	4	8	1210
528	20140519T000000	110700	2	1	1	0	0	3	6	680

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
525	600	1962	0	98058	47.4563	-122.171	1610	8579	0
526	0	1944	1980	98011	47.761	-122.214	2260	14025	1
527	1000	1954	0	98199	47.6498	-122.396	2190	7975	0
528	0	1941	0	98188	47.469	-122.298	1340	10800	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
525	1	0	#REF!	#REF!	#REF!
526	0	0	#REF!	#REF!	#REF!
527	1	1	#REF!	#REF!	#REF!
528	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
525	#REF!	#REF!	#REF!	-270.52	1638.30
526	#REF!	#REF!	#REF!	-960.52	1341.30
527	#REF!	#REF!	#REF!	329.48	1615.30
528	#REF!	#REF!	#REF!	-1200.52	1123.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
525	10.3633	73183.42	2684021.57	107.40	2757312.39	1660.52	2	1126.59
526	27.3633	922607.02	1799081.34	748.75	2722437.10	1649.98	2	1272.00
527	17.3633	108554.21	2609188.85	301.48	2718044.54	1648.65	2	1099.36
528	30.3633	1441258.70	1261799.24	921.93	2703979.88	1644.38	2	1363.94

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
529	3500100025	1370	8499	65	1880.5243446	6940.701623	42.63670412	0.002759962
530	7390400026	1850	8580	54	1880.5243446	6940.701623	42.63670412	0.000759008
531	5411600180	2970	5722	9	1880.5243446	6940.701623	42.63670412	0.005024327
532	2641800015	960	8291	64	1880.5243446	6940.701623	42.63670412	0.03503563

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
529	20140628T000000	300000	4	1	1	0	0	3	7	1370
530	20141124T000000	315000	4	1.75	1	0	0	3	7	1140
531	20141224T000000	715000	4	2.5	2	0	0	3	9	2970
532	20141124T000000	158800	3	1	1	0	0	3	6	960

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
529	0	1949	0	98155	47.736	-122.301	1370	8187	0
530	710	1960	0	98178	47.4877	-122.24	2210	9240	0
531	0	2005	0	98074	47.6134	-122.042	3940	4848	1
532	0	1950	0	98146	47.5006	-122.334	1110	8231	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
529	0	0	#REF!	#REF!	#REF!
530	1	0	#REF!	#REF!	#REF!
531	0	1	#REF!	#REF!	#REF!
532	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
529	#REF!	#REF!	#REF!	-510.52	1558.30
530	#REF!	#REF!	#REF!	-30.52	1639.30
531	#REF!	#REF!	#REF!	1089.48	-1218.70
532	#REF!	#REF!	#REF!	-920.52	1350.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
529	22.3633	260635.11	2428293.83	500.12	2689429.06	1639.95	2	1144.07
530	11.3633	931.74	2687299.17	129.12	2688360.03	1639.62	2	1086.46
531	-33.6367	1186957.20	1485233.65	1131.43	2673322.28	1635.03	2	2061.79
532	21.3633	847365.07	1823305.71	456.39	2671127.17	1634.36	2	1246.42

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
533	3319500385	1580	5340	67	1880.5243446	6940.701623	42.63670412	0.013102776
534	808300310	2130	5337	14	1880.5243446	6940.701623	42.63670412	0.0062123
535	740500070	1460	8505	59	1880.5243446	6940.701623	42.63670412	0.030123412
536	2085200545	840	5700	69	1880.5243446	6940.701623	42.63670412	0.0000873

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
533	20140616T000000	400000	4	1.75	1	0	0	3	7	1130
534	20150313T000000	389000	4	2.25	2	0	0	3	7	2130
535	20141006T000000	265000	3	1.5	1	0	0	4	7	1460
536	20140821T000000	180000	3	1	1	0	0	4	5	840

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
533	450	1947	0	98144	47.6003	-122.306	830	980	0
534	0	2001	0	98019	47.7237	-121.959	2300	6930	1
535	0	1955	0	98055	47.4402	-122.195	1580	8505	0
536	0	1945	0	98038	47.3948	-122.028	1430	12600	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
533	1	0	#REF!	#REF!	#REF!
534	0	0	#REF!	#REF!	#REF!
535	0	0	#REF!	#REF!	#REF!
536	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
533	#REF!	#REF!	#REF!	-300.52	-1600.70
534	#REF!	#REF!	#REF!	249.48	-1603.70
535	#REF!	#REF!	#REF!	-420.52	1564.30
536	#REF!	#REF!	#REF!	-1040.52	-1240.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
533	24.3633	90314.88	2562245.69	593.57	2653154.14	1628.85	1	1702.53
534	-28.6367	62238.10	2571858.90	820.06	2634917.06	1623.24	1	1758.47
535	16.3633	176840.72	2447029.41	267.76	2624137.89	1619.92	2	1109.02
536	26.3633	1082690.91	1539340.52	695.02	2622726.45	1619.48	2	2095.52

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
537	8564860270	2680	5539	2	1880.5243446	6940.701623	42.63670412	0.021260324
538	1123049232	2690	5557	2	1880.5243446	6940.701623	42.63670412	0.041548167
539	5255200220	2020	8531	49	1880.5243446	6940.701623	42.63670412	0.029991224
540	7960100120	1480	5400	100	1880.5243446	6940.701623	42.63670412	0.011968826

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
537	20150330T000000	502000	4	2.5	2	0	0	3	8	2680
538	20140606T000000	279000	5	2.5	2	0	0	3	7	2690
539	20141205T000000	405000	3	1.75	1	0	0	3	7	2020
540	20140612T000000	600000	3	2.25	2	0	0	4	8	1480

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
537	0	2013	0	98045	47.4759	-121.734	2680	5992	1
538	0	2012	0	98178	47.4914	-122.253	2090	10500	1
539	0	1965	0	98011	47.7691	-122.199	1950	8449	0
540	0	1914	0	98122	47.6095	-122.296	1280	3600	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
537	0	1	#REF!	#REF!	#REF!
538	0	0	#REF!	#REF!	#REF!
539	0	0	#REF!	#REF!	#REF!
540	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
537	#REF!	#REF!	#REF!	799.48	-1401.70
538	#REF!	#REF!	#REF!	809.48	-1383.70
539	#REF!	#REF!	#REF!	139.48	1590.30
540	#REF!	#REF!	#REF!	-400.52	-1540.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
537	-40.6367	639161.32	1964767.44	1651.34	2605580.11	1614.18	2	2099.78
538	-40.6367	655250.84	1914630.18	1651.34	2571532.36	1603.60	2	2086.68
539	6.3633	19453.46	2529048.93	40.49	2548542.88	1596.42	2	1040.05
540	57.3633	160419.75	2373761.49	3290.55	2537471.79	1592.94	1	1771.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
541	7129302185	950	5650	71	1880.5243446	6940.701623	42.63670412	0.042974242
542	6150200280	1810	8527	71	1880.5243446	6940.701623	42.63670412	0.012353584
543	5700001920	3060	8000	93	1880.5243446	6940.701623	42.63670412	0.017924054
544	7686205370	1830	5375	52	1880.5243446	6940.701623	42.63670412	0.00506412

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
541	20141215T000000	290000	2	1	1	0	0	5	6	950
542	20140821T000000	375000	2	1	1.5	0	0	4	7	1810
543	20150219T000000	877500	4	2	2	0	0	4	8	2040
544	20141124T000000	260000	4	1.75	1	0	0	2	7	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
541	0	1943	0	98118	47.5149	-122.257	1250	5650	0
542	0	1943	0	98133	47.7275	-122.336	1490	6800	1
543	1020	1922	0	98144	47.5795	-122.29	2730	5800	1
544	770	1962	0	98198	47.4169	-122.316	1040	7500	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
541	0	0	#REF!	#REF!	#REF!
542	0	0	#REF!	#REF!	#REF!
543	1	1	#REF!	#REF!	#REF!
544	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
541	#REF!	#REF!	#REF!	-930.52	-1290.70
542	#REF!	#REF!	#REF!	-70.52	1586.30
543	#REF!	#REF!	#REF!	1179.48	1059.30
544	#REF!	#REF!	#REF!	-50.52	-1565.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
541	28.3633	865875.56	1665910.68	804.48	2532590.71	1591.41	2	2085.18
542	28.3633	4973.68	2516342.54	804.48	2522120.70	1588.12	2	1037.36
543	50.3633	1391162.82	1122113.05	2536.46	2515812.33	1586.13	2	1247.89
544	9.3633	2552.71	2451421.57	87.67	2454061.95	1566.54	1	1742.37

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
545	3448900320	2610	5562	1	1880.5243446	6940.701623	42.63670412	0.008188154
546	5006000170	1130	8308	71	1880.5243446	6940.701623	42.63670412	0.042263142
547	629420080	3070	5936	9	1880.5243446	6940.701623	42.63670412	0.039703136
548	395800370	1340	8400	49	1880.5243446	6940.701623	42.63670412	0.026563505

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
545	20140723T000000	610360	4	2.5	2	0	0	3	9	2610
546	20150211T000000	293000	4	1	1.5	0	0	4	6	1130
547	20140820T000000	731000	4	2.5	2	0	0	3	9	3070
548	20150411T000000	246600	4	1	1	0	0	5	7	1340

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
545	0	2013	0	98056	47.5137	-122.169	2720	7400	1
546	0	1944	0	98166	47.4669	-122.355	1130	8652	1
547	0	2005	0	98075	47.5902	-121.988	3160	5936	1
548	0	1966	0	98023	47.3313	-122.343	1120	8400	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
545	0	1	#REF!	#REF!	#REF!
546	0	0	#REF!	#REF!	#REF!
547	0	1	#REF!	#REF!	#REF!
548	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
545	#REF!	#REF!	#REF!	729.48	-1378.70
546	#REF!	#REF!	#REF!	-750.52	1367.30
547	#REF!	#REF!	#REF!	1189.48	-1004.70
548	#REF!	#REF!	#REF!	-540.52	1459.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
545	-41.6367	532134.73	1900818.17	1733.62	2434686.51	1560.35	2	2053.80
546	28.3633	563286.79	1869504.85	804.48	2433596.12	1560.00	2	1133.08
547	-33.6367	1414852.33	1009425.35	1131.43	2425409.11	1557.37	2	1938.46
548	6.3633	292166.57	2129551.75	40.49	2421758.81	1556.20	2	1074.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
549	8091670190	1760	5390	0	1880.5243446	6940.701623	42.63670412	0.042405883
550	7525300260	2890	8122	37	1880.5243446	6940.701623	42.63670412	0.035604331
551	7655900038	1370	8400	67	1880.5243446	6940.701623	42.63670412	0.043338782
552	5422570260	1790	5400	35	1880.5243446	6940.701623	42.63670412	0.023861725

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
549	20141104T000000	382495	3	2.5	1	0	0	3	8	1760
550	20140623T000000	502000	6	2.5	1	0	0	3	8	1630
551	20150414T000000	296000	2	1	1	0	0	3	7	1370
552	20140929T000000	405000	2	2.5	2	0	0	4	8	1790

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
549	0	2014	0	98038	47.3482	-122.042	2310	5117	0
550	1260	1977	0	98008	47.5886	-122.113	2730	9915	0
551	0	1948	0	98133	47.7344	-122.336	1330	8396	0
552	0	1979	0	98052	47.6606	-122.128	1700	5760	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
549	0	1	#REF!	#REF!	#REF!
550	1	1	#REF!	#REF!	#REF!
551	0	0	#REF!	#REF!	#REF!
552	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
549	#REF!	#REF!	#REF!	-120.52	-1550.70
550	#REF!	#REF!	#REF!	1009.48	1181.30
551	#REF!	#REF!	#REF!	-510.52	1459.30
552	#REF!	#REF!	#REF!	-90.52	-1540.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
549	-42.6367	14526.12	2404675.52	1817.89	2421019.53	1555.96	1	1752.83
550	-5.6367	1019041.10	1395465.86	31.77	2414538.73	1553.88	2	1154.91
551	24.3633	260635.11	2129551.75	593.57	2390780.43	1546.21	2	1058.38
552	-7.6367	8194.66	2373761.49	58.32	2382014.47	1543.38	1	1764.09

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
553	8562890280	2430	5499	12	1880.5243446	6940.701623	42.63670412	0.026184098
554	5036300575	2710	8227	61	1880.5243446	6940.701623	42.63670412	0.042708381
555	2937300520	3110	6050	0	1880.5243446	6940.701623	42.63670412	0.03360181
556	4058800500	2320	5490	58	1880.5243446	6940.701623	42.63670412	0.006911053

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
553	20140626T000000	310000	4	2.5	2	0	0	3	8	2430
554	20141016T000000	951250	5	3	1	0	2	3	8	1910
555	20140801T000000	799990	4	2.75	2	0	0	3	9	3110
556	20140710T000000	416100	4	1.75	1	0	3	3	8	1160

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
553	0	2002	0	98042	47.3779	-122.125	2890	5190	1
554	800	1953	0	98199	47.6505	-122.39	2060	5400	0
555	0	2014	0	98052	47.705	-122.126	3590	6054	1
556	1160	1956	0	98178	47.5091	-122.241	2240	7200	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
553	0	1	#REF!	#REF!	#REF!
554	1	1	#REF!	#REF!	#REF!
555	0	1	#REF!	#REF!	#REF!
556	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
553	#REF!	#REF!	#REF!	549.48	-1441.70
554	#REF!	#REF!	#REF!	829.48	1286.30
555	#REF!	#REF!	#REF!	1229.48	-890.70
556	#REF!	#REF!	#REF!	439.48	-1450.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
553	-30.6367	301923.50	2078503.57	938.61	2381365.67	1543.17	1	2008.59
554	18.3633	688029.86	1654563.51	337.21	2342930.59	1530.66	2	1076.89
555	-42.6367	1511610.39	793349.38	1817.89	2306777.66	1518.81	2	1873.32
556	15.3633	193138.85	2104535.20	236.03	2297910.08	1515.89	1	1960.91

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
557	9828700685	1540	8400	113	1880.5243446	6940.701623	42.63670412	0.004699572
558	8835200230	1850	5444	33	1880.5243446	6940.701623	42.63670412	0.033261851
559	7702010050	2830	5788	14	1880.5243446	6940.701623	42.63670412	0.002664026
560	8562891100	2430	5556	11	1880.5243446	6940.701623	42.63670412	0.00189068

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
557	20150513T000000	900000	3	1.75	1.5	0	0	3	7	1540
558	20140702T000000	475000	4	2.5	2	0	0	5	7	1850
559	20150323T000000	590000	3	2.5	2	0	0	3	9	2830
560	20140910T000000	381500	4	2.5	2	0	0	4	8	2430

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
557	0	1902	0	98122	47.6187	-122.295	1330	4800	1
558	0	1981	0	98034	47.7227	-122.16	1540	5000	1
559	0	2001	0	98028	47.7604	-122.235	2500	5802	1
560	0	2003	0	98042	47.3762	-122.126	2430	5556	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
557	0	0	#REF!	#REF!	#REF!
558	0	0	#REF!	#REF!	#REF!
559	0	1	#REF!	#REF!	#REF!
560	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
557	#REF!	#REF!	#REF!	-340.52	1459.30
558	#REF!	#REF!	#REF!	-30.52	-1496.70
559	#REF!	#REF!	#REF!	949.48	-1152.70
560	#REF!	#REF!	#REF!	549.48	-1384.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
557	70.3633	115956.83	2129551.75	4950.99	2250459.58	1500.15	2	983.13
558	-9.6367	931.74	2240115.75	92.87	2241140.35	1497.04	1	1812.97
559	-28.6367	901504.02	1328721.03	820.06	2231045.11	1493.67	2	1935.55
560	-31.6367	301923.50	1917398.58	1000.88	2220322.96	1490.07	2	2006.11

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
561	705700640	2170	8396	19	1880.5243446	6940.701623	42.63670412	0.004681186
562	339350150	2740	5735	11	1880.5243446	6940.701623	42.63670412	0.030677966
563	7549801385	420	6720	92	1880.5243446	6940.701623	42.63670412	0.026772062
564	8651402660	1450	5530	45	1880.5243446	6940.701623	42.63670412	0.038674959

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
561	20140916T000000	353000	3	2.75	2	0	0	3	7	2170
562	20150311T000000	675000	3	2.75	2	0	0	3	9	2740
563	20140612T000000	280000	1	0.75	1	0	0	3	5	420
564	20141008T000000	175409	4	1.5	1	0	0	4	6	1450

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
561	0	1995	0	98038	47.3812	-122.023	2170	8378	1
562	0	2004	0	98052	47.6862	-122.093	2210	5026	1
563	0	1922	0	98108	47.552	-122.311	1420	6720	0
564	0	1969	0	98042	47.3613	-122.087	1060	5200	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
561	0	0	#REF!	#REF!	#REF!
562	0	1	#REF!	#REF!	#REF!
563	0	0	#REF!	#REF!	#REF!
564	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
561	#REF!	#REF!	#REF!	289.48	1455.30
562	#REF!	#REF!	#REF!	859.48	-1205.70
563	#REF!	#REF!	#REF!	-1460.52	-220.70
564	#REF!	#REF!	#REF!	-430.52	-1410.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
561	-23.6367	83796.16	2117893.37	558.69	2202248.22	1484.00	2	934.65
562	-31.6367	738698.40	1453716.40	1000.88	2193415.69	1481.02	2	1942.83
563	49.3633	2133131.36	48709.21	2436.73	2184277.30	1477.93	2	1689.12
564	2.3633	185351.21	1990079.07	5.59	2175435.87	1474.94	1	1902.74

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
565	4174600072	2710	5722	17	1880.5243446	6940.701623	42.63670412	0.004332493
566	1442880570	2790	8092	1	1880.5243446	6940.701623	42.63670412	0.028204636
567	626059127	2830	5831	4	1880.5243446	6940.701623	42.63670412	0.04021813
568	1152700020	2650	5706	9	1880.5243446	6940.701623	42.63670412	0.040970464

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
565	20141223T000000	539500	4	3.5	2	0	0	4	8	2040
566	20140821T000000	505657	4	2.75	2	0	0	3	8	2790
567	20141117T000000	614000	3	2.5	2	0	0	3	9	2830
568	20141226T000000	370000	4	2.5	2	0	0	3	9	2650

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
565	670	1997	0	98108	47.5591	-122.302	2500	5722	1
566	0	2013	0	98045	47.4834	-121.773	2790	6154	1
567	0	2010	0	98011	47.7744	-122.224	2830	6064	1
568	0	2005	0	98042	47.3515	-122.164	2760	5749	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
565	1	1	#REF!	#REF!	#REF!
566	0	1	#REF!	#REF!	#REF!
567	0	1	#REF!	#REF!	#REF!
568	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
565	#REF!	#REF!	#REF!	829.48	-1218.70
566	#REF!	#REF!	#REF!	909.48	1151.30
567	#REF!	#REF!	#REF!	949.48	-1109.70
568	#REF!	#REF!	#REF!	769.48	-1234.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
565	-25.6367	688029.86	1485233.65	657.24	2173920.75	1474.42	2	1942.13
566	-41.6367	827145.97	1325487.95	1733.62	2154367.54	1467.78	2	1055.83
567	-38.6367	901504.02	1231437.69	1492.79	2134434.51	1460.97	2	1897.89
568	-33.6367	592092.78	1524488.10	1131.43	2117712.31	1455.24	2	1933.42

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
569	7686202635	900	8000	60	1880.5243446	6940.701623	42.63670412	0.024556874
570	7974700122	1820	5500	57	1880.5243446	6940.701623	42.63670412	0.007671062
571	1703900155	790	6000	66	1880.5243446	6940.701623	42.63670412	0.042050243
572	3329500730	1290	8250	31	1880.5243446	6940.701623	42.63670412	0.029505416

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
569	20140812T000000	185000	2	1	1	0	0	4	6	900
570	20140610T000000	659500	3	1.75	1	0	0	4	8	1620
571	20141113T000000	325000	2	1	1	0	0	3	7	790
572	20141111T000000	220000	3	1.75	1	0	0	3	7	1290

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
569	0	1954	0	98198	47.4217	-122.317	1240	8000	0
570	200	1957	0	98115	47.6737	-122.283	2330	6050	0
571	0	1948	0	98118	47.5543	-122.273	960	6000	0
572	0	1983	0	98001	47.3353	-122.27	1410	7823	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
569	0	0	#REF!	#REF!	#REF!
570	1	1	#REF!	#REF!	#REF!
571	0	0	#REF!	#REF!	#REF!
572	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
569	#REF!	#REF!	#REF!	-980.52	1059.30
570	#REF!	#REF!	#REF!	-60.52	-1440.70
571	#REF!	#REF!	#REF!	-1090.52	-940.70
572	#REF!	#REF!	#REF!	-590.52	1309.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
569	17.3633	961427.99	1122113.05	301.48	2083842.53	1443.55	2	1137.57
570	14.3633	3663.20	2075621.17	206.30	2079490.67	1442.04	1	1866.07
571	23.3633	1189243.35	884919.54	545.84	2074708.73	1440.38	2	1874.57
572	-11.6367	348719.00	1714262.24	135.41	2063116.65	1436.36	2	982.50

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
573	1900000035	620	7620	89	1880.5243446	6940.701623	42.63670412	0.036253818
574	7893808220	990	8062	54	1880.5243446	6940.701623	42.63670412	0.025193243
575	6669240230	2588	5702	7	1880.5243446	6940.701623	42.63670412	0.001554319
576	582000185	1960	5520	62	1880.5243446	6940.701623	42.63670412	0.039739827

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
573	20150505T000000	212000	1	1	1	0	0	3	6	620
574	20140709T000000	250000	3	1	1	0	0	4	7	990
575	20150317T000000	306000	3	2.5	2	0	0	3	8	2588
576	20140821T000000	655000	3	1.75	1	0	0	4	7	1080

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
573	0	1926	0	98166	47.4697	-122.349	1160	7620	0
574	0	1960	0	98198	47.4151	-122.334	1420	8790	0
575	0	2008	0	98042	47.3453	-122.151	2403	5703	1
576	880	1952	0	98199	47.6535	-122.397	1720	5760	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
573	0	0	#REF!	#REF!	#REF!
574	0	0	#REF!	#REF!	#REF!
575	0	1	#REF!	#REF!	#REF!
576	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
573	#REF!	#REF!	#REF!	-1260.52	679.30
574	#REF!	#REF!	#REF!	-890.52	1121.30
575	#REF!	#REF!	#REF!	707.48	-1238.70
576	#REF!	#REF!	#REF!	79.48	-1420.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
573	46.3633	1588921.62	461446.29	2149.56	2052517.46	1432.66	2	1306.33
574	11.3633	793033.61	1257310.05	129.12	2050472.78	1431.95	2	1088.49
575	-35.6367	500521.80	1534381.71	1269.97	2036173.49	1426.95	2	1914.65
576	19.3633	6316.38	2018393.10	374.94	2025084.42	1423.05	1	1902.31

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
577	6131600255	1540	8316	60	1880.5243446	6940.701623	42.63670412	0.01907691
578	923000280	2580	8154	58	1880.5243446	6940.701623	42.63670412	0.029505361
579	1796350690	1390	8250	27	1880.5243446	6940.701623	42.63670412	0.018651827
580	1822059440	3100	7600	10	1880.5243446	6940.701623	42.63670412	0.018776814

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
577	20141222T000000	202500	3	2	1	0	0	5	6	1540
578	20140722T000000	699000	3	2.5	1	0	0	3	10	2090
579	20140820T000000	245000	3	2	1	0	0	3	7	1390
580	20150203T000000	511000	4	3.5	2	0	0	3	10	3100

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
577	0	1954	0	98002	47.323	-122.216	1250	8316	0
578	490	1956	1997	98177	47.7259	-122.361	1660	8155	0
579	0	1987	0	98042	47.3707	-122.094	1390	7875	0
580	0	2005	0	98031	47.3892	-122.215	3350	7638	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
577	0	0	#REF!	#REF!	#REF!
578	1	1	#REF!	#REF!	#REF!
579	0	0	#REF!	#REF!	#REF!
580	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
577	#REF!	#REF!	#REF!	-340.52	1375.30
578	#REF!	#REF!	#REF!	699.48	1213.30
579	#REF!	#REF!	#REF!	-490.52	1309.30
580	#REF!	#REF!	#REF!	1219.48	659.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
577	17.3633	115956.83	1891445.63	301.48	2007703.94	1416.93	2	903.92
578	15.3633	489266.19	1472092.95	236.03	1961595.18	1400.57	2	932.50
579	-15.6367	240614.13	1714262.24	244.51	1955120.88	1398.26	2	921.68
580	-32.6367	1487120.87	434674.35	1065.15	1922860.38	1386.67	2	1185.45

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
581	4077800376	2980	7781	54	1880.5243446	6940.701623	42.63670412	0.003099851
582	1149900050	2780	7985	23	1880.5243446	6940.701623	42.63670412	0.032294366
583	1056200010	1590	8285	58	1880.5243446	6940.701623	42.63670412	0.022228725
584	7454000555	670	6300	73	1880.5243446	6940.701623	42.63670412	0.010485788

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
581	20140701T000000	600000	5	2.25	1	0	0	3	9	1580
582	20150312T000000	717000	4	2.5	2	0	0	4	10	2780
583	20140902T000000	750000	3	1.75	1	0	0	4	8	1590
584	20150113T000000	272000	2	1	1	0	0	4	6	670

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
581	1400	1960	0	98125	47.7048	-122.279	2310	7781	0
582	0	1992	0	98029	47.5608	-122.016	2650	8094	1
583	0	1956	0	98004	47.5855	-122.194	1970	8970	0
584	0	1942	0	98126	47.5145	-122.374	740	6300	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
581	1	1	#REF!	#REF!	#REF!
582	0	1	#REF!	#REF!	#REF!
583	0	1	#REF!	#REF!	#REF!
584	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
581	#REF!	#REF!	#REF!	1099.48	840.30
582	#REF!	#REF!	#REF!	899.48	1044.30
583	#REF!	#REF!	#REF!	-290.52	1344.30
584	#REF!	#REF!	#REF!	-1210.52	-640.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
581	11.3633	1208846.72	706101.36	129.12	1915077.20	1383.86	2	1098.14
582	-19.6367	809056.45	1090559.10	385.60	1900001.16	1378.41	2	989.94
583	15.3633	84404.39	1807138.13	236.03	1891778.55	1375.42	2	855.37
584	30.3633	1465369.19	410498.57	921.93	1876789.69	1369.96	2	1729.86

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
585	8731982630	1720	8300	41	1880.5243446	6940.701623	42.63670412	0.026184172
586	1853080850	3030	7679	0	1880.5243446	6940.701623	42.63670412	0.009196078
587	3343902510	3240	6863	1	1880.5243446	6940.701623	42.63670412	0.015230108
588	623049093	910	6000	58	1880.5243446	6940.701623	42.63670412	0.01947247

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
585	20140522T000000	240000	4	2.25	1	0	0	4	8	1720
586	20140606T000000	837219	5	2.75	2	0	0	3	9	3030
587	20140611T000000	719950	5	2.75	2	0	0	3	10	3240
588	20140522T000000	219900	3	1	1	0	0	2	6	910

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
585	0	1973	0	98023	47.3192	-122.385	2010	8000	0
586	0	2014	0	98074	47.593	-122.057	3080	6341	1
587	0	2013	0	98056	47.5033	-122.193	2360	6002	1
588	0	1956	0	98146	47.5065	-122.338	1090	6957	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
585	0	1	#REF!	#REF!	#REF!
586	0	1	#REF!	#REF!	#REF!
587	0	1	#REF!	#REF!	#REF!
588	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
585	#REF!	#REF!	#REF!	-160.52	1359.30
586	#REF!	#REF!	#REF!	1149.48	738.30
587	#REF!	#REF!	#REF!	1359.48	-77.70
588	#REF!	#REF!	#REF!	-970.52	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
585	-1.6367	25768.07	1847692.08	2.68	1873462.82	1368.74	2	828.57
586	-42.6367	1321294.28	545084.49	1817.89	1868196.66	1366.82	2	1126.23
587	-41.6367	1848174.06	6037.54	1733.62	1855945.22	1362.33	2	1464.82
588	15.3633	941917.50	884919.54	236.03	1827073.08	1351.69	2	1804.72

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
589	7787100210	2120	8267	18	1880.5243446	6940.701623	42.63670412	0.033442561
590	8944310330	1520	5649	25	1880.5243446	6940.701623	42.63670412	0.041915414
591	1328330590	2020	8250	37	1880.5243446	6940.701623	42.63670412	0.03569481
592	7853420110	2780	6000	1	1880.5243446	6940.701623	42.63670412	0.041529083

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
589	20141209T000000	450000	4	2.25	2	0	0	3	8	2120
590	20140819T000000	375000	3	2.5	2	0	0	4	7	1520
591	20150420T000000	346500	5	2.5	1	0	0	4	8	1430
592	20141003T000000	594866	3	3	2	0	0	3	9	2780

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
589	0	1996	0	98045	47.4885	-121.779	2150	7746	1
590	0	1989	0	98034	47.7221	-122.162	1540	5000	1
591	590	1978	0	98058	47.4432	-122.135	1680	8959	0
592	0	2013	0	98065	47.5184	-121.886	2850	6000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
589	0	1	#REF!	#REF!	#REF!
590	0	0	#REF!	#REF!	#REF!
591	1	1	#REF!	#REF!	#REF!
592	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
589	#REF!	#REF!	#REF!	239.48	1326.30
590	#REF!	#REF!	#REF!	-360.52	-1291.70
591	#REF!	#REF!	#REF!	139.48	1309.30
592	#REF!	#REF!	#REF!	899.48	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
589	-24.6367	57348.59	1759067.38	606.97	1817022.94	1347.97	2	797.17
590	-17.6367	129977.80	1668493.08	311.05	1798781.94	1341.19	2	1889.65
591	-5.6367	19453.46	1714262.24	31.77	1733747.47	1316.72	2	760.85
592	-41.6367	809056.45	884919.54	1733.62	1695709.61	1302.19	2	1726.14

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
593	3226049117	870	6126	77	1880.5243446	6940.701623	42.63670412	0.035870253
594	8062900030	1300	8099	38	1880.5243446	6940.701623	42.63670412	0.02272786
595	418000010	660	6509	63	1880.5243446	6940.701623	42.63670412	0.013812023
596	1543000060	3070	6432	8	1880.5243446	6940.701623	42.63670412	0.019005752

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
593	20150213T000000	387500	2	1	1	0	0	4	7	870
594	20140715T000000	275000	3	1.75	1	0	0	4	7	1080
595	20150422T000000	227450	2	1	1	0	0	4	5	660
596	20140607T000000	462000	4	2.5	2	0	0	3	9	3070

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
593	0	1938	0	98125	47.7024	-122.322	1620	6126	0
594	220	1976	0	98056	47.5026	-122.172	1270	8099	0
595	0	1952	0	98056	47.4938	-122.171	970	5713	0
596	0	2006	0	98055	47.4487	-122.205	2910	5106	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
593	0	0	#REF!	#REF!	#REF!
594	1	0	#REF!	#REF!	#REF!
595	0	0	#REF!	#REF!	#REF!
596	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
593	#REF!	#REF!	#REF!	-1010.52	-814.70
594	#REF!	#REF!	#REF!	-580.52	1158.30
595	#REF!	#REF!	#REF!	-1220.52	-431.70
596	#REF!	#REF!	#REF!	1189.48	-508.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
593	34.3633	1021159.45	663738.73	1180.84	1686079.02	1298.49	2	1726.05
594	-4.6367	337008.51	1341655.13	21.50	1678685.14	1295.64	2	864.72
595	20.3633	1489679.68	186366.29	414.66	1676460.63	1294.78	2	1600.25
596	-34.6367	1414852.33	258777.34	1199.70	1674829.38	1294.15	2	1567.28

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
597	2141330700	2350	8140	37	1880.5243446	6940.701623	42.63670412	0.042760896
598	1355000220	1200	8034	40	1880.5243446	6940.701623	42.63670412	0.00126119
599	4174600055	850	7710	105	1880.5243446	6940.701623	42.63670412	0.007084601
600	9264920620	2440	8098	31	1880.5243446	6940.701623	42.63670412	0.033607771

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
597	20140522T000000	555000	4	2.25	1	0	0	4	8	1430
598	20150119T000000	243000	3	1.75	1	0	0	5	7	1200
599	20140521T000000	360000	2	0.75	1	0	2	5	6	550
600	20141209T000000	330000	4	2.25	2	0	0	3	8	2440

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
597	920	1977	0	98006	47.5579	-122.129	2640	8700	0
598	0	1975	0	98031	47.4135	-122.18	1270	7600	0
599	300	1909	0	98108	47.5588	-122.301	2500	6022	0
600	0	1983	0	98023	47.3126	-122.346	2110	7911	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
597	1	1	#REF!	#REF!	#REF!
598	0	0	#REF!	#REF!	#REF!
599	1	0	#REF!	#REF!	#REF!
600	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
597	#REF!	#REF!	#REF!	469.48	1199.30
598	#REF!	#REF!	#REF!	-680.52	1093.30
599	#REF!	#REF!	#REF!	-1030.52	769.30
600	#REF!	#REF!	#REF!	559.48	1157.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
597	-5.6367	220407.39	1438316.60	31.77	1658755.76	1287.93	2	774.75
598	-2.6367	463113.38	1195301.34	6.95	1658421.68	1287.80	2	898.58
599	62.3633	1061980.42	591819.99	3889.18	1657689.60	1287.51	2	1092.60
600	-11.6367	313013.01	1339339.53	135.41	1652487.96	1285.49	2	795.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
601	626049102	2360	8116	99	1880.5243446	6940.701623	42.63670412	0.005823455
602	2329800430	1660	8188	27	1880.5243446	6940.701623	42.63670412	0.041343991
603	752000035	2650	7945	8	1880.5243446	6940.701623	42.63670412	0.032315476
604	369000365	680	6600	99	1880.5243446	6940.701623	42.63670412	0.028278356

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
601	20150324T000000	397950	4	1.75	1	0	0	4	7	1180
602	20150204T000000	254000	3	2.25	2	0	0	4	7	1660
603	20140520T000000	699000	4	2.5	2	0	0	3	9	2650
604	20150422T000000	510000	1	1	1	0	0	3	5	480

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
601	1180	1916	1970	98133	47.7635	-122.335	1670	8160	0
602	0	1988	0	98042	47.3766	-122.115	1660	7000	1
603	0	2006	0	98125	47.7113	-122.296	1200	7920	1
604	200	1916	0	98199	47.6567	-122.392	1170	5500	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
601	1	0	#REF!	#REF!	#REF!
602	0	0	#REF!	#REF!	#REF!
603	0	1	#REF!	#REF!	#REF!
604	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
601	#REF!	#REF!	#REF!	479.48	1175.30
602	#REF!	#REF!	#REF!	-220.52	1247.30
603	#REF!	#REF!	#REF!	769.48	1004.30
604	#REF!	#REF!	#REF!	-1200.52	-340.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
601	56.3633	229896.90	1381326.28	3176.82	1614400.00	1270.59	2	762.71
602	-15.6367	48630.99	1555753.24	244.51	1604628.73	1266.74	2	739.42
603	-34.6367	592092.78	1008615.23	1199.70	1601907.72	1265.66	2	858.17
604	56.3633	1441258.70	116077.60	3176.82	1560513.12	1249.20	2	1530.44

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
605	7787050180	3080	7282	7	1880.5243446	6940.701623	42.63670412	0.001449978
606	6380500135	880	7683	72	1880.5243446	6940.701623	42.63670412	0.027819719
607	1180005220	1070	6000	93	1880.5243446	6940.701623	42.63670412	0.018873897
608	2922701175	1940	5700	77	1880.5243446	6940.701623	42.63670412	0.020843047

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
605	20150128T000000	585000	3	2.75	2	0	0	3	9	3080
606	20140527T000000	326100	2	1	1	0	0	3	6	880
607	20150505T000000	225000	2	1	1	0	0	4	5	1070
608	20140919T000000	535000	2	1.5	1	0	0	3	7	970

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
605	0	2008	0	98059	47.4826	-122.149	3080	7274	1
606	0	1942	0	98177	47.7145	-122.361	1370	7695	0
607	0	1922	0	98178	47.495	-122.227	1910	6000	0
608	970	1937	0	98117	47.6881	-122.367	1250	5700	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
605	0	1	#REF!	#REF!	#REF!
606	0	0	#REF!	#REF!	#REF!
607	0	0	#REF!	#REF!	#REF!
608	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
605	#REF!	#REF!	#REF!	1199.48	341.30
606	#REF!	#REF!	#REF!	-1000.52	742.30
607	#REF!	#REF!	#REF!	-810.52	-940.70
608	#REF!	#REF!	#REF!	59.48	-1240.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
605	-35.6367	1438741.85	116484.58	1269.97	1556496.40	1247.60	2	1180.49
606	29.3633	1001048.96	551006.88	862.20	1552918.05	1246.16	2	1056.71
607	50.3633	656949.71	884919.54	2536.46	1544405.72	1242.74	2	1721.00
608	34.3633	3537.35	1539340.52	1180.84	1544058.71	1242.60	2	1796.27

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
609	9455200596	1450	8100	63	1880.5243446	6940.701623	42.63670412	0.030584203
610	3878900681	1040	6034	24	1880.5243446	6940.701623	42.63670412	0.043843145
611	6306800020	2716	7850	0	1880.5243446	6940.701623	42.63670412	0.044131825
612	3566800125	1250	5880	67	1880.5243446	6940.701623	42.63670412	0.007997611

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
609	20150114T000000	357500	3	1	1	0	0	3	6	1450
610	20150121T000000	272000	1	0.75	1	0	1	3	7	580
611	20141111T000000	452000	4	2.5	2	0	0	3	9	2716
612	20150330T000000	425000	2	1	1	0	0	3	6	900

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
609	0	1952	0	98125	47.7027	-122.289	1450	7800	0
610	460	1991	0	98178	47.5078	-122.251	1560	5650	0
611	0	2014	0	98030	47.352	-122.197	2580	14448	1
612	350	1948	0	98117	47.6908	-122.391	1520	5020	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
609	0	0	#REF!	#REF!	#REF!
610	1	0	#REF!	#REF!	#REF!
611	0	1	#REF!	#REF!	#REF!
612	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
609	#REF!	#REF!	#REF!	-430.52	1159.30
610	#REF!	#REF!	#REF!	-840.52	-906.70
611	#REF!	#REF!	#REF!	835.48	909.30
612	#REF!	#REF!	#REF!	-630.52	-1060.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
609	20.3633	185351.21	1343972.73	414.66	1529738.60	1236.83	2	765.47
610	-18.6367	706481.17	822107.83	347.33	1528936.33	1236.50	2	1706.16
611	-42.6367	698019.57	826823.54	1817.89	1526661.00	1235.58	2	872.66
612	24.3633	397560.95	1125087.93	593.57	1523242.45	1234.20	2	1749.24

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
613	1939120050	2460	8029	26	1880.5243446	6940.701623	42.63670412	0.035197587
614	9468200163	1780	5720	89	1880.5243446	6940.701623	42.63670412	0.027295503
615	4302201005	1560	5760	87	1880.5243446	6940.701623	42.63670412	0.017504554
616	7399300510	1500	8100	47	1880.5243446	6940.701623	42.63670412	0.028718483

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
613	20150303T000000	638250	4	2.5	2	0	0	3	9	2460
614	20140709T000000	680000	3	2	1	0	0	5	7	980
615	20141007T000000	353900	3	1.75	1	0	0	5	6	780
616	20150204T000000	294900	3	2.25	1	0	0	3	7	1210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
613	0	1989	0	98074	47.6262	-122.03	2420	7987	1
614	800	1925	0	98103	47.6794	-122.351	1620	5050	0
615	780	1927	0	98106	47.5272	-122.359	1320	7680	0
616	290	1968	0	98055	47.4632	-122.19	1600	7896	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
613	0	1	#REF!	#REF!	#REF!
614	1	0	#REF!	#REF!	#REF!
615	1	0	#REF!	#REF!	#REF!
616	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
613	#REF!	#REF!	#REF!	579.48	1088.30
614	#REF!	#REF!	#REF!	-100.52	-1220.70
615	#REF!	#REF!	#REF!	-320.52	-1180.70
616	#REF!	#REF!	#REF!	-380.52	1159.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
613	-16.6367	335792.04	1184393.36	276.78	1520462.17	1233.07	2	759.34
614	46.3633	10105.14	1490112.45	2149.56	1502367.15	1225.71	2	1781.91
615	44.3633	102735.86	1394056.32	1968.10	1498760.28	1224.24	2	1773.23
616	4.3633	144798.78	1343972.73	19.04	1488790.54	1220.16	2	735.59

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
617	8682320350	2150	5760	4	1880.5243446	6940.701623	42.63670412	0.003089184
618	9578090180	3070	7150	8	1880.5243446	6940.701623	42.63670412	0.017643153
619	3904960910	3050	7238	25	1880.5243446	6940.701623	42.63670412	0.033721028
620	8820901792	3040	7274	28	1880.5243446	6940.701623	42.63670412	0.036614443

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
617	20140709T000000	741500	2	2.5	1	0	0	3	8	2150
618	20150403T000000	850000	4	3	2	0	0	3	9	3070
619	20140917T000000	635000	4	2.5	2	0	0	3	8	3050
620	20140711T000000	640000	4	2.75	2	0	3	3	9	2320

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
617	0	2010	0	98053	47.7094	-122.018	1640	4680	0
618	0	2007	0	98052	47.7079	-122.107	3200	6984	1
619	0	1989	0	98029	47.5772	-122.013	2580	7228	1
620	720	1986	0	98125	47.7184	-122.28	2830	10080	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
617	0	1	#REF!	#REF!	#REF!
618	0	1	#REF!	#REF!	#REF!
619	0	1	#REF!	#REF!	#REF!
620	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
617	#REF!	#REF!	#REF!	269.48	-1180.70
618	#REF!	#REF!	#REF!	1189.48	209.30
619	#REF!	#REF!	#REF!	1169.48	297.30
620	#REF!	#REF!	#REF!	1159.48	333.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
617	-38.6367	72617.13	1394056.32	1492.79	1468166.25	1211.68	2	1751.48
618	-34.6367	1414852.33	43805.81	1199.70	1459857.85	1208.25	2	1201.77
619	-17.6367	1367673.31	88386.32	311.05	1456370.69	1206.80	2	1159.57
620	-14.6367	1344383.80	111087.81	214.23	1455685.84	1206.52	2	1142.25

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
621	9558200080	1660	8125	15	1880.5243446	6940.701623	42.63670412	0.042852069
622	3034200087	3010	7357	6	1880.5243446	6940.701623	42.63670412	0.039079004
623	8819901030	2390	8025	93	1880.5243446	6940.701623	42.63670412	0.003967566
624	809002675	1140	6000	106	1880.5243446	6940.701623	42.63670412	0.015132182

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
621	20140912T000000	295000	3	2.5	1	0	0	3	7	1150
622	20141212T000000	659950	5	3	2	0	0	3	9	3010
623	20141118T000000	810000	3	2	2	0	0	5	7	2390
624	20150413T000000	660000	3	2	1	0	0	3	7	1140

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
621	510	1999	0	98148	47.4373	-122.333	1250	8125	0
622	0	2008	0	98133	47.7226	-122.33	2370	8050	1
623	0	1921	0	98105	47.6707	-122.288	1920	5350	1
624	0	1909	0	98109	47.637	-122.355	1260	4000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
621	1	0	#REF!	#REF!	#REF!
622	0	1	#REF!	#REF!	#REF!
623	0	0	#REF!	#REF!	#REF!
624	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
621	#REF!	#REF!	#REF!	-220.52	1184.30
622	#REF!	#REF!	#REF!	1129.48	416.30
623	#REF!	#REF!	#REF!	509.48	1084.30
624	#REF!	#REF!	#REF!	-740.52	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
621	-27.6367	48630.99	1402562.65	763.79	1451957.42	1204.97	2	681.19
622	-36.6367	1275715.26	173304.34	1342.25	1450361.84	1204.31	2	1099.82
623	50.3633	259565.44	1175702.97	2536.46	1437804.88	1199.09	2	709.80
624	63.3633	548376.30	884919.54	4014.91	1437310.76	1198.88	2	1687.98

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
625	5126400230	720	7200	71	1880.5243446	6940.701623	42.63670412	0.006064591
626	2061100570	1910	5753	74	1880.5243446	6940.701623	42.63670412	0.006975647
627	4375700065	1440	8040	63	1880.5243446	6940.701623	42.63670412	0.025696391
628	7227800055	1750	8116	71	1880.5243446	6940.701623	42.63670412	0.010248057

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
625	20140524T000000	199000	2	1	1	0	0	5	6	720
626	20150210T000000	595000	3	1.75	1	0	3	3	8	1110
627	20140512T000000	315275	3	1.75	1	0	0	3	7	960
628	20141124T000000	247000	4	2	1	0	0	4	5	1750

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
625	0	1943	0	98058	47.4763	-122.177	970	8027	0
626	800	1941	0	98115	47.6898	-122.327	1630	5580	0
627	480	1951	0	98125	47.7128	-122.306	1500	8040	0
628	0	1943	0	98056	47.5097	-122.181	1440	7865	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
625	0	0	#REF!	#REF!	#REF!
626	1	1	#REF!	#REF!	#REF!
627	1	0	#REF!	#REF!	#REF!
628	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
625	#REF!	#REF!	#REF!	-1160.52	259.30
626	#REF!	#REF!	#REF!	29.48	-1187.70
627	#REF!	#REF!	#REF!	-440.52	1099.30
628	#REF!	#REF!	#REF!	-130.52	1175.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
625	28.3633	1346816.75	67235.65	804.48	1414856.88	1189.48	2	1235.85
626	31.3633	868.81	1410635.15	983.66	1412487.62	1188.48	2	1743.13
627	20.3633	194061.70	1208456.92	414.66	1402933.28	1184.45	2	725.63
628	28.3633	17036.60	1381326.28	804.48	1399167.36	1182.86	2	643.56

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
629	9265410090	1370	8006	24	1880.5243446	6940.701623	42.63670412	0.029923326
630	1332200110	2200	8065	16	1880.5243446	6940.701623	42.63670412	0.01759941
631	7625702400	960	6250	98	1880.5243446	6940.701623	42.63670412	0.017399555
632	3971700940	1430	8000	66	1880.5243446	6940.701623	42.63670412	0.021133837

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
629	20141008T000000	160000	3	1.75	2	0	0	3	7	1370
630	20140708T000000	300000	4	2.5	2	0	0	3	7	2200
631	20140730T000000	355000	2	1	1	0	0	3	6	960
632	20140930T000000	330000	3	1.5	1	0	0	5	7	1430

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
629	0	1990	0	98001	47.258	-122.252	1530	8006	1
630	0	1998	0	98031	47.4042	-122.213	2641	8535	1
631	0	1916	0	98136	47.5491	-122.386	1350	6250	0
632	0	1948	0	98155	47.772	-122.322	1410	9820	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
629	0	0	#REF!	#REF!	#REF!
630	0	0	#REF!	#REF!	#REF!
631	0	0	#REF!	#REF!	#REF!
632	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
629	#REF!	#REF!	#REF!	-510.52	1065.30
630	#REF!	#REF!	#REF!	319.48	1124.30
631	#REF!	#REF!	#REF!	-920.52	-690.70
632	#REF!	#REF!	#REF!	-450.52	1059.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
629	-18.6367	260635.11	1134860.63	347.33	1395843.07	1181.46	2	750.12
630	-26.6367	102064.69	1264046.84	709.51	1366821.05	1169.11	2	635.06
631	55.3633	847365.07	477068.73	3065.09	1327498.90	1152.17	2	1573.52
632	23.3633	202972.19	1122113.05	545.84	1325631.08	1151.36	2	703.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
633	1220000100	970	7639	95	1880.5243446	6940.701623	42.63670412	0.018852778
634	5147600095	1070	7754	62	1880.5243446	6940.701623	42.63670412	0.023357389
635	3885805325	2090	8064	47	1880.5243446	6940.701623	42.63670412	0.020682022
636	5126300650	2950	6545	12	1880.5243446	6940.701623	42.63670412	0.010464449

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
633	20150504T000000	215000	1	1	1	0	0	4	5	570
634	20150121T000000	152000	3	1.75	1	0	0	3	6	1070
635	20140731T000000	710000	4	2.75	2	0	0	5	7	2090
636	20150225T000000	482000	3	2.5	2	0	0	3	8	2950

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
633	400	1920	0	98166	47.4655	-122.346	1360	7380	0
634	0	1953	0	98146	47.5079	-122.344	950	7740	0
635	0	1967	0	98033	47.6829	-122.195	1460	8400	1
636	0	2003	0	98059	47.4828	-122.139	2400	6550	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
633	1	0	#REF!	#REF!	#REF!
634	0	0	#REF!	#REF!	#REF!
635	0	0	#REF!	#REF!	#REF!
636	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
633	#REF!	#REF!	#REF!	-910.52	698.30
634	#REF!	#REF!	#REF!	-810.52	813.30
635	#REF!	#REF!	#REF!	209.48	1123.30
636	#REF!	#REF!	#REF!	1069.48	-395.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
633	52.3633	829054.58	487620.62	2741.91	1319417.12	1148.66	2	961.74
634	19.3633	656949.71	661454.25	374.94	1318778.90	1148.38	2	888.16
635	4.3633	43880.05	1261799.24	19.04	1305698.33	1142.67	2	593.19
636	-30.6367	1143778.18	156579.77	938.61	1301296.56	1140.74	2	1402.41

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
637	6403510130	2990	7200	17	1880.5243446	6940.701623	42.63670412	0.02898904
638	537000075	2300	8000	49	1880.5243446	6940.701623	42.63670412	0.006490242
639	7549801565	1190	7840	96	1880.5243446	6940.701623	42.63670412	0.000114746
640	9306500200	2500	6000	3	1880.5243446	6940.701623	42.63670412	0.024003382

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
637	20141114T000000	490000	5	2.75	2	0	0	3	8	2990
638	20140811T000000	420000	3	2.75	1	0	0	3	7	1430
639	20141219T000000	311000	3	2	1.5	0	0	4	6	1190
640	20150401T000000	432500	3	3	2	0	0	3	8	2500

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
637	0	1997	0	98059	47.4955	-122.16	2710	7620	1
638	870	1965	0	98003	47.3293	-122.306	2070	10200	0
639	0	1918	0	98108	47.5531	-122.312	1460	3240	1
640	0	2012	0	98058	47.4408	-122.161	2130	6000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
637	0	1	#REF!	#REF!	#REF!
638	1	0	#REF!	#REF!	#REF!
639	0	0	#REF!	#REF!	#REF!
640	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
637	#REF!	#REF!	#REF!	1109.48	259.30
638	#REF!	#REF!	#REF!	419.48	1059.30
639	#REF!	#REF!	#REF!	-690.52	899.30
640	#REF!	#REF!	#REF!	619.48	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
637	-25.6367	1230936.23	67235.65	657.24	1298829.12	1139.66	2	1110.83
638	6.3633	175959.83	1122113.05	40.49	1298113.37	1139.35	2	631.61
639	53.3633	476823.87	808737.57	2847.64	1288409.08	1135.08	2	808.45
640	-39.6367	383750.09	884919.54	1571.07	1270240.70	1127.05	2	1604.98

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
641	2113700620	2500	6000	73	1880.5243446	6940.701623	42.63670412	0.031184266
642	1432400060	950	7560	56	1880.5243446	6940.701623	42.63670412	0.033853121
643	2771604640	2470	6000	75	1880.5243446	6940.701623	42.63670412	0.017610248
644	2112700600	1640	5880	38	1880.5243446	6940.701623	42.63670412	0.023799142

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
641	20140804T000000	417000	3	1.5	1.5	0	0	5	7	1730
642	20140529T000000	230000	2	1	1	0	0	3	6	950
643	20150313T000000	700000	4	1.5	1.5	0	0	3	7	1480
644	20150513T000000	415000	3	2.25	1	0	0	3	7	1240

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
641	770	1941	1984	98106	47.5297	-122.354	1340	5000	1
642	0	1958	0	98058	47.4499	-122.176	1160	7560	0
643	990	1940	0	98199	47.6365	-122.391	2140	4000	1
644	400	1977	0	98106	47.5323	-122.351	1200	4760	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
641	1	0	#REF!	#REF!	#REF!
642	0	0	#REF!	#REF!	#REF!
643	1	0	#REF!	#REF!	#REF!
644	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
641	#REF!	#REF!	#REF!	619.48	-940.70
642	#REF!	#REF!	#REF!	-930.52	619.30
643	#REF!	#REF!	#REF!	589.48	-940.70
644	#REF!	#REF!	#REF!	-240.52	-1060.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
641	30.3633	383750.09	884919.54	921.93	1269591.56	1126.76	2	1604.77
642	13.3633	865875.56	383530.48	178.58	1249584.61	1117.85	2	971.80
643	32.3633	347481.55	884919.54	1047.38	1233448.47	1110.61	2	1594.20
644	-4.6367	57851.96	1125087.93	21.50	1182961.39	1087.64	2	1639.85

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
645	4217400420	1340	6000	87	1880.5243446	6940.701623	42.63670412	0.044011876
646	1853080730	2960	6856	5	1880.5243446	6940.701623	42.63670412	0.042428073
647	7896300070	1290	6034	65	1880.5243446	6940.701623	42.63670412	0.008735304
648	8864000970	1360	6000	70	1880.5243446	6940.701623	42.63670412	0.003697213

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
645	20141124T000000	907000	3	1.5	1.5	0	1	3	9	1340
646	20141210T000000	835000	3	2.5	2	0	0	3	10	2960
647	20150501T000000	265000	4	1	1	0	0	3	6	1050
648	20141204T000000	273500	4	1	1	0	0	4	6	1020

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
645	0	1927	0	98105	47.66	-122.282	2600	6000	1
646	0	2009	0	98074	47.5906	-122.057	3320	6856	1
647	240	1950	0	98118	47.5223	-122.286	1060	6034	0
648	340	1944	0	98168	47.4783	-122.285	1230	6000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
645	0	1	#REF!	#REF!	#REF!
646	0	1	#REF!	#REF!	#REF!
647	1	0	#REF!	#REF!	#REF!
648	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
645	#REF!	#REF!	#REF!	-540.52	-940.70
646	#REF!	#REF!	#REF!	1079.48	-84.70
647	#REF!	#REF!	#REF!	-590.52	-906.70
648	#REF!	#REF!	#REF!	-520.52	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
645	44.3633	292166.57	884919.54	1968.10	1179054.21	1085.84	2	1604.80
646	-37.6367	1165267.69	7174.36	1416.52	1173858.58	1083.45	2	1221.99
647	22.3633	348719.00	822107.83	500.12	1171326.95	1082.28	2	1591.80
648	27.3633	270945.59	884919.54	748.75	1156613.89	1075.46	2	1597.31

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
649	3598600049	840	7203	66	1880.5243446	6940.701623	42.63670412	0.025688317
650	4123800330	1870	5876	29	1880.5243446	6940.701623	42.63670412	0.036384626
651	5468780020	2210	5929	11	1880.5243446	6940.701623	42.63670412	0.015824543
652	2412600030	2180	7956	34	1880.5243446	6940.701623	42.63670412	0.003673314

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
649	20150424T000000	224000	1	0.75	1.5	0	0	3	6	840
650	20150501T000000	335000	3	2.25	2	0	0	3	7	1870
651	20150326T000000	330000	4	2.5	2	0	0	3	8	2210
652	20140623T000000	235000	6	3	2	0	0	3	7	2180

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
649	0	1949	0	98168	47.4756	-122.301	1560	8603	1
650	0	1986	0	98038	47.3779	-122.045	1670	6203	1
651	0	2004	0	98042	47.35	-122.139	2200	5901	1
652	0	1980	0	98003	47.3054	-122.305	2214	7684	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
649	0	0	#REF!	#REF!	#REF!
650	0	0	#REF!	#REF!	#REF!
651	0	1	#REF!	#REF!	#REF!
652	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
649	#REF!	#REF!	#REF!	-1040.52	262.30
650	#REF!	#REF!	#REF!	-10.52	-1064.70
651	#REF!	#REF!	#REF!	329.48	-1011.70
652	#REF!	#REF!	#REF!	299.48	1015.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
649	23.3633	1082690.91	68800.44	545.84	1152037.19	1073.33	2	1118.84
650	-13.6367	110.76	1133589.55	185.96	1133886.27	1064.84	2	1620.65
651	-31.6367	108554.21	1023540.17	1000.88	1133095.26	1064.47	2	1593.83
652	-8.6367	89685.67	1030830.79	74.59	1120591.06	1058.58	2	528.82

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
653	9477000280	1630	7969	37	1880.5243446	6940.701623	42.63670412	0.006862229
654	5635100080	2542	6120	0	1880.5243446	6940.701623	42.63670412	0.018603989
655	8682220230	2680	7625	12	1880.5243446	6940.701623	42.63670412	0.041919537
656	2826049023	1880	7989	32	1880.5243446	6940.701623	42.63670412	0.04217293

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
653	20140807T000000	412500	4	2.25	1	0	0	3	7	1100
654	20141031T000000	359950	4	2.5	2	0	0	3	8	2542
655	20141017T000000	779950	2	2.5	1	0	0	3	9	2680
656	20140729T000000	440000	3	2.25	1	0	0	3	7	1280

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
653	530	1977	0	98034	47.7336	-122.19	1580	7440	0
654	0	2014	0	98030	47.3751	-122.188	2419	8984	1
655	0	2002	0	98053	47.7094	-122.024	2310	7395	0
656	600	1982	0	98125	47.7077	-122.299	1820	7414	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
653	1	0	#REF!	#REF!	#REF!
654	0	1	#REF!	#REF!	#REF!
655	0	1	#REF!	#REF!	#REF!
656	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
653	#REF!	#REF!	#REF!	-250.52	1028.30
654	#REF!	#REF!	#REF!	661.48	-820.70
655	#REF!	#REF!	#REF!	799.48	684.30
656	#REF!	#REF!	#REF!	-0.52	1048.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
653	-5.6367	62762.45	1057397.55	31.77	1120191.77	1058.39	2	554.79
654	-42.6367	437550.04	673551.15	1817.89	1112919.09	1054.95	2	1510.67
655	-30.6367	639161.32	468264.27	938.61	1108364.20	1052.79	2	771.91
656	-10.6367	0.27	1098929.49	113.14	1099042.90	1048.35	2	494.88

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
657	5423500240	1050	7577	31	1880.5243446	6940.701623	42.63670412	0.013699394
658	7853300290	2570	6157	9	1880.5243446	6940.701623	42.63670412	0.002541789
659	3055800020	1530	7920	60	1880.5243446	6940.701623	42.63670412	0.033763717
660	3918400143	2750	7500	48	1880.5243446	6940.701623	42.63670412	0.000165669

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
657	20140624T000000	194000	3	1	1	0	0	3	7	1050
658	20150324T000000	490000	4	2.5	2	0	0	3	7	2570
659	20150310T000000	419950	4	1	1	0	0	3	7	1030
660	20141016T000000	710000	4	3	1	0	0	5	8	1630

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
657	0	1983	0	98023	47.2891	-122.357	1430	7245	0
658	0	2006	0	98065	47.5389	-121.89	2060	5292	1
659	500	1955	0	98166	47.4544	-122.36	1690	7920	0
660	1120	1966	0	98177	47.7134	-122.361	2440	7500	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
657	0	0	#REF!	#REF!	#REF!
658	0	0	#REF!	#REF!	#REF!
659	1	0	#REF!	#REF!	#REF!
660	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
657	#REF!	#REF!	#REF!	-830.52	636.30
658	#REF!	#REF!	#REF!	689.48	-783.70
659	#REF!	#REF!	#REF!	-350.52	979.30
660	#REF!	#REF!	#REF!	869.48	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
657	-11.6367	689770.69	404875.62	135.41	1094781.72	1046.32	2	873.45
658	-33.6367	475376.68	614188.23	1131.43	1090696.34	1044.36	2	1488.84
659	17.3633	122867.32	959025.31	301.48	1082194.11	1040.29	2	576.19
660	5.3633	755987.92	312814.67	28.76	1068831.35	1033.84	2	830.43

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
661	6150200375	860	6800	71	1880.5243446	6940.701623	42.63670412	0.042210332
662	3629000080	960	7400	53	1880.5243446	6940.701623	42.63670412	0.041165736
663	9315300260	1100	7600	34	1880.5243446	6940.701623	42.63670412	0.026451529
664	4137070830	2190	7904	20	1880.5243446	6940.701623	42.63670412	0.020730264

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
661	20141001T000000	227000	2	1	1	0	0	3	6	860
662	20150410T000000	237000	3	1.5	1	0	0	3	7	960
663	20140521T000000	189650	2	1.75	1	0	0	3	6	1100
664	20150213T000000	269100	3	2.5	2	0	0	3	8	2190

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
661	0	1943	0	98133	47.7274	-122.337	1220	6800	0
662	0	1962	0	98198	47.3798	-122.306	1640	8060	0
663	0	1980	0	98198	47.4136	-122.318	1230	7350	0
664	0	1995	0	98092	47.2617	-122.21	2190	7669	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
661	0	0	#REF!	#REF!	#REF!
662	0	0	#REF!	#REF!	#REF!
663	0	0	#REF!	#REF!	#REF!
664	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
661	#REF!	#REF!	#REF!	-1020.52	-140.70
662	#REF!	#REF!	#REF!	-920.52	459.30
663	#REF!	#REF!	#REF!	-780.52	659.30
664	#REF!	#REF!	#REF!	309.48	963.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
661	28.3633	1041469.94	19796.95	804.48	1062071.36	1030.57	2	1267.96
662	10.3633	847365.07	210955.00	107.40	1058427.47	1028.80	2	964.42
663	-8.6367	609218.25	434674.35	74.59	1043967.20	1021.75	2	826.23
664	-22.6367	95775.18	927943.76	512.42	1024231.36	1012.04	2	490.15

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
665	2025700130	1510	6000	22	1880.5243446	6940.701623	42.63670412	0.008606321
666	7935000125	1050	7500	114	1880.5243446	6940.701623	42.63670412	0.00339906
667	4250200140	1890	5954	11	1880.5243446	6940.701623	42.63670412	0.035709793
668	1562200040	2180	6000	49	1880.5243446	6940.701623	42.63670412	0.003586733

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
665	20150129T000000	269950	3	2.25	1	0	0	4	7	1150
666	20140605T000000	440000	3	1	1	0	0	3	6	1050
667	20150219T000000	298500	4	2.5	2	0	0	3	7	1890
668	20150407T000000	635000	5	2.25	1	0	0	4	8	1430

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
665	360	1993	0	98038	47.3484	-122.036	1510	6000	0
666	0	1900	0	98136	47.5473	-122.396	1380	7500	0
667	0	2004	0	98092	47.3293	-122.194	2030	5880	1
668	750	1966	0	98007	47.6235	-122.143	2160	8800	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
665	1	0	#REF!	#REF!	#REF!
666	0	0	#REF!	#REF!	#REF!
667	0	0	#REF!	#REF!	#REF!
668	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
665	#REF!	#REF!	#REF!	-370.52	-940.70
666	#REF!	#REF!	#REF!	-830.52	559.30
667	#REF!	#REF!	#REF!	9.48	-986.70
668	#REF!	#REF!	#REF!	299.48	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
665	-20.6367	137288.29	884919.54	425.87	1022633.71	1011.25	2	1551.03
666	71.3633	689770.69	312814.67	5092.72	1007678.08	1003.83	2	872.51
667	-31.6367	89.79	973580.09	1000.88	974670.76	987.25	2	1542.44
668	6.3633	89685.67	884919.54	40.49	974645.70	987.24	2	1518.34

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
669	9476200020	1010	7384	72	1880.5243446	6940.701623	42.63670412	0.0411027
670	1446400725	970	6600	49	1880.5243446	6940.701623	42.63670412	0.036625989
671	3990000050	2670	7500	48	1880.5243446	6940.701623	42.63670412	0.03524948
672	1189001180	1660	6000	35	1880.5243446	6940.701623	42.63670412	0.034162749

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
669	20150306T000000	254000	3	1	1	0	2	5	6	1010
670	20140610T000000	165000	3	1	1	0	0	3	7	970
671	20140616T000000	465000	3	2.25	1	0	0	4	7	1640
672	20140603T000000	425000	3	2.25	1	0	0	3	7	1110

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
669	0	1943	0	98056	47.4905	-122.191	1010	8000	0
670	0	1965	0	98168	47.4836	-122.332	1200	6600	0
671	1030	1966	0	98166	47.4608	-122.354	1970	9598	0
672	550	1979	0	98122	47.6113	-122.297	1440	4080	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
669	0	0	#REF!	#REF!	#REF!
670	0	0	#REF!	#REF!	#REF!
671	1	0	#REF!	#REF!	#REF!
672	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
669	#REF!	#REF!	#REF!	-870.52	443.30
670	#REF!	#REF!	#REF!	-910.52	-340.70
671	#REF!	#REF!	#REF!	789.48	559.30
672	#REF!	#REF!	#REF!	-220.52	-940.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
669	29.3633	757812.63	196513.45	862.20	955188.29	977.34	2	916.91
670	6.3633	829054.58	116077.60	40.49	945172.67	972.20	2	1305.48
671	5.3633	623271.81	312814.67	28.76	936115.25	967.53	2	750.44
672	-7.6367	48630.99	884919.54	58.32	933608.85	966.23	2	1518.21

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
673	9422400035	2090	6000	96	1880.5243446	6940.701623	42.63670412	0.031191839
674	1328330350	1320	7725	37	1880.5243446	6940.701623	42.63670412	0.040413642
675	142000175	2240	6050	64	1880.5243446	6940.701623	42.63670412	0.042661722
676	3626039279	960	6700	63	1880.5243446	6940.701623	42.63670412	0.004041024

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
673	20140912T000000	477500	2	2	2	0	1	3	7	2090
674	20150213T000000	390000	3	1.75	1	0	0	3	8	1320
675	20140822T000000	625000	3	1.75	1	0	0	4	8	1250
676	20140805T000000	395000	2	1	1	0	0	3	7	960

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
673	0	1918	1985	98116	47.5732	-122.413	1600	5400	1
674	0	1978	0	98058	47.4425	-122.133	2020	7210	0
675	990	1950	0	98116	47.5658	-122.4	1720	6050	0
676	0	1951	0	98103	47.6955	-122.357	1350	6700	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
673	0	0	#REF!	#REF!	#REF!
674	0	1	#REF!	#REF!	#REF!
675	1	1	#REF!	#REF!	#REF!
676	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
673	#REF!	#REF!	#REF!	209.48	-940.70
674	#REF!	#REF!	#REF!	-560.52	784.30
675	#REF!	#REF!	#REF!	359.48	-890.70
676	#REF!	#REF!	#REF!	-920.52	-240.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
673	53.3633	43880.05	884919.54	2847.64	931647.24	965.22	2	1506.44
674	-5.6367	314187.54	615123.94	31.77	929343.26	964.02	2	641.92
675	21.3633	129222.75	793349.38	456.39	923028.52	960.74	2	1481.06
676	20.3633	847365.07	57937.27	414.66	905717.00	951.69	2	1246.82

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
677	23500180	2010	6000	39	1880.5243446	6940.701623	42.63670412	0.026966579
678	2044500142	1770	6000	62	1880.5243446	6940.701623	42.63670412	0.044369736
679	582000644	1990	6000	59	1880.5243446	6940.701623	42.63670412	0.020497627
680	4222500020	1490	7800	52	1880.5243446	6940.701623	42.63670412	0.016438397

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
677	20140505T000000	570000	3	2.25	1	0	0	3	8	1330
678	20140902T000000	420000	3	1.75	1	0	0	3	7	1130
679	20150501T000000	872500	4	2	1	0	0	3	9	1260
680	20150219T000000	256400	3	1.5	1	0	0	3	7	1010

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
677	680	1975	0	98052	47.6912	-122.115	2080	8260	0
678	640	1952	0	98125	47.7135	-122.315	1900	7200	0
679	730	1956	2015	98199	47.6515	-122.397	1770	6000	0
680	480	1963	0	98003	47.3431	-122.304	1570	7800	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
677	1	1	#REF!	#REF!	#REF!
678	1	0	#REF!	#REF!	#REF!
679	1	1	#REF!	#REF!	#REF!
680	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
677	#REF!	#REF!	#REF!	129.48	-940.70
678	#REF!	#REF!	#REF!	-110.52	-940.70
679	#REF!	#REF!	#REF!	109.48	-940.70
680	#REF!	#REF!	#REF!	-390.52	859.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
677	-3.6367	16763.95	884919.54	13.23	901696.71	949.58	2	1498.56
678	19.3633	12215.63	884919.54	374.94	897510.11	947.37	2	1503.41
679	16.3633	11984.92	884919.54	267.76	897172.22	947.19	2	1497.57
680	9.3633	152509.26	738393.70	87.67	890990.64	943.92	2	526.46

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
681	2770604575	1930	6000	59	1880.5243446	6940.701623	42.63670412	0.043943796
682	7812801925	1850	6000	70	1880.5243446	6940.701623	42.63670412	0.038759142
683	7691800130	2790	6720	12	1880.5243446	6940.701623	42.63670412	0.008333239
684	7812801125	1110	6411	71	1880.5243446	6940.701623	42.63670412	0.036253885

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
681	20150506T000000	560000	3	1.75	1	0	0	3	8	1130
682	20140624T000000	230000	4	1.75	1	0	0	4	6	1270
683	20140826T000000	650000	3	2.5	2	0	0	3	8	2790
684	20150112T000000	222900	2	1	1	0	0	3	6	1110

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
681	800	1956	0	98119	47.6516	-122.375	1870	6000	0
682	580	1944	0	98178	47.4923	-122.247	1270	6600	0
683	0	2002	0	98075	47.5958	-122.038	2620	6720	1
684	0	1944	0	98178	47.4962	-122.242	1150	6504	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
681	1	1	#REF!	#REF!	#REF!
682	1	0	#REF!	#REF!	#REF!
683	0	1	#REF!	#REF!	#REF!
684	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
681	#REF!	#REF!	#REF!	49.48	-940.70
682	#REF!	#REF!	#REF!	-30.52	-940.70
683	#REF!	#REF!	#REF!	909.48	-220.70
684	#REF!	#REF!	#REF!	-770.52	-529.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
681	16.3633	2447.84	884919.54	267.76	887635.14	942.14	2	1495.95
682	27.3633	931.74	884919.54	748.75	886600.03	941.59	2	1497.69
683	-30.6367	827145.97	48709.21	938.61	876793.78	936.37	2	1166.39
684	28.3633	593707.77	280583.81	804.48	875096.05	935.47	2	1353.92

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
685	1545804510	2180	7813	28	1880.5243446	6940.701623	42.63670412	0.044116094
686	5104511840	2800	6977	11	1880.5243446	6940.701623	42.63670412	0.030946387
687	5727500561	1360	6186	74	1880.5243446	6940.701623	42.63670412	0.039585025
688	1446800710	1140	6400	53	1880.5243446	6940.701623	42.63670412	0.027333796

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
685	20140512T000000	302000	5	2.25	2	0	0	3	7	2180
686	20140827T000000	449950	4	3	2	0	0	3	8	2800
687	20150414T000000	255544	3	1	1.5	0	0	4	6	760
688	20150227T000000	309000	3	1	1	0	0	3	7	1140

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
685	0	1986	0	98038	47.3651	-122.051	1880	8649	1
686	0	2003	0	98038	47.3542	-122.014	2800	6600	1
687	600	1941	0	98133	47.7503	-122.334	1610	7453	1
688	0	1962	0	98168	47.4902	-122.331	1340	6650	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
685	0	0	#REF!	#REF!	#REF!
686	0	1	#REF!	#REF!	#REF!
687	1	0	#REF!	#REF!	#REF!
688	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
685	#REF!	#REF!	#REF!	299.48	872.30
686	#REF!	#REF!	#REF!	919.48	36.30
687	#REF!	#REF!	#REF!	-520.52	-754.70
688	#REF!	#REF!	#REF!	-740.52	-540.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
685	-14.6367	89685.67	760904.46	214.23	850804.36	922.39	2	410.64
686	-31.6367	845435.48	1317.57	1000.88	847753.93	920.74	2	1022.40
687	31.3633	270945.59	569574.54	983.66	841503.79	917.34	2	1424.70
688	10.3633	548376.30	292358.25	107.40	840841.95	916.97	2	1344.88

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
689	6300000320	1240	7590	75	1880.5243446	6940.701623	42.63670412	0.001373604
690	3574801110	2360	7716	36	1880.5243446	6940.701623	42.63670412	0.024027727
691	2896000510	2120	7820	39	1880.5243446	6940.701623	42.63670412	0.026090424
692	2755200040	1290	6272	92	1880.5243446	6940.701623	42.63670412	0.042633569

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
689	20140821T000000	359950	2	1	1	0	0	4	7	1040
690	20141125T000000	405000	4	2.75	1	0	0	3	7	1390
691	20140821T000000	490000	4	2.5	1	0	0	3	8	1280
692	20140712T000000	492000	2	1	1	0	0	4	6	890

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
689	200	1939	0	98133	47.7061	-122.34	1190	5692	0
690	970	1978	0	98034	47.7301	-122.223	2160	8794	0
691	840	1975	0	98052	47.6743	-122.145	2350	8605	0
692	400	1922	0	98115	47.6777	-122.305	1260	5376	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
689	1	0	#REF!	#REF!	#REF!
690	1	0	#REF!	#REF!	#REF!
691	1	1	#REF!	#REF!	#REF!
692	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
689	#REF!	#REF!	#REF!	-640.52	649.30
690	#REF!	#REF!	#REF!	479.48	775.30
691	#REF!	#REF!	#REF!	239.48	879.30
692	#REF!	#REF!	#REF!	-590.52	-668.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
689	32.3633	410271.44	421588.38	1047.38	832907.20	912.64	2	686.84
690	-6.6367	229896.90	601087.57	44.05	831028.52	911.61	2	492.42
691	-3.6367	57348.59	773165.64	13.23	830527.45	911.33	2	381.14
692	49.3633	348719.00	447161.86	2436.73	798317.60	893.49	2	1377.16

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
693	3946900010	1820	6050	65	1880.5243446	6940.701623	42.63670412	0.028741455
694	6384500590	1530	6125	56	1880.5243446	6940.701623	42.63670412	0.012551032
695	5381000477	2560	7492	1	1880.5243446	6940.701623	42.63670412	0.021103339
696	2354300550	1210	7500	64	1880.5243446	6940.701623	42.63670412	0.008770925

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
693	20150323T000000	500007	2	1.75	1	0	0	3	7	910
694	20141113T000000	526000	3	1.75	1	0	0	3	7	1120
695	20150128T000000	399500	4	2.5	2	0	0	3	8	2560
696	20150302T000000	460000	3	1.75	1	0	0	3	7	1210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
693	910	1950	0	98115	47.6928	-122.323	1730	6050	0
694	410	1958	0	98116	47.5687	-122.397	1360	6125	0
695	0	2014	0	98188	47.4467	-122.287	1260	11541	1
696	0	1951	0	98027	47.5294	-122.033	1250	6000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
693	1	0	#REF!	#REF!	#REF!
694	1	0	#REF!	#REF!	#REF!
695	0	1	#REF!	#REF!	#REF!
696	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
693	#REF!	#REF!	#REF!	-60.52	-890.70
694	#REF!	#REF!	#REF!	-350.52	-815.70
695	#REF!	#REF!	#REF!	679.48	551.30
696	#REF!	#REF!	#REF!	-670.52	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
693	22.3633	3663.20	793349.38	500.12	797512.69	893.04	2	1449.42
694	13.3633	122867.32	665369.14	178.58	788415.03	887.93	2	1425.18
695	-41.6367	461687.17	303929.90	1733.62	767350.68	875.99	2	641.78
696	21.3633	449602.90	312814.67	456.39	762873.96	873.43	2	709.92

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
697	7853321260	2550	6382	7	1880.5243446	6940.701623	42.63670412	0.026191417
698	9423400193	1050	7200	29	1880.5243446	6940.701623	42.63670412	0.013894105
699	9460000110	2630	6500	56	1880.5243446	6940.701623	42.63670412	0.016678634
700	1214000080	1750	7800	58	1880.5243446	6940.701623	42.63670412	0.009222525

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
697	20140908T000000	492000	4	2.5	2	0	0	3	7	2550
698	20141226T000000	473000	3	2.75	1	0	0	3	7	1050
699	20140924T000000	280000	3	1.75	1	0	0	3	7	1330
700	20140626T000000	329950	3	1	1	0	0	4	7	1150

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
697	0	2007	0	98065	47.5202	-121.87	2430	5900	1
698	0	1985	0	98125	47.7163	-122.303	1860	9000	0
699	1300	1958	0	98055	47.4878	-122.221	2520	6500	0
700	600	1956	0	98166	47.4596	-122.343	1750	7560	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
697	0	0	#REF!	#REF!	#REF!
698	0	0	#REF!	#REF!	#REF!
699	1	0	#REF!	#REF!	#REF!
700	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
697	#REF!	#REF!	#REF!	669.48	-558.70
698	#REF!	#REF!	#REF!	-830.52	259.30
699	#REF!	#REF!	#REF!	749.48	-440.70
700	#REF!	#REF!	#REF!	-130.52	859.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
697	-35.6367	448197.65	312147.50	1269.97	761615.13	872.71	2	1280.36
698	-13.6367	689770.69	67235.65	185.96	757192.29	870.17	2	918.64
699	13.3633	561713.76	194217.92	178.58	756110.26	869.55	2	1223.33
700	15.3633	17036.60	738393.70	236.03	755666.34	869.29	2	348.59

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
701	6413600285	1580	6127	67	1880.5243446	6940.701623	42.63670412	0.022600363
702	103400160	1590	7748	23	1880.5243446	6940.701623	42.63670412	0.008789975
703	3574801490	1230	7500	27	1880.5243446	6940.701623	42.63670412	0.011472319
704	1769600147	2260	7701	14	1880.5243446	6940.701623	42.63670412	0.008787955

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
701	20140825T000000	402000	3	1.75	1.5	0	0	5	7	1580
702	20140515T000000	263000	3	2.25	2	0	0	4	7	1590
703	20140609T000000	385000	3	1.75	1	0	0	3	7	1230
704	20140731T000000	477590	3	3.25	2	0	0	3	8	1760

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
701	0	1947	0	98125	47.7192	-122.32	1500	6128	1
702	0	1991	0	98003	47.2857	-122.3	1590	7606	1
703	0	1987	0	98034	47.7316	-122.224	1930	8747	0
704	500	2000	0	98146	47.5053	-122.377	1880	7529	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
701	0	0	#REF!	#REF!	#REF!
702	0	0	#REF!	#REF!	#REF!
703	0	0	#REF!	#REF!	#REF!
704	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
701	#REF!	#REF!	#REF!	-300.52	-813.70
702	#REF!	#REF!	#REF!	-290.52	807.30
703	#REF!	#REF!	#REF!	-650.52	559.30
704	#REF!	#REF!	#REF!	379.48	760.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
701	24.3633	90314.88	662110.33	593.57	753018.78	867.77	2	1410.53
702	-19.6367	84404.39	651730.67	385.60	736520.66	858.21	2	415.47
703	-15.6367	423181.92	312814.67	244.51	736241.10	858.04	2	689.79
704	-28.6367	144001.77	578053.62	820.06	722875.46	850.22	2	398.50

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
705	8078410210	2170	7737	27	1880.5243446	6940.701623	42.63670412	0.018065063
706	7454001210	1040	6860	72	1880.5243446	6940.701623	42.63670412	0.011930145
707	8961800035	1190	7408	73	1880.5243446	6940.701623	42.63670412	0.01908522
708	3575302759	1270	7500	32	1880.5243446	6940.701623	42.63670412	0.016049634

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
705	20140616T000000	566000	4	2.25	2	0	0	3	8	2170
706	20140603T000000	239000	3	1	2	0	0	3	6	1040
707	20140605T000000	229000	2	1	1	0	0	3	6	830
708	20140806T000000	365000	2	1.75	1	0	0	4	7	1270

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
705	0	1987	0	98074	47.637	-122.029	1850	8869	1
706	0	1942	0	98146	47.5121	-122.375	1030	6512	1
707	360	1941	0	98168	47.5094	-122.31	1140	7408	0
708	0	1982	0	98074	47.6186	-122.063	1280	7500	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
705	0	1	#REF!	#REF!	#REF!
706	0	0	#REF!	#REF!	#REF!
707	1	0	#REF!	#REF!	#REF!
708	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
705	#REF!	#REF!	#REF!	289.48	796.30
706	#REF!	#REF!	#REF!	-840.52	-80.70
707	#REF!	#REF!	#REF!	-690.52	467.30
708	#REF!	#REF!	#REF!	-610.52	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
705	-15.6367	83796.16	634091.11	244.51	718131.77	847.43	2	348.02
706	29.3633	706481.17	6512.75	862.20	713856.13	844.90	2	1085.73
707	30.3633	476823.87	218367.77	921.93	696113.57	834.33	2	735.48
708	-10.6367	372739.98	312814.67	113.14	685667.79	828.05	2	649.70

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
709	579000550	1080	6760	91	1880.5243446	6940.701623	42.63670412	0.030988975
710	3438500798	1060	6954	31	1880.5243446	6940.701623	42.63670412	0.028757341
711	1545800730	1320	7540	47	1880.5243446	6940.701623	42.63670412	0.026342986
712	5113400364	2480	6383	69	1880.5243446	6940.701623	42.63670412	0.043523064

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
709	20141107T000000	440000	2	1.5	1	0	2	3	6	1080
710	20140715T000000	275000	3	1.5	1	0	0	4	6	1060
711	20150222T000000	269950	2	1.75	1	0	0	3	7	1320
712	20150126T000000	650000	4	1.5	1	0	0	3	7	1380

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
709	0	1923	0	98117	47.7008	-122.386	2080	5800	0
710	0	1983	0	98106	47.5498	-122.355	1560	6954	0
711	0	1968	0	98038	47.3634	-122.052	1570	7540	0
712	1100	1946	0	98119	47.6445	-122.374	1440	6000	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
709	0	0	#REF!	#REF!	#REF!
710	0	0	#REF!	#REF!	#REF!
711	0	0	#REF!	#REF!	#REF!
712	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
709	#REF!	#REF!	#REF!	-800.52	-180.70
710	#REF!	#REF!	#REF!	-820.52	13.30
711	#REF!	#REF!	#REF!	-560.52	599.30
712	#REF!	#REF!	#REF!	599.48	-557.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
709	48.3633	640839.23	32653.08	2339.01	675831.31	822.09	2	1117.44
710	-11.6367	673260.20	176.85	135.41	673572.46	820.71	2	1016.18
711	4.3633	314187.54	359158.54	19.04	673365.12	820.59	2	601.23
712	26.3633	359371.06	311031.10	695.02	671097.19	819.21	2	1246.25

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
713	3339900640	1230	7420	101	1880.5243446	6940.701623	42.63670412	0.031140647
714	8661000033	1400	6300	16	1880.5243446	6940.701623	42.63670412	0.015860412
715	259600790	1220	7370	50	1880.5243446	6940.701623	42.63670412	0.016998771
716	9557300040	2590	7245	42	1880.5243446	6940.701623	42.63670412	0.033410339

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
713	20140620T000000	200000	3	2.25	1.5	0	0	5	7	1230
714	20140627T000000	235000	3	1.75	1	0	0	3	7	1400
715	20141015T000000	500000	3	1.75	1	0	0	4	7	1220
716	20150225T000000	539000	5	2.25	1	0	0	3	8	1510

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
713	0	1913	0	98002	47.3184	-122.22	1260	7556	1
714	0	1998	0	98022	47.2074	-122.001	1400	8490	0
715	0	1964	0	98008	47.6334	-122.12	1580	8213	0
716	1080	1973	0	98008	47.6398	-122.111	1930	7245	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
713	0	0	#REF!	#REF!	#REF!
714	0	0	#REF!	#REF!	#REF!
715	0	0	#REF!	#REF!	#REF!
716	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
713	#REF!	#REF!	#REF!	-650.52	479.30
714	#REF!	#REF!	#REF!	-480.52	-640.70
715	#REF!	#REF!	#REF!	-660.52	429.30
716	#REF!	#REF!	#REF!	709.48	304.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
713	58.3633	423181.92	229726.93	3406.27	656315.13	810.13	2	696.19
714	-26.6367	230903.65	410498.57	709.51	642111.73	801.32	2	1304.11
715	7.3633	436292.41	184297.10	54.22	620643.72	787.81	2	710.86
716	-0.6367	503355.71	92597.50	0.41	595953.61	771.98	2	715.79

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
717	8091670030	2160	6223	4	1880.5243446	6940.701623	42.63670412	0.027091256
718	3327000140	1190	7280	46	1880.5243446	6940.701623	42.63670412	0.028604469
719	2501600150	1760	7700	53	1880.5243446	6940.701623	42.63670412	0.005770086
720	8079010230	2600	7210	25	1880.5243446	6940.701623	42.63670412	0.029997483

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
717	20140512T000000	383000	4	2.5	2	0	0	3	8	2160
718	20140617T000000	235000	3	1.75	1	0	0	4	7	1190
719	20150310T000000	194000	4	2	1	0	0	4	7	1760
720	20140603T000000	475000	3	2.5	2	0	0	3	8	2600

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
717	0	2010	0	98038	47.3494	-122.042	2160	5555	1
718	0	1968	0	98092	47.3151	-122.19	1250	7800	0
719	0	1962	0	98003	47.3299	-122.318	1870	7316	0
720	0	1989	0	98059	47.5123	-122.151	2350	7225	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
717	0	1	#REF!	#REF!	#REF!
718	0	0	#REF!	#REF!	#REF!
719	0	0	#REF!	#REF!	#REF!
720	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
717	#REF!	#REF!	#REF!	279.48	-717.70
718	#REF!	#REF!	#REF!	-690.52	339.30
719	#REF!	#REF!	#REF!	-120.52	759.30
720	#REF!	#REF!	#REF!	719.48	269.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
717	-38.6367	78106.64	515095.62	1492.79	594695.06	771.16	2	1295.92
718	3.3633	476823.87	115123.39	11.31	591958.57	769.39	2	760.85
719	10.3633	14526.12	576534.03	107.40	591167.54	768.87	2	259.34
720	-17.6367	517645.22	72521.62	311.05	590477.89	768.43	2	738.22

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
721	5592900230	1270	7400	58	1880.5243446	6940.701623	42.63670412	0.004591183
722	1442870040	2620	7001	2	1880.5243446	6940.701623	42.63670412	0.0000714
723	9358002375	2290	6344	35	1880.5243446	6940.701623	42.63670412	0.03650528
724	5089700750	2310	7490	34	1880.5243446	6940.701623	42.63670412	0.038466014

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
721	20141224T000000	320000	3	1	1	0	2	4	7	1270
722	20140819T000000	499990	4	2.75	2	0	0	3	8	2620
723	20150305T000000	420000	6	3	2	0	0	3	7	2290
724	20140509T000000	320000	4	2.25	2	0	0	3	8	2310

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
721	0	1956	0	98056	47.4831	-122.191	1800	7400	0
722	0	2012	0	98045	47.4838	-121.769	2620	6543	1
723	0	1980	0	98126	47.565	-122.37	1360	3202	1
724	0	1980	0	98055	47.4379	-122.192	2310	8480	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
721	0	0	#REF!	#REF!	#REF!
722	0	1	#REF!	#REF!	#REF!
723	0	0	#REF!	#REF!	#REF!
724	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
721	#REF!	#REF!	#REF!	-610.52	459.30
722	#REF!	#REF!	#REF!	739.48	60.30
723	#REF!	#REF!	#REF!	409.48	-596.70
724	#REF!	#REF!	#REF!	429.48	549.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
721	15.3633	372739.98	210955.00	236.03	583931.01	764.15	2	656.80
722	-40.6367	546824.24	3635.89	1651.34	552111.48	743.04	2	858.54
723	-7.6367	167670.31	356052.83	58.32	523781.46	723.73	2	1209.95
724	-8.6367	184449.34	301728.71	74.59	486252.64	697.32	2	390.55

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
725	2143700861	1340	7380	74	1880.5243446	6940.701623	42.63670412	0.015433993
726	6669020500	2440	7350	36	1880.5243446	6940.701623	42.63670412	0.027033495
727	1001200050	1260	7248	59	1880.5243446	6940.701623	42.63670412	0.00690064
728	9542801990	1880	7632	36	1880.5243446	6940.701623	42.63670412	0.009239629

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
725	20141030T000000	192000	2	1.75	1	0	0	3	6	1340
726	20140627T000000	330000	4	1.75	1	0	0	3	8	1610
727	20140923T000000	259000	4	1.5	1.5	0	0	5	7	1260
728	20140529T000000	266500	4	1.75	1	0	0	4	7	1180

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
725	0	1940	0	98055	47.4785	-122.229	1980	9600	0
726	830	1978	0	98032	47.3743	-122.285	2180	7680	0
727	0	1955	0	98188	47.433	-122.292	1300	7732	1
728	700	1978	0	98023	47.3068	-122.372	1840	8528	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
725	0	0	#REF!	#REF!	#REF!
726	1	1	#REF!	#REF!	#REF!
727	0	0	#REF!	#REF!	#REF!
728	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
725	#REF!	#REF!	#REF!	-540.52	439.30
726	#REF!	#REF!	#REF!	559.48	409.30
727	#REF!	#REF!	#REF!	-620.52	307.30
728	#REF!	#REF!	#REF!	-0.52	691.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
725	31.3633	292166.57	192983.06	983.66	486133.29	697.23	2	591.88
726	-6.6367	313013.01	167525.16	44.05	480582.22	693.24	2	540.50
727	16.3633	385050.46	94432.29	267.76	479750.51	692.64	2	704.80
728	-6.6367	0.27	477893.45	44.05	477937.77	691.33	2	141.97

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
729	7697920150	1830	7614	23	1880.5243446	6940.701623	42.63670412	0.028706364
730	9161100730	2130	6325	66	1880.5243446	6940.701623	42.63670412	0.034490126
731	1473120190	2120	7560	23	1880.5243446	6940.701623	42.63670412	0.015475502
732	316000160	1480	7469	74	1880.5243446	6940.701623	42.63670412	0.027410568

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
729	20141002T000000	240000	4	2.25	2	0	0	3	7	1830
730	20140701T000000	620000	4	3	1	0	0	5	7	1440
731	20140530T000000	386000	3	2	1	0	0	3	9	2120
732	20140821T000000	260000	3	1	1.5	0	0	3	6	1120

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
729	0	1991	0	98030	47.3682	-122.179	1860	6930	1
730	690	1948	0	98116	47.5683	-122.396	1240	6325	0
731	0	1991	0	98058	47.435	-122.16	2660	7700	0
732	360	1940	0	98168	47.5048	-122.301	1460	7379	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
729	0	0	#REF!	#REF!	#REF!
730	1	0	#REF!	#REF!	#REF!
731	0	1	#REF!	#REF!	#REF!
732	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
729	#REF!	#REF!	#REF!	-50.52	673.30
730	#REF!	#REF!	#REF!	249.48	-615.70
731	#REF!	#REF!	#REF!	239.48	619.30
732	#REF!	#REF!	#REF!	-400.52	528.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
729	-19.6367	2552.71	453330.70	385.60	456269.01	675.48	2	149.62
730	23.3633	62238.10	379088.49	545.84	441872.43	664.73	2	1189.81
731	-19.6367	57348.59	383530.48	385.60	441264.67	664.28	2	211.36
732	31.3633	160419.75	279099.18	983.66	440502.58	663.70	2	441.51

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
733	1446401555	1320	6600	26	1880.5243446	6940.701623	42.63670412	0.009865469
734	1321710460	2390	7350	24	1880.5243446	6940.701623	42.63670412	0.031478307
735	455000760	2500	6733	36	1880.5243446	6940.701623	42.63670412	0.003829292
736	2644900109	2190	7500	36	1880.5243446	6940.701623	42.63670412	0.042697643

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
733	20141208T000000	292000	3	1.75	1	0	0	3	7	1320
734	20141206T000000	319000	4	2.25	2	0	0	3	8	2390
735	20150311T000000	685000	3	2	1	0	0	3	8	1770
736	20150427T000000	439950	5	1.75	1	0	0	3	7	1290

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
733	0	1988	0	98168	47.4838	-122.33	1070	6594	0
734	0	1990	0	98023	47.2938	-122.348	2390	7350	1
735	730	1979	0	98107	47.6691	-122.36	1770	6343	0
736	900	1979	0	98133	47.7766	-122.355	1790	8820	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
733	0	0	#REF!	#REF!	#REF!
734	0	1	#REF!	#REF!	#REF!
735	1	1	#REF!	#REF!	#REF!
736	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
733	#REF!	#REF!	#REF!	-560.52	-340.70
734	#REF!	#REF!	#REF!	509.48	409.30
735	#REF!	#REF!	#REF!	619.48	-207.70
736	#REF!	#REF!	#REF!	309.48	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
733	-16.6367	314187.54	116077.60	276.78	430541.92	656.16	2	1078.10
734	-18.6367	259565.44	167525.16	347.33	427437.93	653.79	2	492.85
735	-6.6367	383750.09	43139.96	44.05	426934.10	653.40	2	958.55
736	-6.6367	95775.18	312814.67	44.05	408633.90	639.24	2	270.52

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
737	259801110	1250	7030	49	1880.5243446	6940.701623	42.63670412	0.001752515
738	3575302575	2160	7500	35	1880.5243446	6940.701623	42.63670412	0.020288182
739	5437810320	1950	7560	39	1880.5243446	6940.701623	42.63670412	0.008220429
740	6607000126	2200	7475	59	1880.5243446	6940.701623	42.63670412	0.026760034

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
737	20140828T000000	439000	3	1.75	1	0	0	3	7	1250
738	20140811T000000	532500	3	2.5	1	0	1	3	7	1430
739	20141117T000000	269950	3	1.5	1	0	2	4	7	1320
740	20140604T000000	375000	4	1.75	1	0	0	5	7	1100

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
737	0	1965	0	98008	47.6285	-122.118	1460	7210	0
738	730	1979	0	98074	47.6188	-122.064	1560	7500	0
739	630	1975	0	98022	47.1976	-121.999	1950	8941	0
740	1100	1955	0	98118	47.543	-122.28	1600	5766	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
737	0	0	#REF!	#REF!	#REF!
738	1	0	#REF!	#REF!	#REF!
739	1	0	#REF!	#REF!	#REF!
740	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
737	#REF!	#REF!	#REF!	-630.52	89.30
738	#REF!	#REF!	#REF!	279.48	559.30
739	#REF!	#REF!	#REF!	69.48	619.30
740	#REF!	#REF!	#REF!	319.48	534.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
737	6.3633	397560.95	7974.20	40.49	405575.64	636.85	2	815.72
738	-7.6367	78106.64	312814.67	58.32	390979.64	625.28	2	240.57
739	-3.6367	4826.87	383530.48	13.23	388370.57	623.19	2	71.11
740	16.3633	102064.69	285474.76	267.76	387807.21	622.74	2	281.64

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
741	7852110070	2300	7398	13	1880.5243446	6940.701623	42.63670412	0.016995688
742	579000096	1620	7500	65	1880.5243446	6940.701623	42.63670412	0.001852718
743	1954420170	2150	7484	26	1880.5243446	6940.701623	42.63670412	0.028110468
744	8901001170	1660	7500	74	1880.5243446	6940.701623	42.63670412	0.005294823

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
741	20140608T000000	567500	3	2.5	2	0	0	3	8	2300
742	20141010T000000	780000	3	1.5	1	0	2	4	8	1620
743	20140521T000000	368250	3	2.5	2	0	0	3	8	2150
744	20140514T000000	458000	3	1	1	0	0	4	7	1060

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
741	0	2001	0	98065	47.5369	-121.876	2580	6983	1
742	0	1949	0	98117	47.7014	-122.381	2440	7800	0
743	0	1988	0	98074	47.6191	-122.043	2150	6879	1
744	600	1940	0	98125	47.7105	-122.306	1450	7500	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
741	0	1	#REF!	#REF!	#REF!
742	0	1	#REF!	#REF!	#REF!
743	0	1	#REF!	#REF!	#REF!
744	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
741	#REF!	#REF!	#REF!	419.48	457.30
742	#REF!	#REF!	#REF!	-260.52	559.30
743	#REF!	#REF!	#REF!	269.48	543.30
744	#REF!	#REF!	#REF!	-220.52	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
741	-29.6367	175959.83	209121.81	878.33	385959.97	621.26	2	393.91
742	22.3633	67872.93	312814.67	500.12	381187.73	617.40	2	300.44
743	-16.6367	72617.13	295173.13	276.78	368067.04	606.69	2	231.32
744	31.3633	48630.99	312814.67	983.66	362429.32	602.02	2	261.49

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
745	2473530100	2440	7155	21	1880.5243446	6940.701623	42.63670412	0.003691002
746	9238900390	1860	6360	60	1880.5243446	6940.701623	42.63670412	0.01269017
747	2379300330	2450	6994	12	1880.5243446	6940.701623	42.63670412	0.012107296
748	4137030040	1970	7500	26	1880.5243446	6940.701623	42.63670412	0.013721139

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
745	20140523T000000	388000	4	2.5	2	0	0	3	8	2440
746	20140905T000000	460000	3	1	1	0	0	3	8	1470
747	20140702T000000	345000	5	2.5	2	0	0	3	8	2450
748	20140612T000000	299995	3	2.5	2	0	0	3	8	1970

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
745	0	1993	0	98058	47.4501	-122.126	2450	8109	1
746	390	1954	0	98136	47.5327	-122.392	1770	6175	0
747	0	2002	0	98030	47.3572	-122.192	1940	6035	1
748	0	1988	0	98092	47.2658	-122.218	1950	8220	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
745	0	1	#REF!	#REF!	#REF!
746	1	1	#REF!	#REF!	#REF!
747	0	1	#REF!	#REF!	#REF!
748	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
745	#REF!	#REF!	#REF!	559.48	214.30
746	#REF!	#REF!	#REF!	-20.52	-580.70
747	#REF!	#REF!	#REF!	569.48	53.30
748	#REF!	#REF!	#REF!	89.48	559.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
745	-21.6367	313013.01	45923.79	468.15	359404.95	599.50	2	622.47
746	17.3633	421.25	337214.37	301.48	337937.11	581.32	2	1137.52
747	-30.6367	324302.52	2840.72	938.61	328081.85	572.78	2	730.83
748	-16.6367	8005.89	312814.67	276.78	321097.35	566.65	2	53.30

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
749	7972601030	1380	7200	67	1880.5243446	6940.701623	42.63670412	0.036340673
750	5668500045	1450	7300	59	1880.5243446	6940.701623	42.63670412	0.023708942
751	8731950910	1680	7455	47	1880.5243446	6940.701623	42.63670412	0.033861685
752	3579000410	2010	7447	29	1880.5243446	6940.701623	42.63670412	0.014813898

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
749	20150420T000000	426000	3	1.5	1	0	0	3	7	1080
750	20140917T000000	375000	3	2	1.5	0	0	5	7	1450
751	20150218T000000	227000	3	1.75	1	0	0	4	8	1680
752	20140905T000000	500000	3	2.25	2	0	0	3	8	2010

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
749	300	1948	0	98106	47.5292	-122.348	1220	7200	0
750	0	1955	0	98133	47.7517	-122.342	1660	9069	1
751	0	1968	0	98023	47.3112	-122.378	2040	8214	0
752	0	1985	0	98028	47.747	-122.248	2230	7846	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
749	1	0	#REF!	#REF!	#REF!
750	0	0	#REF!	#REF!	#REF!
751	0	1	#REF!	#REF!	#REF!
752	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
749	#REF!	#REF!	#REF!	-500.52	259.30
750	#REF!	#REF!	#REF!	-430.52	359.30
751	#REF!	#REF!	#REF!	-200.52	514.30
752	#REF!	#REF!	#REF!	129.48	506.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
749	24.3633	250524.62	67235.65	593.57	318353.84	564.23	2	615.84
750	16.3633	185351.21	129095.32	267.76	314714.29	560.99	2	509.05
751	4.3633	40210.01	264502.82	19.04	304731.87	552.03	2	243.08
752	-13.6367	16763.95	256338.05	185.96	273287.95	522.77	2	103.68

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
753	223039229	2390	6928	65	1880.5243446	6940.701623	42.63670412	0.035146631
754	1446400670	1510	6600	76	1880.5243446	6940.701623	42.63670412	0.005464434
755	2474400250	2310	7200	24	1880.5243446	6940.701623	42.63670412	0.042016147
756	5422420120	1420	6788	24	1880.5243446	6940.701623	42.63670412	0.02061446

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
753	20140902T000000	787500	2	2.5	2	0	3	4	8	1810
754	20140731T000000	199950	3	1.5	1	0	0	3	6	1510
755	20140630T000000	327500	3	2.25	2	0	0	3	8	2310
756	20140717T000000	252000	3	2	2	0	0	3	7	1420

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
753	580	1949	1982	98146	47.5101	-122.391	2390	12852	1
754	0	1938	0	98168	47.4821	-122.331	990	6600	0
755	0	1990	0	98031	47.4051	-122.193	1960	7201	1
756	0	1990	0	98023	47.2887	-122.351	1790	6607	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
753	1	1	#REF!	#REF!	#REF!
754	0	0	#REF!	#REF!	#REF!
755	0	1	#REF!	#REF!	#REF!
756	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
753	#REF!	#REF!	#REF!	509.48	-12.70
754	#REF!	#REF!	#REF!	-370.52	-340.70
755	#REF!	#REF!	#REF!	429.48	259.30
756	#REF!	#REF!	#REF!	-460.52	-152.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
753	22.3633	259565.44	161.33	500.12	260226.89	510.12	2	737.70
754	33.3633	137288.29	116077.60	1113.11	254479.00	504.46	2	985.58
755	-18.6367	184449.34	67235.65	347.33	252032.31	502.03	2	490.19
756	-18.6367	212082.67	23317.79	347.33	235747.78	485.54	2	866.59

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
757	9406520550	1646	7364	20	1880.5243446	6940.701623	42.63670412	0.017501069
758	4202400078	1410	7000	47	1880.5243446	6940.701623	42.63670412	0.04262163
759	1895450200	2190	7294	12	1880.5243446	6940.701623	42.63670412	0.002333929
760	2287400030	2260	7200	30	1880.5243446	6940.701623	42.63670412	0.043337616

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
757	20141027T000000	307500	3	2.25	2	0	0	3	7	1646
758	20150128T000000	175000	2	1	1	0	0	3	7	1410
759	20150415T000000	349000	4	2.5	2	0	0	3	8	2190
760	20140626T000000	289659	4	2.25	2	0	0	4	7	2260

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
757	0	1994	0	98038	47.3646	-122.037	1975	9161	1
758	0	1968	0	98055	47.4908	-122.223	1540	6000	0
759	0	2003	0	98023	47.2923	-122.357	2240	7379	1
760	0	1984	0	98031	47.4121	-122.183	1720	7200	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
757	0	0	#REF!	#REF!	#REF!
758	0	0	#REF!	#REF!	#REF!
759	0	1	#REF!	#REF!	#REF!
760	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
757	#REF!	#REF!	#REF!	-234.52	423.30
758	#REF!	#REF!	#REF!	-470.52	59.30
759	#REF!	#REF!	#REF!	309.48	353.30
760	#REF!	#REF!	#REF!	379.48	259.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
757	-22.6367	55001.67	179181.52	512.42	234695.60	484.45	2	304.56
758	4.3633	221393.16	3516.30	19.04	224928.49	474.27	2	711.02
759	-30.6367	95775.18	124819.74	938.61	221533.53	470.67	2	338.83
760	-12.6367	144001.77	67235.65	159.69	211397.11	459.78	2	451.17

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
761	1545804340	1760	6500	28	1880.5243446	6940.701623	42.63670412	0.038704841
762	1310960220	2070	7350	37	1880.5243446	6940.701623	42.63670412	0.015581554
763	2329800140	1580	6633	30	1880.5243446	6940.701623	42.63670412	0.02278609
764	7968200090	2210	7214	11	1880.5243446	6940.701623	42.63670412	0.018103592

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
761	20150409T000000	240000	3	1.75	1	0	0	3	7	1150
762	20140626T000000	280927	4	2.25	2	0	0	4	8	2070
763	20141203T000000	291000	4	2.5	2	0	0	4	7	1580
764	20140819T000000	335000	4	2.5	2	0	0	3	8	2210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
761	610	1987	0	98038	47.3647	-122.05	1760	8125	0
762	0	1977	0	98032	47.3615	-122.274	2080	7210	1
763	0	1984	0	98042	47.3768	-122.118	1590	6633	1
764	0	2003	0	98003	47.3554	-122.298	2270	7246	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
761	1	0	#REF!	#REF!	#REF!
762	0	1	#REF!	#REF!	#REF!
763	0	0	#REF!	#REF!	#REF!
764	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
761	#REF!	#REF!	#REF!	-120.52	-440.70
762	#REF!	#REF!	#REF!	189.48	409.30
763	#REF!	#REF!	#REF!	-300.52	-307.70
764	#REF!	#REF!	#REF!	329.48	273.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
761	-14.6367	14526.12	194217.92	214.23	208958.27	457.12	2	1008.65
762	-5.6367	35901.02	167525.16	31.77	203457.96	451.06	2	209.58
763	-12.6367	90314.88	94680.29	159.69	185154.86	430.30	2	927.34
764	-31.6367	108554.21	74692.00	1000.88	184247.09	429.24	2	405.93

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
765	104530490	1850	6519	28	1880.5243446	6940.701623	42.63670412	0.039367426
766	7436500360	1480	7040	40	1880.5243446	6940.701623	42.63670412	0.015467168
767	7436400020	1840	7350	41	1880.5243446	6940.701623	42.63670412	0.013121795
768	4178500150	1670	6600	24	1880.5243446	6940.701623	42.63670412	0.022800844

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
765	20140516T000000	248000	4	3.5	2	0	0	3	7	1130
766	20140606T000000	510000	3	1.75	1	0	0	3	7	1480
767	20150325T000000	585000	3	1.75	1	0	0	3	8	1370
768	20140922T000000	289000	3	2.25	2	0	0	4	7	1670

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
765	720	1986	0	98023	47.3087	-122.354	1280	6664	1
766	0	1974	0	98033	47.6723	-122.169	2040	7810	0
767	470	1974	0	98033	47.6729	-122.166	1920	8518	0
768	0	1990	0	98042	47.3604	-122.089	1670	6801	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
765	1	0	#REF!	#REF!	#REF!
766	0	0	#REF!	#REF!	#REF!
767	1	1	#REF!	#REF!	#REF!
768	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
765	#REF!	#REF!	#REF!	-30.52	-421.70
766	#REF!	#REF!	#REF!	-400.52	99.30
767	#REF!	#REF!	#REF!	-40.52	409.30
768	#REF!	#REF!	#REF!	-210.52	-340.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
765	-14.6367	931.74	177832.26	214.23	178978.23	423.06	2	979.42
766	-2.6367	160419.75	9860.17	6.95	170286.87	412.66	2	633.27
767	-1.6367	1642.22	167525.16	2.68	169170.06	411.30	2	166.15
768	-18.6367	44320.50	116077.60	347.33	160745.42	400.93	2	930.14

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
769	104550540	1610	6650	26	1880.5243446	6940.701623	42.63670412	0.031878639
770	5561710110	1840	7326	35	1880.5243446	6940.701623	42.63670412	0.04414155
771	2787320140	1890	7314	34	1880.5243446	6940.701623	42.63670412	0.026732506
772	3216900070	2210	7079	21	1880.5243446	6940.701623	42.63670412	0.011278708

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
769	20150120T000000	259950	4	2	1	0	0	3	7	1610
770	20141014T000000	319990	3	2.25	1	0	0	5	7	1370
771	20150324T000000	255000	3	2.25	1	0	0	3	7	1100
772	20140617T000000	382500	4	2.5	2	0	0	3	8	2210

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
769	0	1989	0	98023	47.3085	-122.358	1960	6650	0
770	470	1979	0	98031	47.3958	-122.168	2050	7475	0
771	790	1981	0	98031	47.4121	-122.172	1520	7676	0
772	0	1993	0	98031	47.4206	-122.183	1970	7000	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
769	0	0	#REF!	#REF!	#REF!
770	1	0	#REF!	#REF!	#REF!
771	1	0	#REF!	#REF!	#REF!
772	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
769	#REF!	#REF!	#REF!	-270.52	-290.70
770	#REF!	#REF!	#REF!	-40.52	385.30
771	#REF!	#REF!	#REF!	9.48	373.30
772	#REF!	#REF!	#REF!	329.48	138.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
769	-16.6367	73183.42	84507.43	276.78	157967.63	397.45	2	900.87
770	-7.6367	1642.22	148454.84	58.32	150155.38	387.50	2	187.72
771	-8.6367	89.79	139351.68	74.59	139516.06	373.52	2	184.43
772	-21.6367	108554.21	19126.44	468.15	128148.80	357.98	2	508.49

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
773	6843600040	2040	7260	51	1880.5243446	6940.701623	42.63670412	0.012843317
774	1454100122	1640	7201	66	1880.5243446	6940.701623	42.63670412	0.03308339
775	2791500280	1650	6675	24	1880.5243446	6940.701623	42.63670412	0.019251325
776	2314300170	2090	6667	17	1880.5243446	6940.701623	42.63670412	0.031076103

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
773	20140702T000000	475000	4	2.5	2	0	0	4	7	2040
774	20140611T000000	405000	3	2	1	0	0	3	8	1640
775	20141119T000000	246000	3	2.5	1	0	0	3	8	1290
776	20141104T000000	405000	4	2.5	2	0	0	3	8	2090

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
773	0	1963	0	98133	47.7399	-122.332	2040	7360	1
774	0	1948	0	98125	47.7216	-122.289	1750	7201	0
775	360	1990	0	98023	47.2899	-122.372	1880	6675	0
776	0	1997	0	98058	47.4648	-122.15	2250	6165	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
773	0	0	#REF!	#REF!	#REF!
774	0	1	#REF!	#REF!	#REF!
775	1	1	#REF!	#REF!	#REF!
776	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
773	#REF!	#REF!	#REF!	159.48	319.30
774	#REF!	#REF!	#REF!	-240.52	260.30
775	#REF!	#REF!	#REF!	-230.52	-265.70
776	#REF!	#REF!	#REF!	209.48	-273.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
773	8.3633	25432.48	101951.45	69.94	127453.88	357.01	2	264.91
774	23.3633	57851.96	67755.25	545.84	126153.05	355.18	2	406.98
775	-18.6367	53141.47	70597.35	347.33	124086.15	352.26	2	864.17
776	-25.6367	43880.05	74912.58	657.24	119449.87	345.62	2	846.56

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
777	1862900040	1650	6684	23	1880.5243446	6940.701623	42.63670412	0.013964367
778	8025700460	1840	7275	39	1880.5243446	6940.701623	42.63670412	0.042459653
779	1311500020	2080	7200	48	1880.5243446	6940.701623	42.63670412	0.042129188
780	3034200247	1950	7260	58	1880.5243446	6940.701623	42.63670412	0.042662279

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
777	20140626T000000	268000	3	2.5	2	0	0	3	7	1650
778	20150508T000000	279000	4	1.75	1	0	0	3	7	1090
779	20140703T000000	198000	4	1.75	1	0	0	4	7	1050
780	20150206T000000	360000	3	1.75	1	0	0	3	8	1520

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
777	0	1991	0	98031	47.4051	-122.184	1850	7048	1
778	750	1976	0	98031	47.4002	-122.189	1840	7275	0
779	1030	1966	0	98001	47.3385	-122.282	1500	7350	0
780	430	1957	0	98133	47.7187	-122.33	1950	7548	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
777	0	0	#REF!	#REF!	#REF!
778	1	0	#REF!	#REF!	#REF!
779	1	0	#REF!	#REF!	#REF!
780	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
777	#REF!	#REF!	#REF!	-230.52	-256.70
778	#REF!	#REF!	#REF!	-40.52	334.30
779	#REF!	#REF!	#REF!	199.48	259.30
780	#REF!	#REF!	#REF!	69.48	319.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
777	-19.6367	53141.47	65895.72	385.60	119422.80	345.58	2	855.65
778	-3.6367	1642.22	111755.40	13.23	113410.85	336.77	2	234.77
779	5.3633	39790.54	67235.65	28.76	107054.95	327.19	2	336.56
780	15.3633	4826.87	101951.45	236.03	107014.35	327.13	2	238.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
781	8091411100	2000	7225	30	1880.5243446	6940.701623	42.63670412	0.013516316
782	236400130	1820	7242	56	1880.5243446	6940.701623	42.63670412	0.037041011
783	2473411240	1740	7208	39	1880.5243446	6940.701623	42.63670412	0.011391379
784	7212660520	1600	6861	21	1880.5243446	6940.701623	42.63670412	0.034921309

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
781	20150204T000000	334000	3	2.25	2	0	0	4	7	2000
782	20150123T000000	239975	3	2.5	1	0	0	3	7	1220
783	20150324T000000	329950	4	1.75	1.5	0	0	3	8	1740
784	20150326T000000	280000	4	2	1	0	0	3	7	1600

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
781	0	1985	0	98030	47.349	-122.167	1950	7464	1
782	600	1959	0	98188	47.4318	-122.292	1350	8214	0
783	0	1976	0	98058	47.4483	-122.13	1680	7350	1
784	0	1994	0	98003	47.2701	-122.313	1870	7455	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
781	0	0	#REF!	#REF!	#REF!
782	1	0	#REF!	#REF!	#REF!
783	0	1	#REF!	#REF!	#REF!
784	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
781	#REF!	#REF!	#REF!	119.48	284.30
782	#REF!	#REF!	#REF!	-60.52	301.30
783	#REF!	#REF!	#REF!	-140.52	267.30
784	#REF!	#REF!	#REF!	-280.52	-79.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
781	-12.6367	14274.43	80825.57	159.69	95259.69	308.64	2	282.80
782	13.3633	3663.20	90780.71	178.58	94622.49	307.61	2	272.99
783	-3.6367	19747.09	71448.42	13.23	91208.74	302.01	2	339.28
784	-21.6367	78693.91	6352.35	468.15	85514.40	292.43	2	711.07

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
785	3260800190	2000	7205	17	1880.5243446	6940.701623	42.63670412	0.03272774
786	1786640030	1790	7212	17	1880.5243446	6940.701623	42.63670412	0.026178624
787	1226039130	1980	7200	50	1880.5243446	6940.701623	42.63670412	0.041814253
788	1328330290	1990	7194	36	1880.5243446	6940.701623	42.63670412	0.034290814

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
785	20150324T000000	325000	3	2.5	2	0	0	3	8	2000
786	20150202T000000	359950	3	2	1	0	0	4	8	1790
787	20141009T000000	355000	3	2.25	1	0	0	3	8	1300
788	20140729T000000	328000	4	1.75	1	0	0	4	8	1400

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
785	0	1998	0	98003	47.3499	-122.302	2180	7611	1
786	0	1998	0	98042	47.3898	-122.154	2330	7212	0
787	680	1964	0	98177	47.7625	-122.36	1820	8250	0
788	590	1978	0	98058	47.4417	-122.135	1820	7400	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
785	0	1	#REF!	#REF!	#REF!
786	0	1	#REF!	#REF!	#REF!
787	1	1	#REF!	#REF!	#REF!
788	1	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
785	#REF!	#REF!	#REF!	119.48	264.30
786	#REF!	#REF!	#REF!	-90.52	271.30
787	#REF!	#REF!	#REF!	99.48	259.30
788	#REF!	#REF!	#REF!	109.48	253.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
785	-25.6367	14274.43	69853.63	657.24	84785.30	291.18	2	302.84
786	-25.6367	8194.66	73602.81	657.24	82454.71	287.15	2	313.08
787	7.3633	9895.41	67235.65	54.22	77185.27	277.82	2	302.02
788	-6.6367	11984.92	64160.07	44.05	76189.03	276.02	2	310.01

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
789	2215901840	1750	6725	22	1880.5243446	6940.701623	42.63670412	0.026139083
790	3179102305	2100	6874	71	1880.5243446	6940.701623	42.63670412	0.018707478
791	3876760430	1660	7003	18	1880.5243446	6940.701623	42.63670412	0.04169206
792	1377800135	1730	6784	73	1880.5243446	6940.701623	42.63670412	0.044523374

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
789	20150211T000000	199000	3	2.5	1	0	0	3	7	1330
790	20140717T000000	580000	3	1.75	1	0	0	3	7	1300
791	20140822T000000	269950	3	2.25	2	0	0	3	7	1660
792	20150402T000000	676000	3	2	2.5	0	0	4	7	1730

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
789	420	1993	0	98038	47.352	-122.058	1670	7744	0
790	800	1943	0	98115	47.6724	-122.279	2220	5912	0
791	0	1996	0	98030	47.3599	-122.188	1840	6680	1
792	0	1942	0	98199	47.6462	-122.403	1210	6784	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
789	1	0	#REF!	#REF!	#REF!
790	1	0	#REF!	#REF!	#REF!
791	0	0	#REF!	#REF!	#REF!
792	0	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
789	#REF!	#REF!	#REF!	-130.52	-215.70
790	#REF!	#REF!	#REF!	219.48	-66.70
791	#REF!	#REF!	#REF!	-220.52	62.30
792	#REF!	#REF!	#REF!	-150.52	-156.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
789	-20.6367	17036.60	46527.19	425.87	63989.67	252.96	2	789.54
790	28.3633	48169.56	4449.11	804.48	53423.15	231.13	2	648.08
791	-24.6367	48630.99	3881.09	606.97	53119.04	230.48	2	557.57
792	30.3633	22657.58	24555.40	921.93	48134.91	219.40	2	737.26

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
793	7345200650	1680	7000	46	1880.5243446	6940.701623	42.63670412	0.032850831
794	6752600050	2070	7007	18	1880.5243446	6940.701623	42.63670412	0.030578849
795	3298700156	1780	6771	24	1880.5243446	6940.701623	42.63670412	0.018710445
796	6669150790	1840	6750	34	1880.5243446	6940.701623	42.63670412	0.023892186

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
793	20141231T000000	219200	3	2	1.5	0	0	4	7	1680
794	20140812T000000	320000	4	2.5	2	0	0	3	7	2070
795	20140610T000000	310000	3	2.5	1	0	0	3	7	1230
796	20140731T000000	265000	3	2.25	1	0	0	4	7	1270

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
793	0	1968	0	98002	47.2775	-122.203	1540	7480	1
794	0	1996	0	98031	47.3968	-122.171	2130	8100	1
795	550	1990	0	98106	47.5237	-122.353	1780	6771	0
796	570	1980	0	98031	47.4075	-122.172	1750	7004	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
793	0	0	#REF!	#REF!	#REF!
794	0	0	#REF!	#REF!	#REF!
795	1	0	#REF!	#REF!	#REF!
796	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
793	#REF!	#REF!	#REF!	-200.52	59.30
794	#REF!	#REF!	#REF!	189.48	66.30
795	#REF!	#REF!	#REF!	-100.52	-169.70
796	#REF!	#REF!	#REF!	-40.52	-190.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
793	3.3633	40210.01	3516.30	11.31	43737.62	209.14	2	550.69
794	-24.6367	35901.02	4395.47	606.97	40903.47	202.25	2	512.05
795	-18.6367	10105.14	28798.64	347.33	39251.11	198.12	2	738.39
796	-8.6367	1642.22	36367.11	74.59	38083.92	195.15	2	750.12

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
797	421000285	1730	7020	62	1880.5243446	6940.701623	42.63670412	0.029659473
798	104550660	1870	6821	25	1880.5243446	6940.701623	42.63670412	0.005220166
799	3529300330	1980	6922	23	1880.5243446	6940.701623	42.63670412	0.041997428

Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
797	20150423T000000	268000	4	1.5	1.5	0	0	4	5	1730
798	20140728T000000	275000	3	2.5	2	0	0	3	7	1870
799	20141107T000000	370000	3	2.5	2	0	0	5	8	1980

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
797	0	1953	0	98056	47.4939	-122.167	1110	7020	1
798	0	1989	0	98023	47.3065	-122.358	1970	6821	1
799	0	1991	0	98031	47.396	-122.184	2090	7697	1

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
797	0	0	#REF!	#REF!	#REF!
798	0	0	#REF!	#REF!	#REF!
799	0	1	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
797	#REF!	#REF!	#REF!	-150.52	79.30
798	#REF!	#REF!	#REF!	-10.52	-119.70
799	#REF!	#REF!	#REF!	99.48	-18.70

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
797	19.3633	22657.58	6288.23	374.94	29320.75	171.23	2	512.57
798	-17.6367	110.76	14328.48	311.05	14750.29	121.45	2	676.88
799	-19.6367	9895.41	349.75	385.60	10630.76	103.11	2	577.34

King County House Sales Cluster Analysis

Obs	ID	sqft_living	sqft_lot	Age_At_Sale	Meansqft_living	Meansqft_lot	MeanAge_At_Sale	RandNum
800	1328320440	1960	7000	34	1880.5243446	6940.701623	42.63670412	0.021262808
801	9510900140	1900	7000	47	1880.5243446	6940.701623	42.63670412	0.008258737

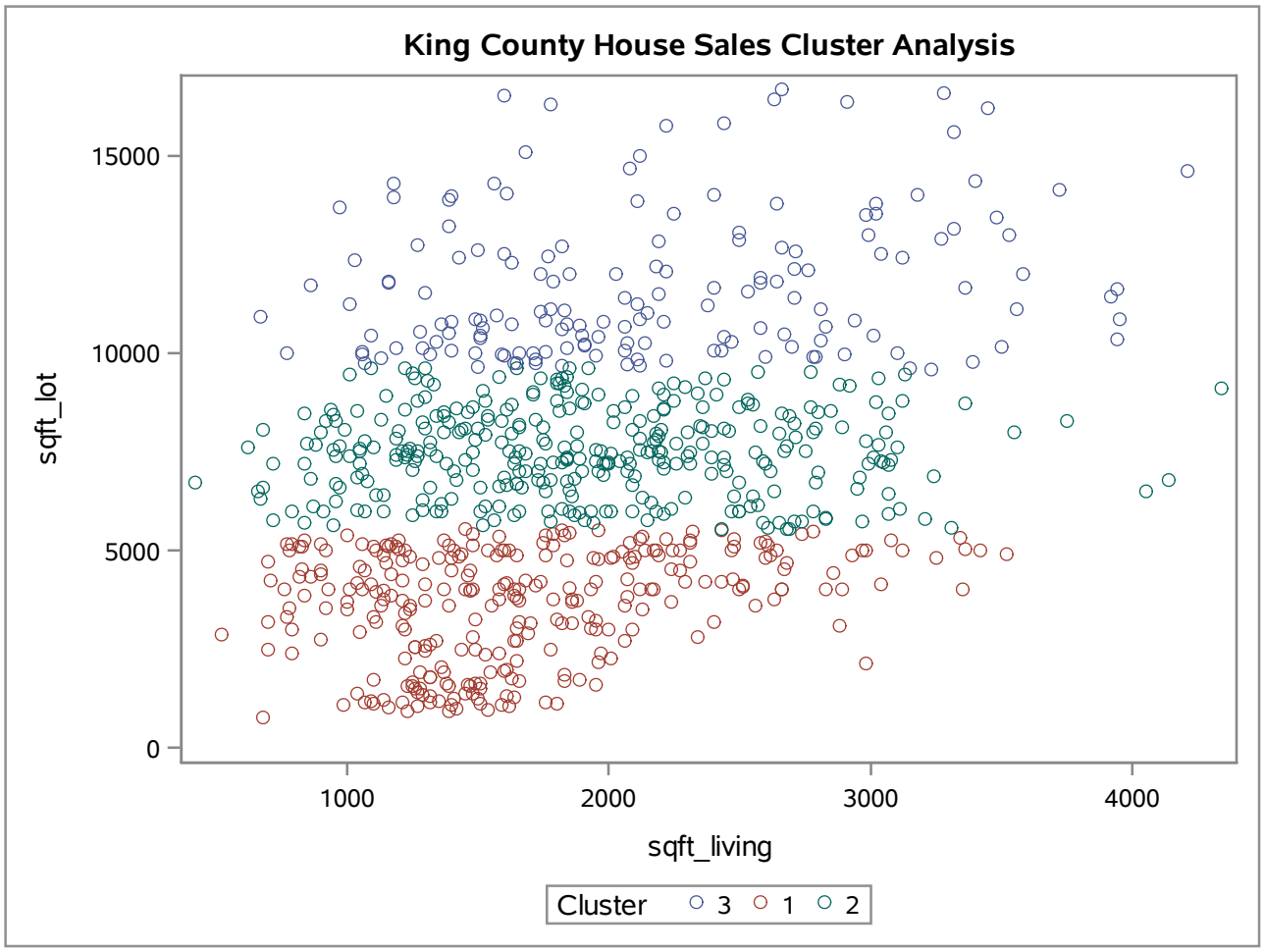
Obs	SellDate	Price	Bedrooms	Bathrooms	Floors	Waterfront	View	Condition	Grade	sqft_above
800	20141210T000000	355000	3	2.25	1	0	0	3	8	1600
801	20150406T000000	305000	4	2.5	1	0	0	2	7	1420

Obs	sqft_basement	yr_built	yr_renovated	Zipcode	Lat	Long	sqft_living15	sqft_lot15	Multi_Storey_House
800	360	1980	0	98058	47.4427	-122.126	1980	7140	0
801	480	1968	0	98023	47.3092	-122.376	1600	7600	0

Obs	Has_Basement	Above_Average_Grade	Price_Outliers_Lower_End	Price_Outliers_Upper_End	sqft_living_Outliers_Upper_End
800	1	1	#REF!	#REF!	#REF!
801	1	0	#REF!	#REF!	#REF!

Obs	sqft_living15_Outliers_Upper_End	sqft_lot_Outliers_Upper_End	sqft_lot15_Outliers_Upper_End	sqft_livingC	sqft_lotC
800	#REF!	#REF!	#REF!	79.48	59.30
801	#REF!	#REF!	#REF!	19.48	59.30

Obs	Age_At_SaleC	sqft_livingCSQR	sqft_lotCSQR	Age_At_SaleCSQR	TotDiffSqr	SqrRootTot	CLUSTER	DISTANCE
800	-8.6367	6316.38	3516.30	74.59	9907.27	99.54	2	497.55
801	4.3633	379.30	3516.30	19.04	3914.64	62.57	2	496.23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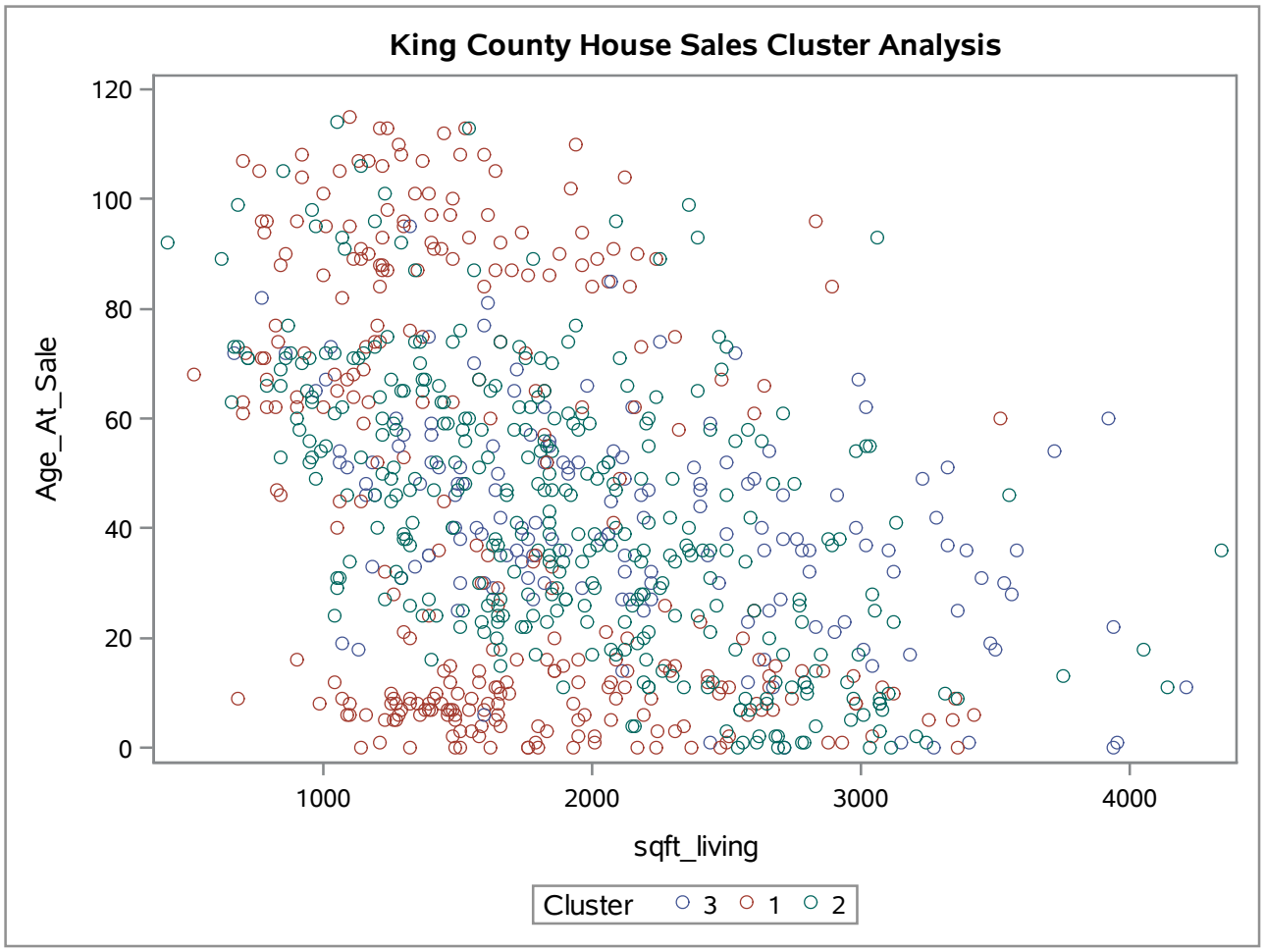
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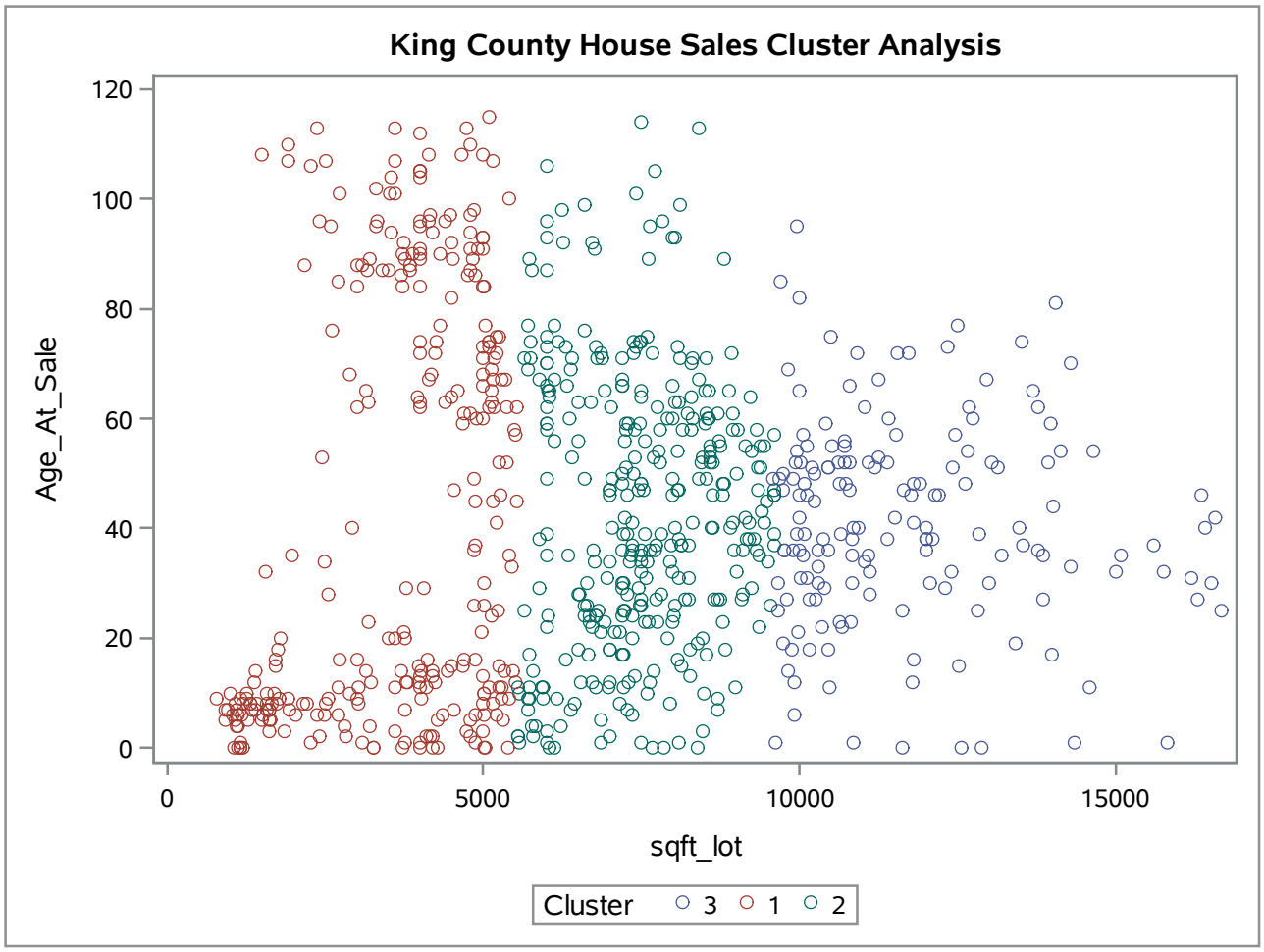
King County House Sales Cluster Analysis
Age_At_Sale
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10000
15000
sqft_lot
Cluster
3
1
2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
1	11300120	635000	2340	4167	1
2	11520640	810000	3010	10530	3
3	23500180	570000	2080	8260	2
4	34001160	590000	1990	6012	2
5	59000250	720000	2070	5000	1
6	84000105	255000	1010	11680	2
7	103400160	263000	1590	7606	2
8	104530490	248000	1280	6664	2
9	104550540	259950	1960	6650	2
10	104550660	275000	1970	6821	2
11	123039364	300000	1570	10880	3
12	123039604	102500	780	7424	1
13	142000175	625000	1720	6050	2
14	191101015	830000	2320	10160	3
15	203900920	340000	1900	14907	3
16	223039229	787500	2390	12852	2
17	225039145	285000	1450	5264	1
18	236400130	239975	1350	8214	2
19	238000201	440000	2000	14436	3
20	240000130	706000	1570	13209	3
21	241900020	378800	2900	5476	1
22	253600160	384950	1870	4394	1
23	254000241	540000	1610	5297	1
24	255400060	910000	3450	8279	2
25	255450340	387865	2370	4200	1
26	255550070	330675	1930	2611	1
27	255550150	352000	2090	3163	1
28	259500230	465750	3040	5079	1
29	259600620	565000	1920	9270	3
30	259600790	500000	1580	8213	2
31	259801110	439000	1460	7210	2
32	268500020	282500	1650	10112	3
33	272000620	290000	900	2728	1
34	301400320	255900	1537	3273	1
35	301401370	319900	2475	4000	1
36	301402120	240000	1481	3028	1
37	312000135	483945	1090	5120	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
38	316000160	260000	1460	7379	2
39	339350150	675000	2210	5026	2
40	342000036	540000	2010	4500	1
41	369000365	510000	1170	5500	2
42	375000230	638000	1560	3729	1
43	395800370	246600	1120	8400	2
44	418000010	227450	970	5713	2
45	421000185	200000	960	5200	1
46	421000285	268000	1110	7020	2
47	424049043	450000	1448	3866	2
48	427000065	537500	2030	6812	2
49	455000760	685000	1770	6343	2
50	461004095	514000	1610	5000	1
51	475000605	800000	1570	2153	1
52	486000085	866800	1470	4560	1
53	537000075	420000	2070	10200	2
54	538000450	315000	2070	4698	1
55	567000268	450000	1580	1733	1
56	579000096	780000	2440	7800	2
57	579000550	440000	2080	5800	2
58	582000185	655000	1720	5760	1
59	582000644	872500	1770	6000	2
60	621069113	200000	1230	12196	3
61	623049093	219900	1090	6957	2
62	626049102	397950	1670	8160	2
63	626059127	614000	2830	6064	2
64	629420080	731000	3160	5936	2
65	644000185	875000	3020	11550	3
66	644200090	921000	2010	11200	3
67	646910620	242500	1550	1866	1
68	705700640	353000	2170	8378	2
69	726059047	310000	2260	14025	2
70	740500070	265000	1580	8505	2
71	752000035	699000	1200	7920	2
72	770000045	405600	1480	4000	1
73	808300180	454000	2490	9742	3
74	808300310	389000	2300	6930	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
75	809002675	660000	1260	4000	2
76	809002705	797000	1630	2090	1
77	832700240	325000	1090	1118	1
78	832700320	348000	1270	1156	1
79	923000280	699000	1660	8155	2
80	925059137	939000	2420	7505	3
81	937000280	199000	1540	9384	3
82	952006728	330000	1120	2594	1
83	955000453	574000	1230	1800	1
84	993002127	436000	1310	1329	1
85	1001200050	259000	1300	7732	2
86	1023059246	437000	2700	5602	1
87	1025049254	458000	1620	1855	1
88	1036450290	495000	2050	3375	1
89	1056200010	750000	1970	8970	2
90	1062100100	424000	1450	5965	1
91	1085623560	442515	2815	4900	1
92	1088810040	627250	2970	9619	3
93	1109000040	315000	1300	3731	1
94	1112000035	420000	1380	5000	1
95	1115700040	713500	2250	9163	2
96	1123049232	279000	2090	10500	2
97	1123059116	518000	2590	9910	3
98	1149900050	717000	2650	8094	2
99	1152700020	370000	2760	5749	2
100	1180000625	315000	1980	3225	1
101	1180005220	225000	1910	6000	2
102	1189000700	625000	1540	3976	1
103	1189001180	425000	1440	4080	2
104	1214000080	329950	1750	7560	2
105	1220000100	215000	1360	7380	2
106	1226039130	355000	1820	8250	2
107	1231001110	380000	1250	4000	1
108	1232001480	445000	1310	3840	1
109	1234000630	525000	2530	10000	3
110	1238500978	365000	1610	10080	2
111	1239400064	895000	2440	7072	2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
112	1250200285	261500	1710	2231	1
113	1250200552	399950	1480	1602	1
114	1250200600	390000	1680	3600	1
115	1274500300	200000	1240	9620	2
116	1278000210	110000	828	5402	1
117	1310960220	280927	2080	7210	2
118	1311500020	198000	1500	7350	2
119	1313000710	652000	2040	9600	2
120	1321710460	319000	2390	7350	2
121	1324300398	560000	1420	5000	1
122	1328320440	355000	1980	7140	2
123	1328330290	328000	1820	7400	2
124	1328330350	390000	2020	7210	2
125	1328330590	346500	1680	8959	2
126	1332200110	300000	2641	8535	2
127	1332700010	305000	1950	1968	1
128	1338600090	370000	3120	4800	1
129	1355000220	243000	1270	7600	2
130	1355300009	625000	1415	1488	1
131	1377800135	676000	1210	6784	2
132	1395500020	279900	1430	10000	3
133	1422200090	676500	2440	5051	1
134	1424100100	183000	1590	9200	2
135	1425059174	390000	1900	10908	3
136	1430800100	356000	1260	8306	3
137	1432400060	230000	1160	7560	2
138	1432900240	205000	1610	8579	2
139	1442870040	499990	2620	6543	2
140	1442880570	505657	2790	6154	2
141	1443550020	570000	2400	11816	3
142	1446400670	199950	990	6600	2
143	1446400725	165000	1200	6600	2
144	1446401555	292000	1070	6594	2
145	1446800710	309000	1340	6650	2
146	1448800010	289950	1740	7555	2
147	1449000270	670000	2230	11896	3
148	1454100056	355000	1340	5001	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
149	1454100122	405000	1750	7201	2
150	1463400047	335000	1820	15600	3
151	1473120190	386000	2660	7700	2
152	1474000050	437000	1310	8748	2
153	1518000230	315000	1740	3800	1
154	1518000290	325000	1770	3799	1
155	1529200480	534640	2030	3710	1
156	1543000060	462000	2910	5106	2
157	1545800730	269950	1570	7540	2
158	1545804340	240000	1760	8125	2
159	1545804510	302000	1880	8649	2
160	1562200040	635000	2160	8800	2
161	1568100225	343000	1310	8504	2
162	1604601155	180000	1260	3540	1
163	1622049242	550000	3000	11475	3
164	1623800300	499000	1270	3000	1
165	1624049092	255000	1970	7587	3
166	1698900075	740000	2280	4000	1
167	1703900155	325000	960	6000	2
168	1760650290	313200	2300	4178	1
169	1769600147	477590	1880	7529	2
170	1771000690	305000	1160	10050	3
171	1771100330	250000	1490	10000	3
172	1773600264	705000	1330	4920	1
173	1775800800	396000	1820	13950	3
174	1775800860	469500	1580	12616	3
175	1786200010	456500	2410	8403	3
176	1786640030	359950	2330	7212	2
177	1795900120	549000	2290	8187	2
178	1796350690	245000	1390	7875	2
179	1797500435	570000	1770	4000	1
180	1822059440	511000	3350	7638	2
181	1853080730	835000	3320	6856	2
182	1853080850	837219	3080	6341	2
183	1860600840	925000	2160	3600	1
184	1862900040	268000	1850	7048	2
185	1868903130	542000	1590	5000	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
186	1895000045	195000	1170	5304	1
187	1895450200	349000	2240	7379	2
188	1900000035	212000	1160	7620	2
189	1930300190	716100	2140	4000	1
190	1939120050	638250	2420	7987	2
191	1954420170	368250	2150	6879	2
192	1954440060	560000	2030	8744	2
193	1972200227	459000	1268	1688	1
194	1974200060	525000	2030	9964	3
195	1997200165	802000	1700	6991	1
196	2021000180	380000	3120	5244	1
197	2021200058	785000	2310	5200	1
198	2025700130	269950	1510	6000	2
199	2026049097	431750	1400	8785	3
200	2044500142	420000	1900	7200	2
201	2061100570	595000	1630	5580	2
202	2064800600	367500	1780	8792	2
203	2085200545	180000	1430	12600	2
204	2112700600	415000	1200	4760	2
205	2112700845	270000	1420	4000	1
206	2113700620	417000	1340	5000	2
207	2115510470	285000	1650	8660	3
208	2123049114	110700	1340	10800	2
209	2131200925	331292	1770	10000	3
210	2141330700	555000	2640	8700	2
211	2143700861	192000	1980	9600	2
212	2144800117	270000	1770	11250	3
213	2144800311	315000	1920	15208	3
214	2205700470	650500	1400	9750	3
215	2212500430	323000	2440	13300	3
216	2215901840	199000	1670	7744	2
217	2249800080	445000	2250	9890	2
218	2287400030	289659	1720	7200	2
219	2314300170	405000	2250	6165	2
220	2329800140	291000	1590	6633	2
221	2329800430	254000	1660	7000	2
222	2354300550	460000	1250	6000	2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
223	2379300330	345000	1940	6035	2
224	2412600030	235000	2214	7684	2
225	2422049107	350000	2150	12508	3
226	2436700315	441500	1470	4000	1
227	2459500210	339950	1730	9948	3
228	2473002650	495000	2440	10823	3
229	2473100280	358000	1570	9375	3
230	2473101190	279950	1530	8690	2
231	2473411240	329950	1680	7350	2
232	2473480560	350000	1970	10150	3
233	2473510260	460000	2360	9600	3
234	2473530100	388000	2450	8109	2
235	2474400250	327500	1960	7201	2
236	2475900565	392500	1350	9800	3
237	2493200215	582000	2030	5499	1
238	2501600150	194000	1870	7316	2
239	2561340020	325000	1780	10640	3
240	2581900036	743000	2560	10992	3
241	2592210510	850000	3240	13141	3
242	2597490140	825000	2680	4000	1
243	2597530070	850000	3090	10348	3
244	2597530760	905000	2940	10753	3
245	2600010390	825000	2390	10250	3
246	2621600015	175000	1492	8924	2
247	2641800015	158800	1110	8231	2
248	2641800060	239000	1100	8573	2
249	2644300005	407500	1800	8460	2
250	2644900109	439950	1790	8820	2
251	2652500210	608000	1590	3600	1
252	2652501215	860000	2090	4095	1
253	2724069169	499900	1500	6534	3
254	2734100395	380000	1130	4000	1
255	2755200040	492000	1260	5376	2
256	2767603591	475000	1350	1250	1
257	2767603612	500000	1350	1334	1
258	2767704603	489000	1440	1850	1
259	2768200212	499950	1550	1519	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
260	2768301476	495000	1280	1681	1
261	2770601775	399950	1230	1237	1
262	2770601782	453000	1350	1397	1
263	2770604575	560000	1870	6000	2
264	2770606685	470000	1240	4400	1
265	2771101251	395000	1110	4100	1
266	2771604640	700000	2140	4000	2
267	2781280150	190000	1610	2563	1
268	2787320140	255000	1520	7676	2
269	2791500280	246000	1880	6675	2
270	2810100040	485000	1040	4400	1
271	2822100175	284000	1430	4850	1
272	2826049023	440000	1820	7414	2
273	2843200085	260000	1460	8944	2
274	2867300170	498000	3402	8487	3
275	2877101821	500000	1350	3750	1
276	2877102670	555000	1660	3750	1
277	2883200966	780000	1750	4800	1
278	2887701940	485000	1390	2700	1
279	2896000510	490000	2350	8605	2
280	2902201126	615000	1500	1301	1
281	2919701105	422000	1200	4220	1
282	2919702235	740000	1310	4800	1
283	2922701175	535000	1250	5700	2
284	2922703150	413252	1610	5530	1
285	2937300520	799990	3590	6054	2
286	2970800145	350500	1410	6550	1
287	2998800040	589000	2250	4800	2
288	3034200087	659950	2370	8050	2
289	3034200247	360000	1950	7548	2
290	3052700245	750000	1330	5000	1
291	3052700464	475000	1460	1403	1
292	3055800020	419950	1690	7920	2
293	3066200440	684680	2370	9720	2
294	3126049154	570000	1360	3192	1
295	3126049501	385000	1360	1167	1
296	3179100482	450000	1264	1892	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
297	3179102305	580000	2220	5912	2
298	3185600040	310000	1400	5500	1
299	3204300090	640000	1560	6000	1
300	3216900070	382500	1970	7000	2
301	3226049080	397000	1790	6900	3
302	3226049117	387500	1620	6126	2
303	3260800190	325000	2180	7611	2
304	3277800823	327000	1400	1498	1
305	3278606110	375000	1580	2212	1
306	3278612450	391000	1800	2380	1
307	3288100290	605000	2820	9576	3
308	3298600340	400000	2330	15360	3
309	3298700156	310000	1780	6771	2
310	3298700305	271000	850	5200	1
311	3300701440	409000	1060	4000	1
312	3305100210	825000	3070	8527	2
313	3307700150	950000	3200	8923	3
314	3319500385	400000	830	980	1
315	3327000140	235000	1250	7800	2
316	3329500730	220000	1410	7823	2
317	3330500085	366000	1210	3348	1
318	3331001910	312000	1660	5150	1
319	3331500121	342888	1460	5150	1
320	3336000052	221000	3040	6000	1
321	3336001946	263300	1175	5320	1
322	3339900640	200000	1260	7556	2
323	3343901961	255000	1900	10350	3
324	3343902510	719950	2360	6002	2
325	3352402250	119900	1760	6360	1
326	3362400431	518500	1620	3166	1
327	3384300100	160134	1190	9905	3
328	3396800280	637000	2170	15000	3
329	3396820010	542000	2320	12025	3
330	3423049165	240000	1660	11536	3
331	3438500798	275000	1560	6954	2
332	3448001412	295000	1128	1080	1
333	3448740360	418500	2190	5670	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
334	3448900320	610360	2720	7400	2
335	3500100025	300000	1370	8187	2
336	3528900160	655000	2410	4200	1
337	3529300330	370000	2090	7697	2
338	3530430100	187000	1150	3802	1
339	3542300060	210000	1300	9514	3
340	3544400236	494000	1640	3900	1
341	3566800125	425000	1520	5020	2
342	3574801110	405000	2160	8794	2
343	3574801490	385000	1930	8747	2
344	3575302575	532500	1560	7500	2
345	3575302759	365000	1280	7500	2
346	3578400500	558000	2020	14098	3
347	3579000410	500000	2230	7846	2
348	3579700080	383000	1990	10917	3
349	3598600049	224000	1560	8603	2
350	3626039279	395000	1350	6700	2
351	3629000080	237000	1640	8060	2
352	3629910210	699950	2470	4106	1
353	3629990020	449500	1630	2844	1
354	3630090110	690000	2880	2428	1
355	3630120880	780000	3310	5270	2
356	3630160610	765000	3140	5500	1
357	3644100065	257000	1240	1675	1
358	3649100304	400000	1720	11778	3
359	3677400445	475000	2090	4800	1
360	3726800201	410000	1260	3200	1
361	3746700120	857326	2015	11632	3
362	3750605349	210500	1310	9600	2
363	3755000310	325000	1220	10500	3
364	3758900037	865000	4220	10631	3
365	3782400190	329500	1690	9656	3
366	3782760080	410000	2070	4090	1
367	3790600080	434975	1860	9760	3
368	3793700210	299000	1400	13173	3
369	3797002585	660000	1650	3360	1
370	3814900210	471275	2316	4105	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
371	3818700185	400000	1760	10283	3
372	3862710050	437718	1800	3663	1
373	3862710200	414000	1800	3393	1
374	3867400180	715000	1930	4920	1
375	3876300310	439000	2060	8155	3
376	3876301140	575000	2110	7992	2
377	3876760430	269950	1840	6680	2
378	3878900270	466000	1930	5250	1
379	3878900681	272000	1560	5650	2
380	3882300100	490000	1510	10407	3
381	3885805300	595000	1440	8064	3
382	3885805325	710000	1460	8400	2
383	3889100029	810000	2620	8895	3
384	3904901450	445000	1650	4468	1
385	3904921100	674725	2760	9219	3
386	3904921120	711000	2770	9219	2
387	3904960910	635000	2580	7228	2
388	3905080730	535500	2050	5153	1
389	3905090410	760000	2150	7688	2
390	3905100380	535000	1860	4169	1
391	3918400143	710000	2440	7500	2
392	3942900010	380000	1550	6768	3
393	3946900010	500007	1730	6050	2
394	3971700940	330000	1410	9820	2
395	3975400190	509000	1670	4000	1
396	3990000050	465000	1970	9598	2
397	4019500160	493000	2070	4610	1
398	4022900569	405000	2000	12000	3
399	4022902505	470000	2420	10232	3
400	4027700021	680000	2500	14201	3
401	4027700466	340500	2000	8225	3
402	4027701220	259000	2410	9000	3
403	4037400295	618000	1720	8500	2
404	4037500110	404000	1840	9044	3
405	4039300810	427000	1800	7920	1
406	4046700140	340000	1800	15092	3
407	4058800500	416100	2240	7200	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
408	4077800376	600000	2310	7781	2
409	4083302485	913000	1890	4000	1
410	4083305445	650000	2030	4590	1
411	4123800330	335000	1670	6203	2
412	4123810090	393000	2040	11717	3
413	4137030040	299995	1950	8220	2
414	4137070830	269100	2190	7669	2
415	4139440360	850000	2901	8567	3
416	4139440460	751305	2920	10697	2
417	4139660040	760000	3670	14450	3
418	4174600055	360000	2500	6022	2
419	4174600072	539500	2500	5722	2
420	4174600386	310000	1950	5500	1
421	4178500150	289000	1670	6801	2
422	4202400078	175000	1540	6000	2
423	4206901435	650000	1310	4000	1
424	4217400420	907000	2600	6000	2
425	4222500020	256400	1570	7800	2
426	4229900140	310000	980	6125	2
427	4232901525	665000	1170	3600	1
428	4250200140	298500	2030	5880	2
429	4279200060	420000	1650	9900	3
430	4302200535	219000	900	5160	1
431	4302200625	335000	1160	5120	1
432	4302201005	353900	1320	7680	2
433	4303200555	265000	920	5160	1
434	4310701577	382000	1410	1253	1
435	4312700200	195000	1150	10222	2
436	4318200440	432000	1470	1668	1
437	4324500490	215000	1620	8760	3
438	4358700186	275000	1190	1095	1
439	4375700065	315275	1500	8040	2
440	4385701440	765000	2070	4000	1
441	5006000170	293000	1130	8652	2
442	5016001535	725000	1740	4000	1
443	5021900160	711000	2180	10800	3
444	5036300575	951250	2060	5400	2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
445	5088500310	435000	2660	11355	3
446	5089700750	320000	2310	8480	2
447	5100403952	440000	1090	5413	1
448	5101405465	463000	1730	6380	1
449	5104511840	449950	2800	6600	2
450	5104520150	426000	3740	8494	2
451	5104650020	429000	2340	9472	2
452	5113400364	650000	1440	6000	2
453	5126300650	482000	2400	6550	2
454	5126400230	199000	970	8027	2
455	5147600095	152000	950	7740	2
456	5151600120	310000	2280	12477	3
457	5151600300	390000	2370	12497	3
458	5152100160	357000	2800	13988	3
459	5152800030	485000	2850	14904	3
460	5244801230	682000	1960	4000	1
461	5252000170	250000	1590	10800	3
462	5255200220	405000	1950	8449	2
463	5332200320	675000	2250	4000	1
464	5363200266	420000	1510	5854	1
465	5379804393	325000	1480	10016	2
466	5381000477	399500	1260	11541	2
467	5411600180	715000	3940	4848	2
468	5422420120	252000	1790	6607	2
469	5422570260	405000	1700	5760	1
470	5423500240	194000	1430	7245	2
471	5425700150	787500	2010	9382	2
472	5437810320	269950	1950	8941	2
473	5450300020	900000	1720	13500	3
474	5466310060	139500	1660	2243	1
475	5468760050	270000	2140	5806	3
476	5468780020	330000	2200	5901	2
477	5469500640	583500	2960	13000	3
478	5469502860	350000	2900	14800	3
479	5469503280	449950	1850	9438	3
480	5470100090	210000	1320	9600	2
481	5541300135	674600	1190	5101	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
482	5556300102	933399	2720	11941	3
483	5560000480	169950	840	8450	2
484	5561710110	319990	2050	7475	2
485	5592900230	320000	1800	7400	2
486	5608010980	878000	3290	9642	3
487	5631500400	180000	2720	8062	3
488	5635100080	359950	2419	8984	2
489	5651010300	370000	1890	5018	1
490	5668500045	375000	1660	9069	2
491	5680000545	330000	2090	5400	1
492	5694001061	587206	1680	1562	1
493	5700001920	877500	2730	5800	2
494	5727000010	319990	1990	5313	1
495	5727500561	255544	1610	7453	2
496	6003500743	640000	1410	958	1
497	6056100312	395000	1600	1936	1
498	6056100380	415000	1690	1936	1
499	6056111067	230000	1210	1552	1
500	6071200455	550000	1770	9220	2
501	6072400470	518000	2070	9683	3
502	6084600420	245000	1570	8306	2
503	6130500120	428000	1650	1965	1
504	6131600255	202500	1250	8316	2
505	6145602355	325000	1230	3844	1
506	6150200280	375000	1490	6800	2
507	6150200330	358000	1150	6800	1
508	6150200375	227000	1220	6800	2
509	6181700625	590000	2500	10680	3
510	6204420290	560000	2410	11514	2
511	6205500580	530000	2120	12432	3
512	6300000320	359950	1190	5692	2
513	6300500477	401500	1509	2431	1
514	6306800010	436472	2574	14446	2
515	6306800020	452000	2580	14448	2
516	6306810110	485230	2873	8269	3
517	6308000020	590000	2290	5089	1
518	6371500040	585000	1360	4800	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
519	6380500135	326100	1370	7695	2
520	6383000820	685900	1770	8035	2
521	6384500590	526000	1360	6125	2
522	6385910260	272750	1780	8664	2
523	6403510130	490000	2710	7620	2
524	6413600285	402000	1500	6128	2
525	6600400090	207500	1200	9750	3
526	6600490250	269000	2060	3608	1
527	6607000126	375000	1600	5766	2
528	6619910260	536650	2310	10695	2
529	6639900219	419900	1920	14550	1
530	6662410070	420000	2190	9900	3
531	6669020500	330000	2180	7680	2
532	6669150790	265000	1750	7004	2
533	6669240230	306000	2403	5703	2
534	6678900140	685000	2210	8976	2
535	6699940140	352000	2470	5100	1
536	6749700006	306000	1110	1384	1
537	6751300375	415000	1470	8712	2
538	6752600050	320000	2130	8100	2
539	6791000280	476000	2040	12220	2
540	6804600550	439000	1950	9600	2
541	6821102170	794154	2190	7975	2
542	6840700036	497000	960	4800	1
543	6843600040	475000	2040	7360	2
544	6844700810	438924	1770	5400	1
545	6865200981	517000	1660	4000	1
546	6977000040	625000	3050	4673	3
547	7010700210	605004	2010	5720	1
548	7010700936	799000	1440	4400	1
549	7011201550	780000	2050	3505	1
550	7016000440	525000	1980	7395	2
551	7116500125	189000	1380	5906	1
552	7129302185	290000	1250	5650	2
553	7131300025	210000	1540	5110	1
554	7133300380	635000	1480	4300	1
555	7169200221	497000	1450	1429	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
556	7183000070	369160	2360	9647	3
557	7200001005	593777	1310	9450	3
558	7202260330	583000	2330	4517	1
559	7202330170	438000	1560	3070	1
560	7202330410	491150	1650	3148	1
561	7202350060	475000	1690	2730	1
562	7203101970	362764	1740	4622	1
563	7203600530	525000	2220	4853	1
564	7211401485	285000	1030	5000	1
565	7211401975	260000	1440	5000	1
566	7212660520	280000	1870	7455	2
567	7217400650	458500	1280	3150	1
568	7224500010	253000	1120	5000	1
569	7225000090	245000	1280	4500	1
570	7226000110	205000	1430	4500	1
571	7227800055	247000	1440	7865	2
572	7228500425	590000	1310	2370	1
573	7237450550	363990	2530	4315	1
574	7298050110	420000	3530	11205	3
575	7299600920	279000	1798	4800	1
576	7299601460	329900	1798	4942	1
577	7300700050	325000	1530	6960	2
578	7304301005	350000	1220	11242	3
579	7312200120	450000	1810	9768	3
580	7327500200	455000	1480	14400	3
581	7327902612	269500	1100	5000	1
582	7334600170	345000	1390	11860	3
583	7345200650	219200	1540	7480	2
584	7390400026	315000	2210	9240	2
585	7399300120	260000	2130	8502	2
586	7399300510	294900	1600	7896	2
587	7436400020	585000	1920	8518	2
588	7436500360	510000	2040	7810	2
589	7454000555	272000	740	6300	2
590	7454001075	240000	900	7425	3
591	7454001210	239000	1030	6512	2
592	7504000230	675000	2850	12410	3

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
593	7504001430	539000	2580	12224	3
594	7504020960	879900	2910	12428	3
595	7504030090	660000	2600	12000	3
596	7504100920	688000	3130	12150	3
597	7504101230	675000	3100	12672	3
598	7511800070	264000	1380	8976	3
599	7518501140	300000	1590	3825	1
600	7518507685	400000	1540	5100	1
601	7525300260	502000	2730	9915	2
602	7549801385	280000	1420	6720	2
603	7549801565	311000	1460	3240	2
604	7550800015	550000	1760	5000	1
605	7555210340	752500	2360	9337	2
606	7569450480	286000	1800	5559	1
607	7588700177	310000	980	4241	1
608	7614100020	265000	1760	7903	3
609	7625700012	370000	1520	3001	1
610	7625701891	435000	1470	6000	1
611	7625702400	355000	1350	6250	2
612	7655900038	296000	1330	8396	2
613	7658600081	555000	910	1745	1
614	7686202635	185000	1240	8000	2
615	7686205370	260000	1040	7500	1
616	7691800130	650000	2620	6720	2
617	7697800170	270000	2100	9658	2
618	7697920150	240000	1860	6930	2
619	7702010050	590000	2500	5802	2
620	7715600070	385000	1320	8928	3
621	7732410380	907500	2670	9000	2
622	7787050180	585000	3080	7274	2
623	7787100210	450000	2150	7746	2
624	7788000100	393000	2000	12988	3
625	7789900030	319990	1610	8827	3
626	7812801125	222900	1150	6504	2
627	7812801925	230000	1270	6600	2
628	7844200120	340000	1900	8750	2
629	7849202231	337000	1490	4400	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
630	7852030320	470000	2360	4231	1
631	7852030330	480000	2360	4427	1
632	7852090810	515000	2500	4798	1
633	7852110070	567500	2580	6983	2
634	7852160070	937500	3950	13591	3
635	7853230200	470000	2480	5874	1
636	7853300290	490000	2060	5292	2
637	7853320470	516000	2430	5519	2
638	7853321260	492000	2430	5900	2
639	7853340660	382000	1760	2992	1
640	7853380570	701000	3220	5500	1
641	7853420110	594866	2850	6000	2
642	7856610160	925000	2640	11000	3
643	7856620210	812500	2710	9900	3
644	7856700920	699900	2580	9700	3
645	7883602650	250000	980	6000	1
646	7883603965	315000	1210	6000	1
647	7891600165	295000	1340	5000	1
648	7893203450	280000	1260	7500	3
649	7893808220	250000	1420	8790	2
650	7896300070	265000	1060	6034	2
651	7899800476	267100	1250	1361	1
652	7899800730	270000	1300	1182	1
653	7922720040	680000	2500	10265	2
654	7923300115	571900	1360	10133	2
655	7923300285	650000	1530	9335	2
656	7935000125	440000	1380	7500	2
657	7950302995	497950	1540	4300	1
658	7956200220	169500	1060	10023	3
659	7960100120	600000	1280	3600	1
660	7961500010	245000	2230	10753	3
661	7967000200	345500	2050	4000	1
662	7968200090	335000	2270	7246	2
663	7972000200	264950	1510	9753	3
664	7972600910	433000	1170	5950	1
665	7972601030	426000	1220	7200	2
666	7974700122	659500	2330	6050	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
667	8024200674	461000	1270	1413	1
668	8024200684	419500	1270	1413	1
669	8025700460	279000	1840	7275	2
670	8032700175	420000	1560	1602	1
671	8062900030	275000	1270	8099	2
672	8078410210	566000	1850	8869	2
673	8079010230	475000	2350	7225	2
674	8091411100	334000	1950	7464	2
675	8091670030	383000	2160	5555	2
676	8091670190	382495	2310	5117	1
677	8096600050	510000	1770	9600	2
678	8100400110	557500	2160	11424	3
679	8113101582	515000	1900	7296	1
680	8121200530	479000	1710	9859	2
681	8133300050	200500	1800	9705	2
682	8146100610	672000	1390	8573	2
683	8165501640	309950	1460	1826	1
684	8562750060	825000	3960	5431	2
685	8562790720	749950	2620	2699	1
686	8562791010	593000	2310	2680	1
687	8562890280	310000	2890	5190	1
688	8562891100	381500	2430	5556	2
689	8563000130	445000	2090	9944	3
690	8563020380	519900	2260	9299	2
691	8564860270	502000	2680	5992	2
692	8582010240	606000	2520	10194	3
693	8649401000	241000	970	9750	3
694	8651402660	175409	1060	5200	1
695	8651402700	202950	1130	5200	1
696	8651410090	209000	920	5100	1
697	8651411420	218000	980	5070	1
698	8651442060	214950	1380	5200	1
699	8661000033	235000	1400	8490	2
700	8663310050	510000	1990	7758	3
701	8670000060	535000	2390	10052	3
702	8682220230	779950	2310	7395	2
703	8682280170	850000	1810	4764	2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
704	8682320350	741500	1640	4680	2
705	8691390280	775000	2980	5509	1
706	8724300010	548000	2320	5465	1
707	8731950910	227000	2040	8214	2
708	8731951370	269000	2190	8910	3
709	8731960050	302300	1900	9000	2
710	8731982630	240000	2010	8000	2
711	8819901030	810000	1920	5350	2
712	8820901792	640000	2830	10080	2
713	8825900465	599000	1960	3960	1
714	8827901415	613000	2120	4480	1
715	8832900135	769000	2820	13138	3
716	8835200230	475000	1540	5000	1
717	8851500050	262000	1390	8025	2
718	8856890200	350000	1780	8810	3
719	8864000970	273500	1230	6000	2
720	8901001170	458000	1450	7500	2
721	8917100180	583000	2250	12255	3
722	8929000230	550000	1690	1899	1
723	8929000250	395000	1700	2285	1
724	8944290200	233703	1510	3994	1
725	8944310330	375000	1540	5000	2
726	8945100320	136500	1200	8580	2
727	8946390040	375000	2527	5804	2
728	8946750140	282000	1677	3600	1
729	8961800035	229000	1140	7408	2
730	8965000050	515000	1760	10200	3
731	9103000365	915000	2660	4000	1
732	9117000170	268643	1660	9240	2
733	9126100813	490000	1560	1728	1
734	9126101090	615000	1346	3472	1
735	9137101696	605000	1210	1230	1
736	9161100730	620000	1240	6325	2
737	9178600055	695000	1800	5700	1
738	9187200245	441000	2020	4000	1
739	9198600035	240000	1850	8594	2
740	9201000480	550000	2850	14323	2

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
741	9221400600	462000	1180	2820	1
742	9238900390	460000	1770	6175	2
743	9238900850	688000	1840	4998	1
744	9238901420	442000	1690	5100	1
745	9264920620	330000	2110	7911	2
746	9265410090	160000	1530	8006	2
747	9266700845	325000	1050	5100	1
748	9268851020	735000	2600	2843	1
749	9269200150	390000	1440	4920	1
750	9269260100	475000	2460	4645	1
751	9297800165	430000	1410	4840	1
752	9306500200	432500	2130	6000	2
753	9315300260	189650	1230	7350	2
754	9320990110	340000	1720	5544	1
755	9323610260	828000	3130	10950	3
756	9324300030	264500	2110	11385	3
757	9331800580	257000	1270	5000	1
758	9346910500	700000	2690	8850	3
759	9353300090	360000	1450	10723	3
760	9353300600	348500	1650	10726	3
761	9358002375	420000	1360	3202	2
762	9368700270	137900	1730	6000	1
763	9393700140	420000	1220	5120	1
764	9406520550	307500	1975	9161	2
765	9406570290	314000	2980	6718	2
766	9407100720	290000	1430	10725	3
767	9414500230	440000	2050	10488	3
768	9422400035	477500	1600	5400	2
769	9423400193	473000	1860	9000	2
770	9455200596	357500	1450	7800	2
771	9459200120	400000	1400	3800	1
772	9460000110	280000	2520	6500	2
773	9468200163	680000	1620	5050	2
774	9476200020	254000	1010	8000	2
775	9477000280	412500	1580	7440	2
776	9477001410	425500	1550	8039	3
777	9485760050	297950	1960	5019	1

King County House Sales Cluster Analysis

Obs	Id	Price	sqft_living15	sqft_lot15	CLUSTER
778	9510900140	305000	1600	7600	2
779	9517200610	370000	1770	11839	3
780	9523102420	535000	1890	5000	1
781	9524100196	239000	690	1059	1
782	9525600030	631500	2050	4400	1
783	9528100963	719000	1466	1455	1
784	9536601996	149500	1240	9450	2
785	9542100165	875000	3160	15300	3
786	9542801990	266500	1840	8528	2
787	9542830210	300000	1960	3558	1
788	9543000896	237000	1400	10022	2
789	9544700730	914500	3200	10856	3
790	9557300040	539000	1930	7245	2
791	9558021000	348000	1900	2992	1
792	9558200080	295000	1250	8125	2
793	9577800005	775000	2630	5000	1
794	9578060470	494000	2440	4711	1
795	9578090180	850000	3200	6984	2
796	9808590210	860000	3290	11385	3
797	9818700215	464000	1330	4000	1
798	9828700685	900000	1330	4800	2
799	9828702095	439000	1580	2566	1
800	9828702251	579000	1590	1231	1
801	9834201145	635000	1560	4080	1

King County House Sales Cluster Analysis

The GLM Procedure

Class Level Information		
Class	Levels	Values
CLUSTER	3	1 2 3

Number of Observations Read	801
Number of Observations Used	801

King County House Sales Cluster Analysis

The GLM Procedure

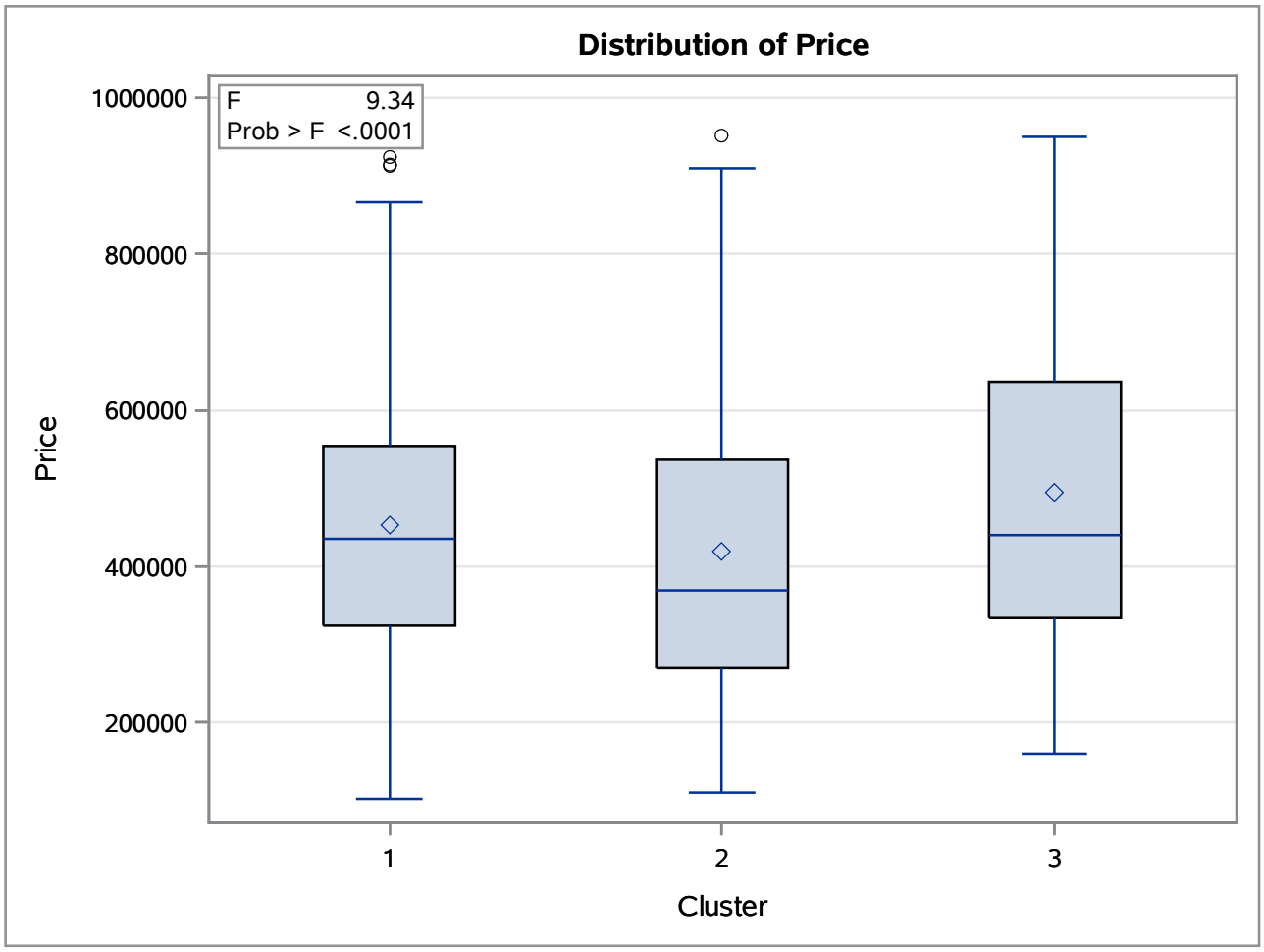
Dependent Variable: Price

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	645299134878	322649567439	9.34	<.0001
Error	798	2.7579943E13	34561331623		
Corrected Total	800	2.8225242E13			

R-Square	Coeff Var	Root MSE	Price Mean
0.022862	41.58546	185906.8	447047.5

Source	DF	Type I SS	Mean Square	F Value	Pr > F
CLUSTER	2	645299134878	322649567439	9.34	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
CLUSTER	2	645299134878	322649567439	9.34	<.0001



King County House Sales Cluster Analysis

The GLM Procedure

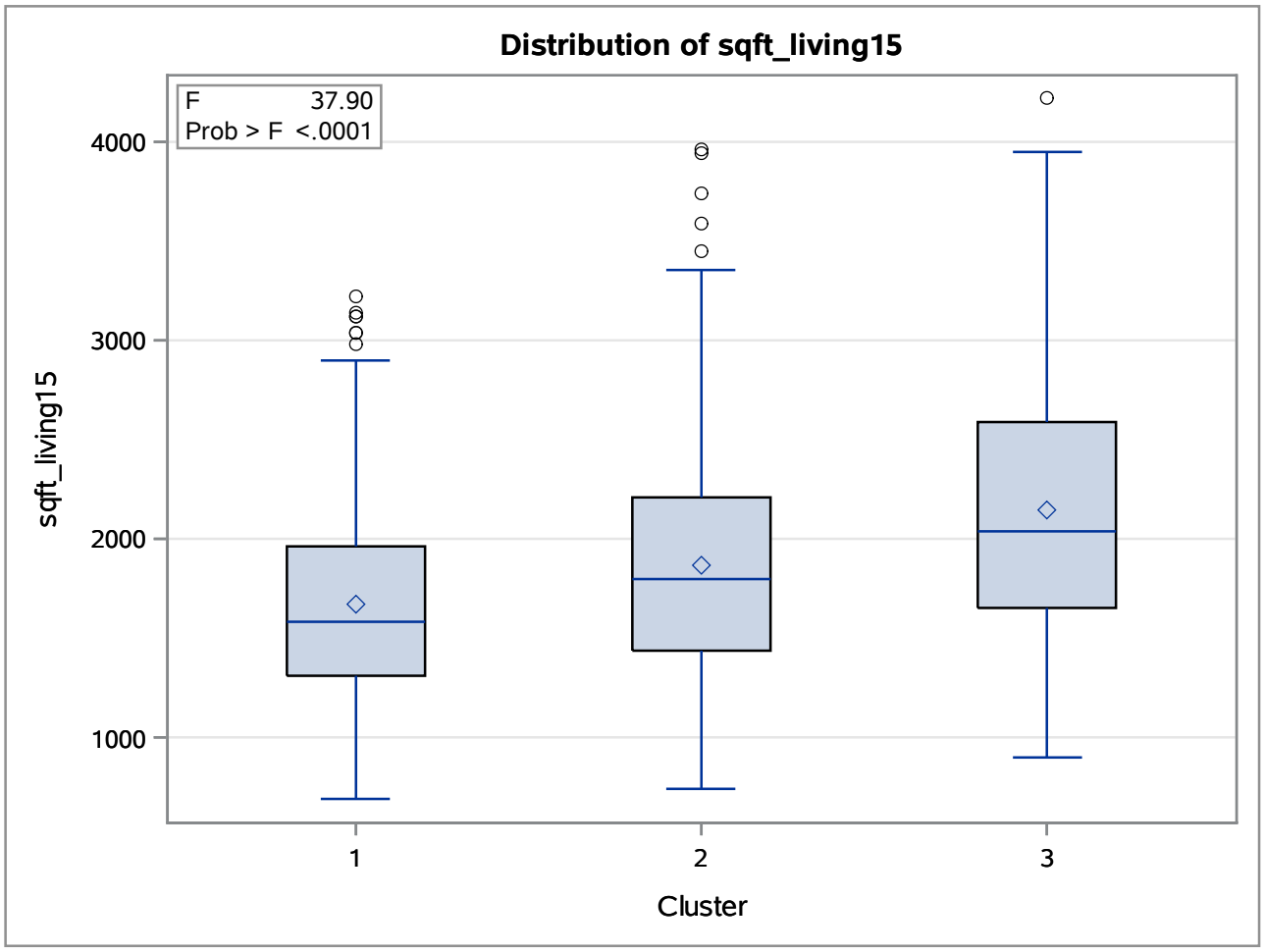
Dependent Variable: sqft_living15

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	23661542.6	11830771.3	37.90	<.0001
Error	798	249111056.7	312169.2		
Corrected Total	800	272772599.3			

R-Square	Coeff Var	Root MSE	sqft_living15 Mean
0.086745	30.12957	558.7211	1854.395

Source	DF	Type I SS	Mean Square	F Value	Pr > F
CLUSTER	2	23661542.59	11830771.30	37.90	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
CLUSTER	2	23661542.59	11830771.30	37.90	<.0001



King County House Sales Cluster Analysis

The GLM Procedure

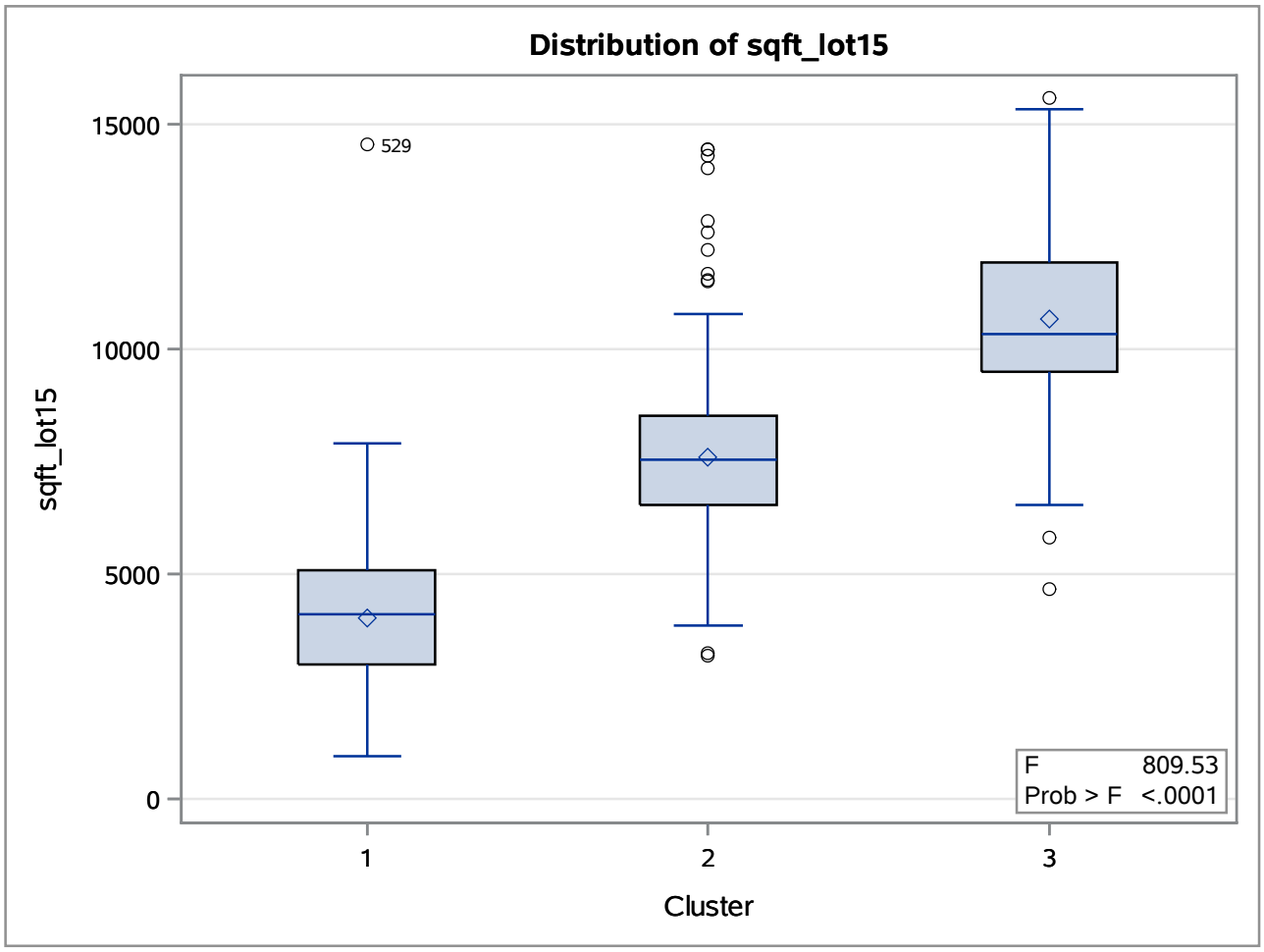
Dependent Variable: sqft_lot15

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	4947343958	2473671979	809.53	<.0001
Error	798	2438443197	3055693		
Corrected Total	800	7385787154			

R-Square	Coeff Var	Root MSE	sqft_lot15 Mean
0.669847	25.24701	1748.054	6923.808

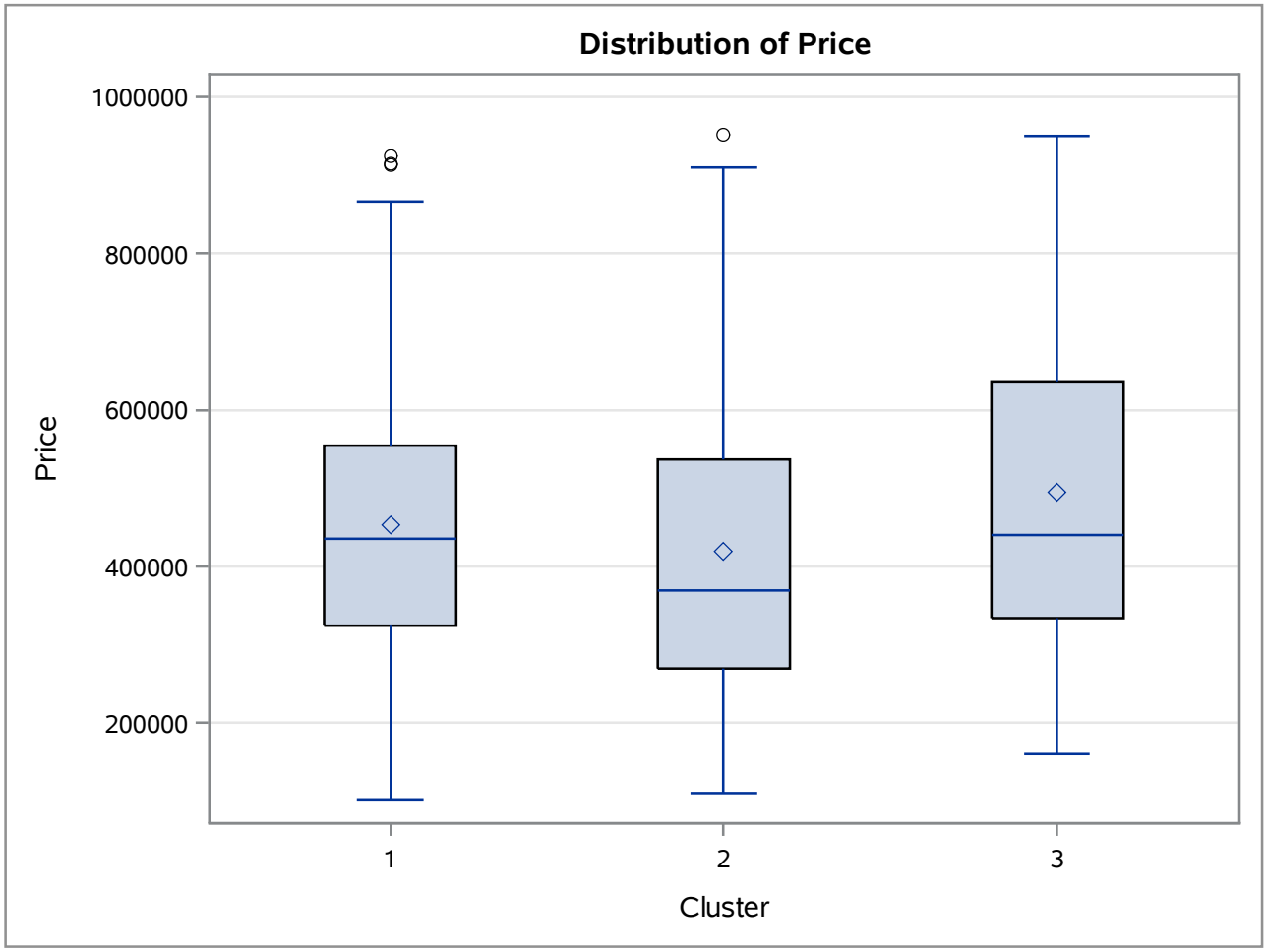
Source	DF	Type I SS	Mean Square	F Value	Pr > F
CLUSTER	2	4947343958	2473671979	809.53	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
CLUSTER	2	4947343958	2473671979	809.53	<.0001



King County House Sales Cluster Analysis

The GLM Procedure



King County House Sales Cluster Analysis

The GLM Procedure

t Tests (LSD) for Price

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3.456E10
Critical Value of t	1.96294
Least Significant Difference	33241
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	**Mean**	**N**	**CLUSTER**
A	494337	163	3
B	453575	293	1
C	419161	345	2

King County House Sales Cluster Analysis

The GLM Procedure

Duncan's Multiple Range Test for Price

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3.456E10
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	33241	34998

Means with the same letter are not significantly different.			
Duncan Grouping	**Mean**	**N**	**CLUSTER**
A	494337	163	3
B	453575	293	1
C	419161	345	2

King County House Sales Cluster Analysis

The GLM Procedure

Student-Newman-Keuls Test for Price

Note: This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3.456E10
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	33241.483	39763.792

Means with the same letter are not significantly different.			
SNK Grouping	**Mean**	**N**	**CLUSTER**
A	494337	163	3
B	453575	293	1
C	419161	345	2

King County House Sales Cluster Analysis

The GLM Procedure

Tukey's Studentized Range (HSD) Test for Price

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3.456E10
Critical Value of Studentized Range	3.32070
Minimum Significant Difference	39764
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	**Mean**	**N**	**CLUSTER**
A	494337	163	3
B	453575	293	1
B			
B	419161	345	2

King County House Sales Cluster Analysis

The GLM Procedure

Scheffe's Test for Price

Note: This test controls the Type I experimentwise error rate.

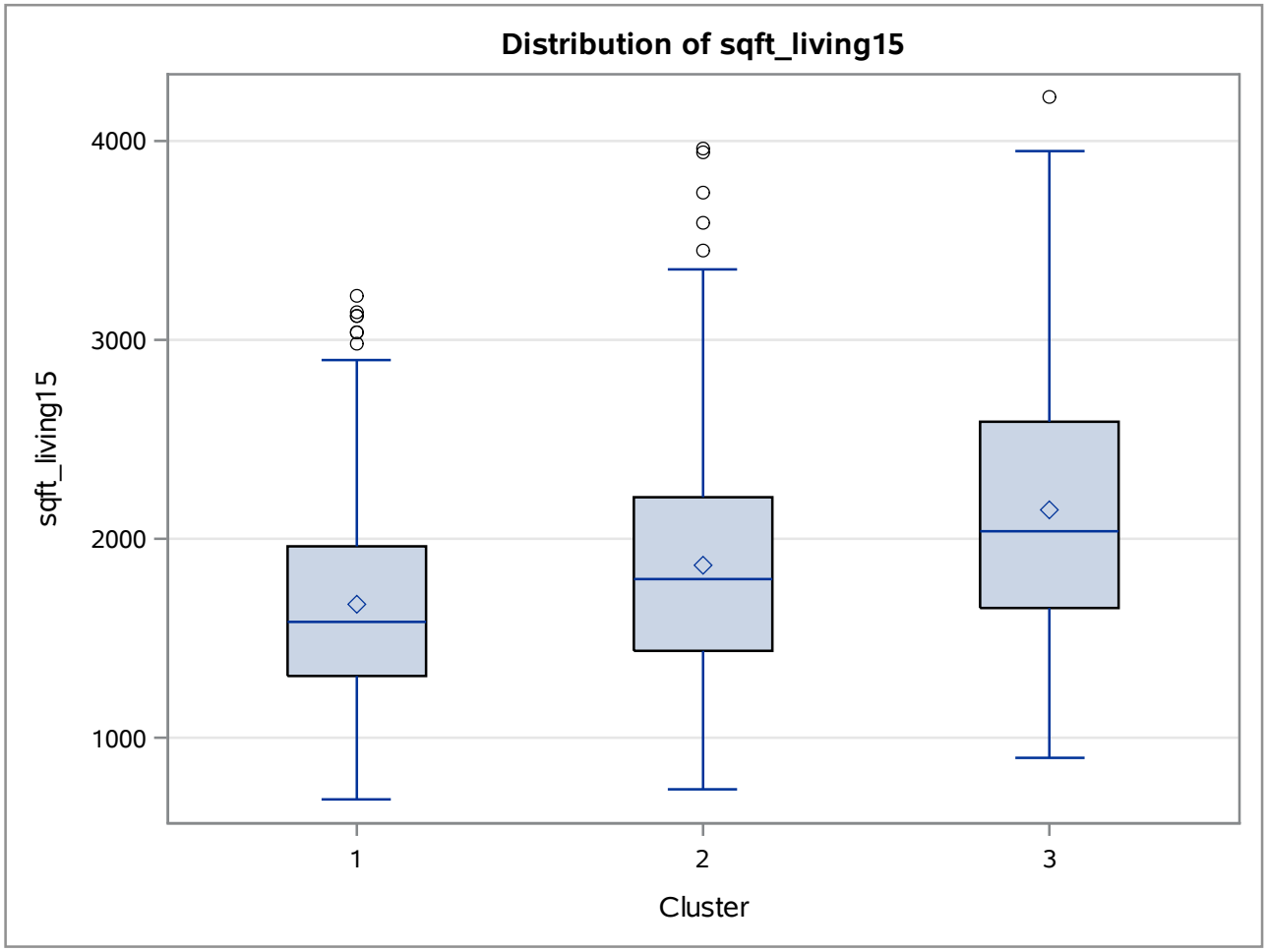
Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3.456E10
Critical Value of F	3.00701
Minimum Significant Difference	41529
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.				
Scheffe Grouping		**Mean**	**N**	**CLUSTER**
	A	494337	163	3
	A			
B	A	453575	293	1
B				
B		419161	345	2

King County House Sales Cluster Analysis

The GLM Procedure



King County House Sales Cluster Analysis

The GLM Procedure

t Tests (LSD) for sqft_living15

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	312169.2
Critical Value of t	1.96294
Least Significant Difference	99.903
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	**Mean**	**N**	**CLUSTER**
A	2147.49	163	3
B	1869.49	345	2
C	1673.57	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Duncan's Multiple Range Test for sqft_living15

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	312169.2
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	99.9	105.2

Means with the same letter are not significantly different.			
Duncan Grouping	**Mean**	**N**	**CLUSTER**
A	2147.49	163	3
B	1869.49	345	2
C	1673.57	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Student-Newman-Keuls Test for sqft_living15

Note: This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	312169.2
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	99.903386	119.50542

Means with the same letter are not significantly different.

SNK Grouping	Mean	N	CLUSTER
A	2147.49	163	3
B	1869.49	345	2
C	1673.57	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Tukey's Studentized Range (HSD) Test for sqft_living15

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	312169.2
Critical Value of Studentized Range	3.32070
Minimum Significant Difference	119.51
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	**Mean**	**N**	**CLUSTER**
A	2147.49	163	3
B	1869.49	345	2
C	1673.57	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Scheffe's Test for sqft_living15

Note: This test controls the Type I experimentwise error rate.

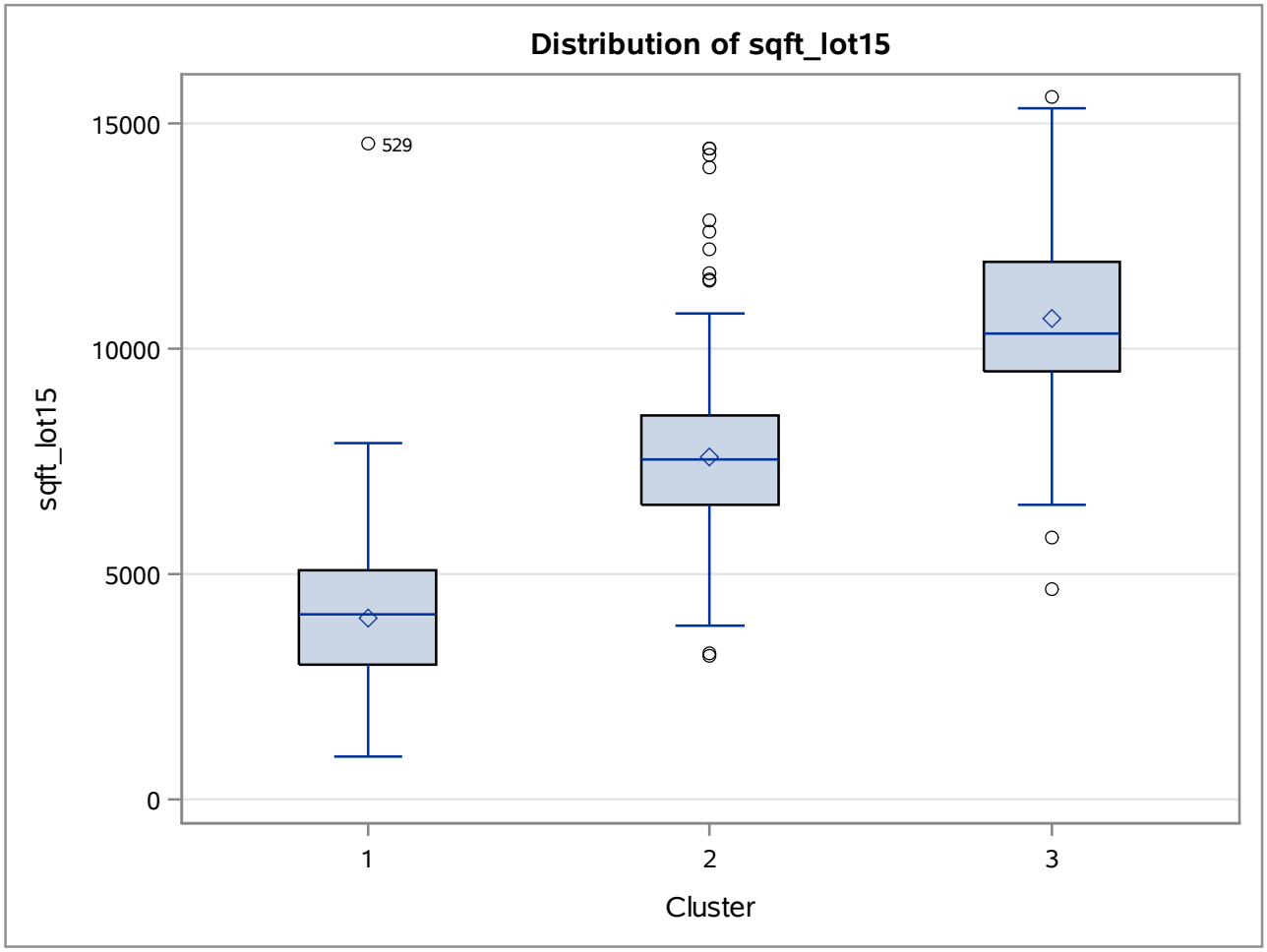
Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	312169.2
Critical Value of F	3.00701
Minimum Significant Difference	124.81
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	**Mean**	**N**	**CLUSTER**
A	2147.49	163	3
B	1869.49	345	2
C	1673.57	293	1

King County House Sales Cluster Analysis

The GLM Procedure



King County House Sales Cluster Analysis

The GLM Procedure

t Tests (LSD) for sqft_lot15

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3055693
Critical Value of t	1.96294
Least Significant Difference	312.56
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	**Mean**	**N**	**CLUSTER**
A	10690.3	163	3
B	7611.1	345	2
C	4019.2	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Duncan's Multiple Range Test for sqft_lot15

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3055693
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	312.6	329.1

Means with the same letter are not significantly different.			
Duncan Grouping	**Mean**	**N**	**CLUSTER**
A	10690.3	163	3
B	7611.1	345	2
C	4019.2	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Student-Newman-Keuls Test for sqft_lot15

Note: This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3055693
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Number of Means	**2**	**3**
Critical Range	312.56477	373.89309

Means with the same letter are not significantly different.			
SNK Grouping	**Mean**	**N**	**CLUSTER**
A	10690.3	163	3
B	7611.1	345	2
C	4019.2	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Tukey's Studentized Range (HSD) Test for sqft_lot15

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3055693
Critical Value of Studentized Range	3.32070
Minimum Significant Difference	373.89
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	**Mean**	**N**	**CLUSTER**
A	10690.3	163	3
B	7611.1	345	2
C	4019.2	293	1

King County House Sales Cluster Analysis

The GLM Procedure

Scheffe's Test for sqft_lot15

Note: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	798
Error Mean Square	3055693
Critical Value of F	3.00701
Minimum Significant Difference	390.49
Harmonic Mean of Cell Sizes	241.0318

Note: Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	**Mean**	**N**	**CLUSTER**
A	10690.3	163	3
B	7611.1	345	2
C	4019.2	293	1

King County House Sales Cluster Analysis

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
CLUSTER	2	2.793E22	1.397E22	6.98	0.0010
Error	798	1.598E24	2.002E21		

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
CLUSTER	2	1.472E11	7.362E10	5.17	0.0059
Error	798	1.136E13	1.423E10		

Bartlett's Test for Homogeneity of Price Variance			
Source	DF	Chi-Square	Pr > ChiSq
CLUSTER	2	11.3638	0.0034

Levene's Test for Homogeneity of sqft_living15 Variance ANOVA of Squared Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
CLUSTER	2	2.956E12	1.478E12	6.24	0.0020
Error	798	1.889E14	2.367E11		

Brown and Forsythe's Test for Homogeneity of sqft_living15 Variance ANOVA of Absolute Deviations from Group Medians					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
CLUSTER	2	2145026	1072513	8.68	0.0002
Error	798	98581888	123536		

Bartlett's Test for Homogeneity of sqft_living15 Variance			
Source	DF	Chi-Square	Pr > ChiSq
CLUSTER	2	14.9152	0.0006

King County House Sales Cluster Analysis

The GLM Procedure

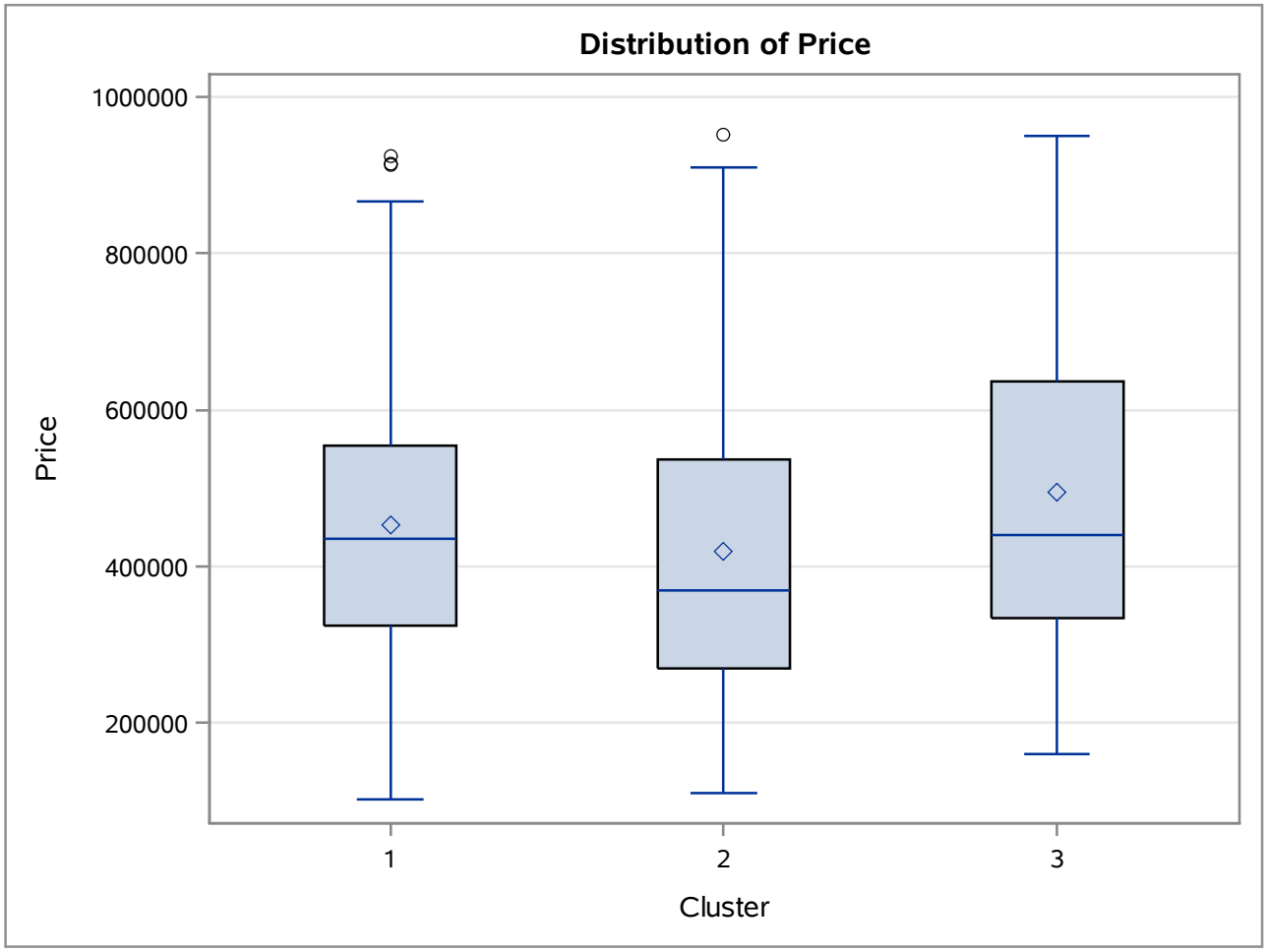
Levene's Test for Homogeneity of sqft_lot15 Variance ANOVA of Squared Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
CLUSTER	2	2.784E14	1.392E14	3.49	0.0310
Error	798	3.185E16	3.991E13		

Brown and Forsythe's Test for Homogeneity of sqft_lot15 Variance ANOVA of Absolute Deviations from Group Medians					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
CLUSTER	2	14931142	7465571	5.66	0.0036
Error	798	1.0522E9	1318601		

Bartlett's Test for Homogeneity of sqft_lot15 Variance			
Source	DF	Chi-Square	Pr > ChiSq
CLUSTER	2	13.0424	0.0015

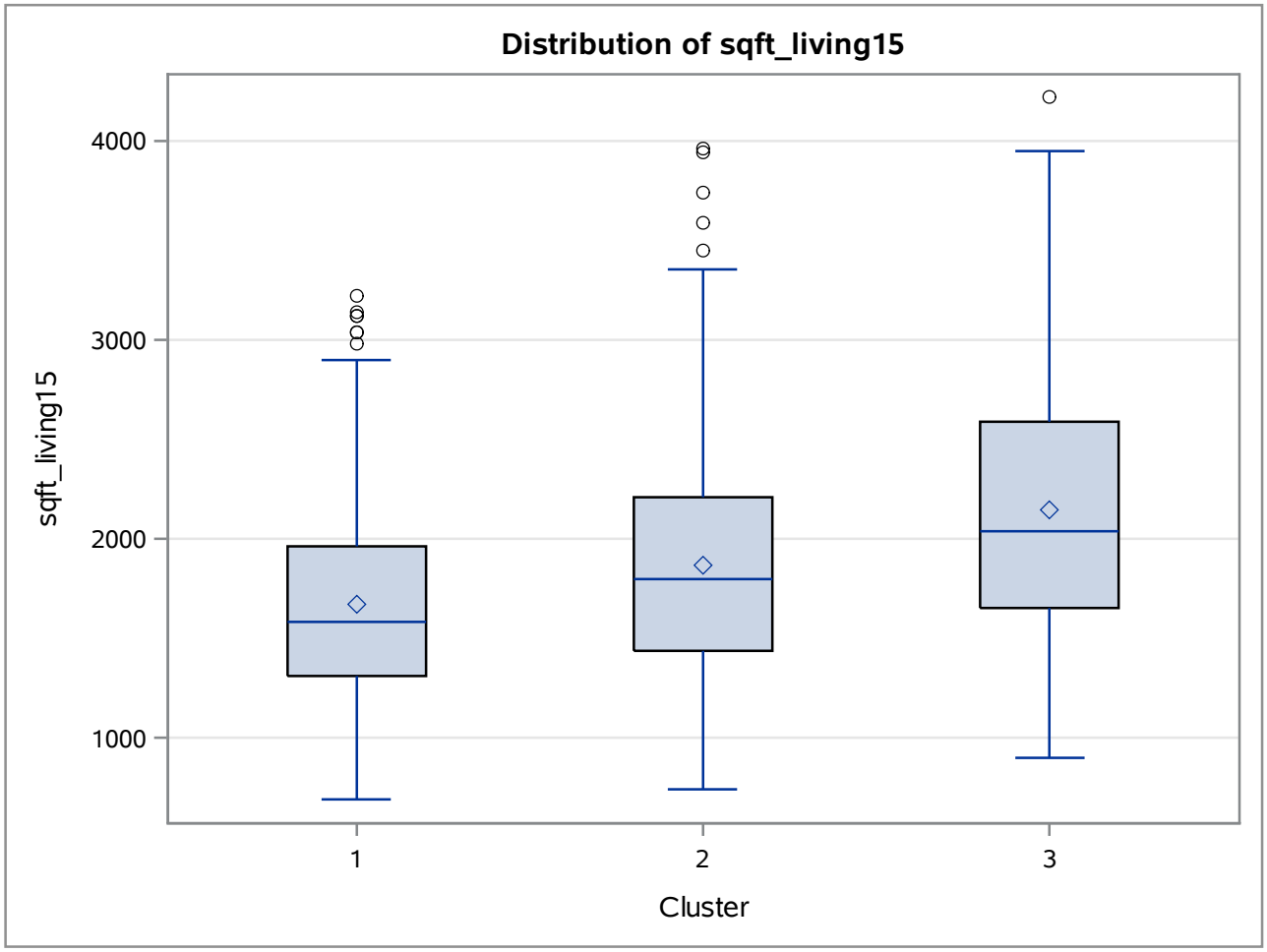
King County House Sales Cluster Analysis

The GLM Procedure



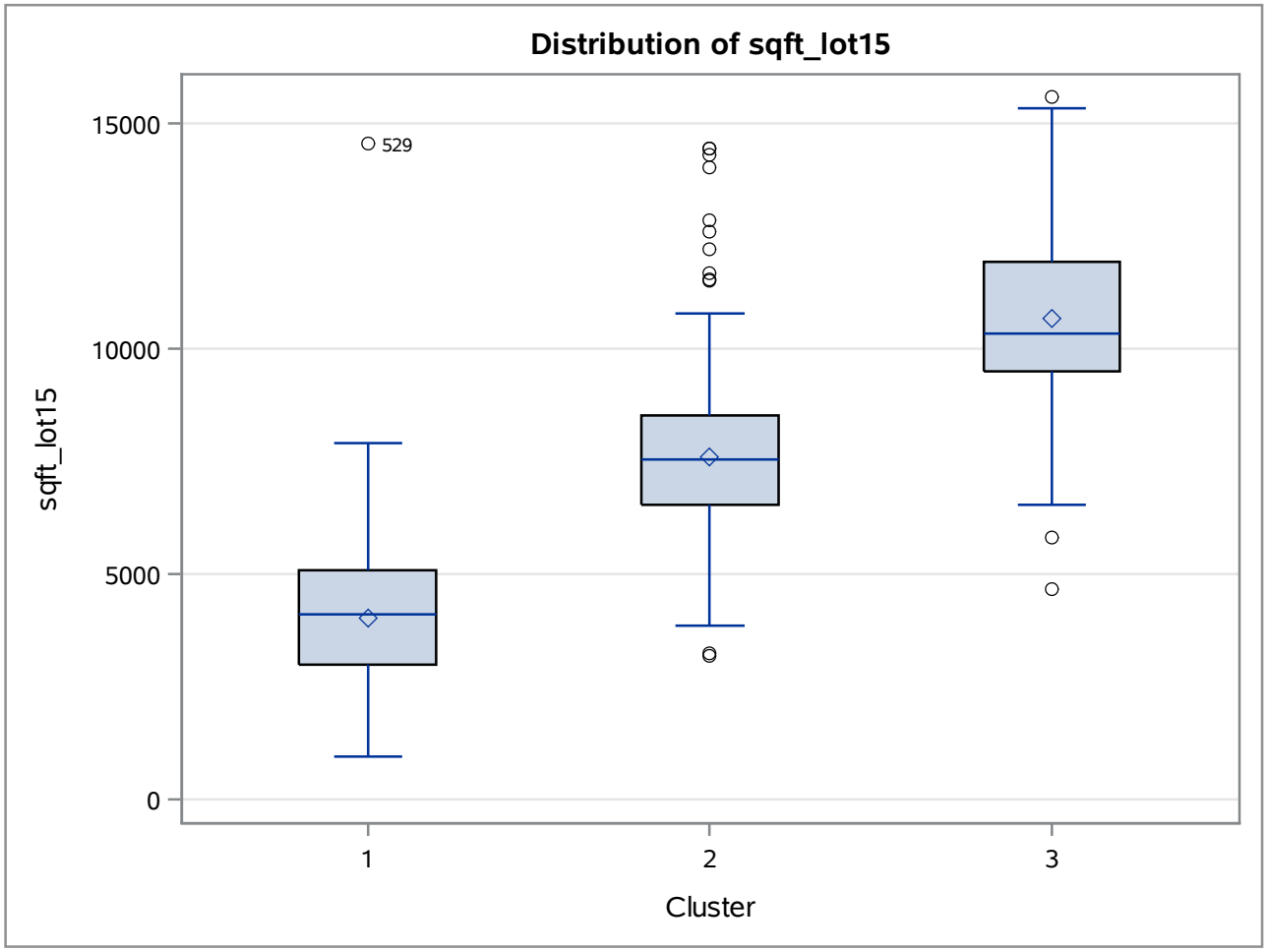
King County House Sales Cluster Analysis

The GLM Procedure



King County House Sales Cluster Analysis

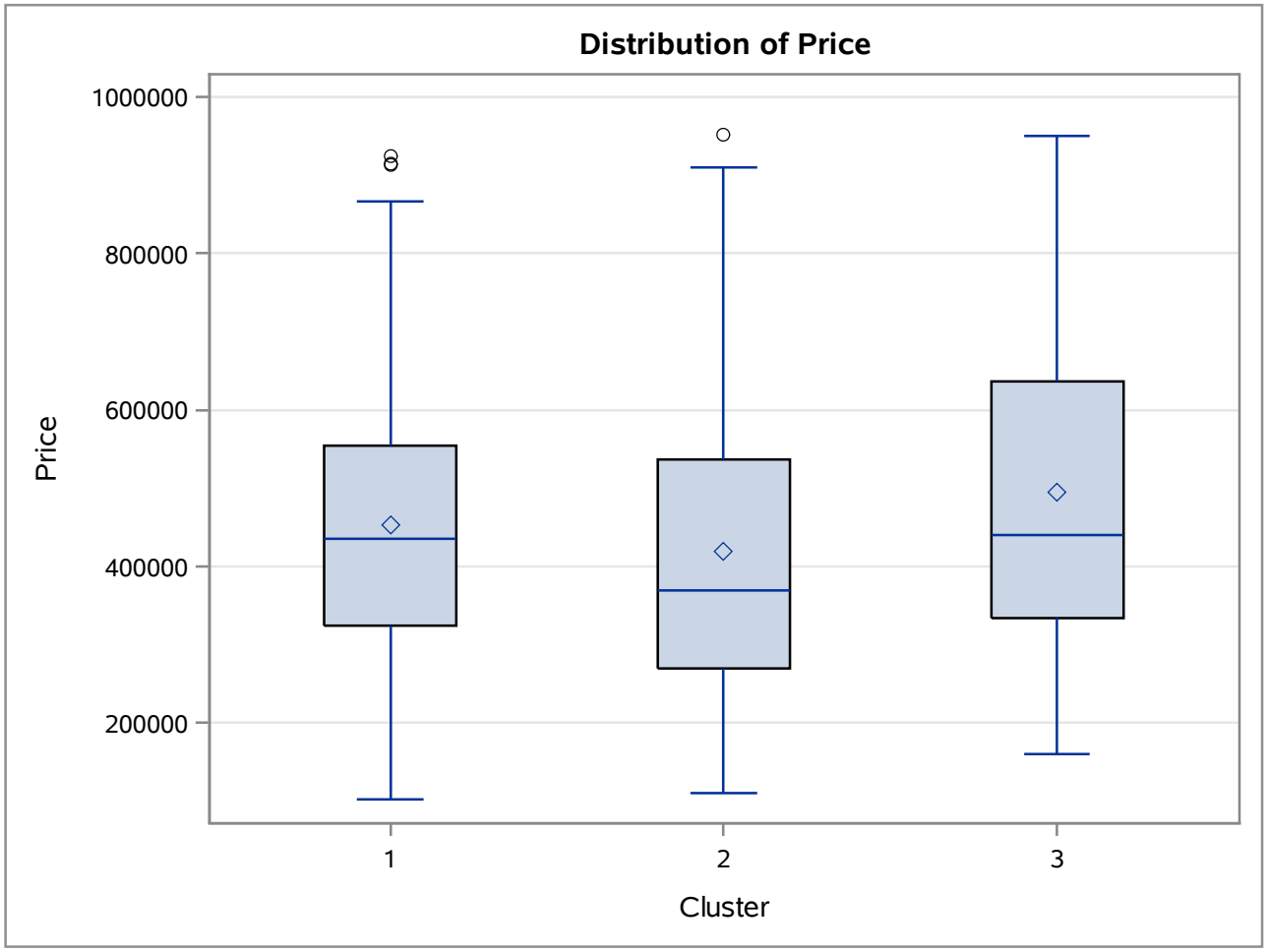
The GLM Procedure



Level of CLUSTER	N	Price		sqft_living15		sqft_lot15	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
1	293	453575.454	168339.223	1673.56997	496.072899	4019.1843	1633.29400
2	345	419160.864	187134.892	1869.48696	565.677291	7611.1072	1683.25867
3	163	494337.166	211673.553	2147.49080	643.948242	10690.2883	2056.02675

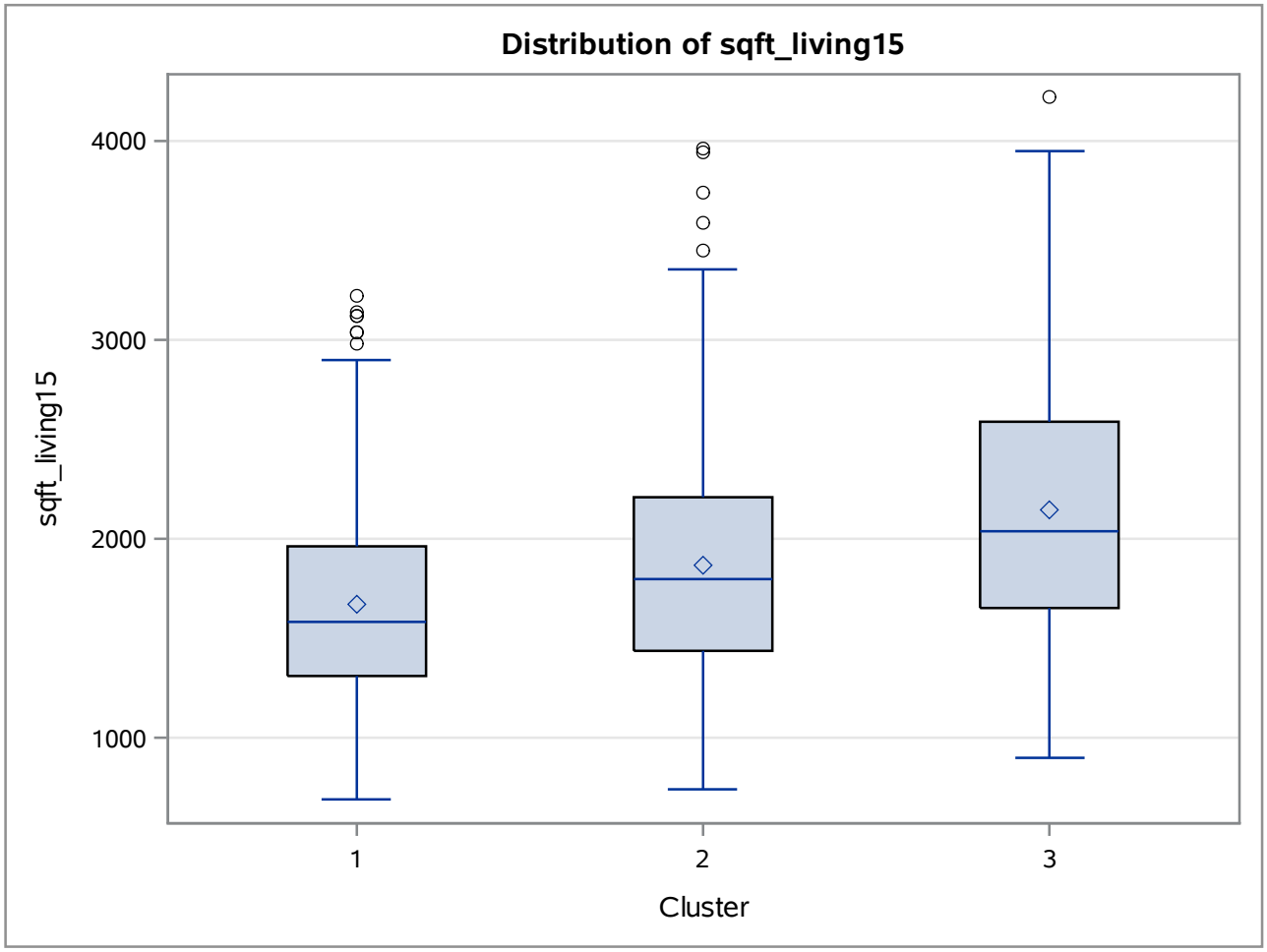
King County House Sales Cluster Analysis

The GLM Procedure



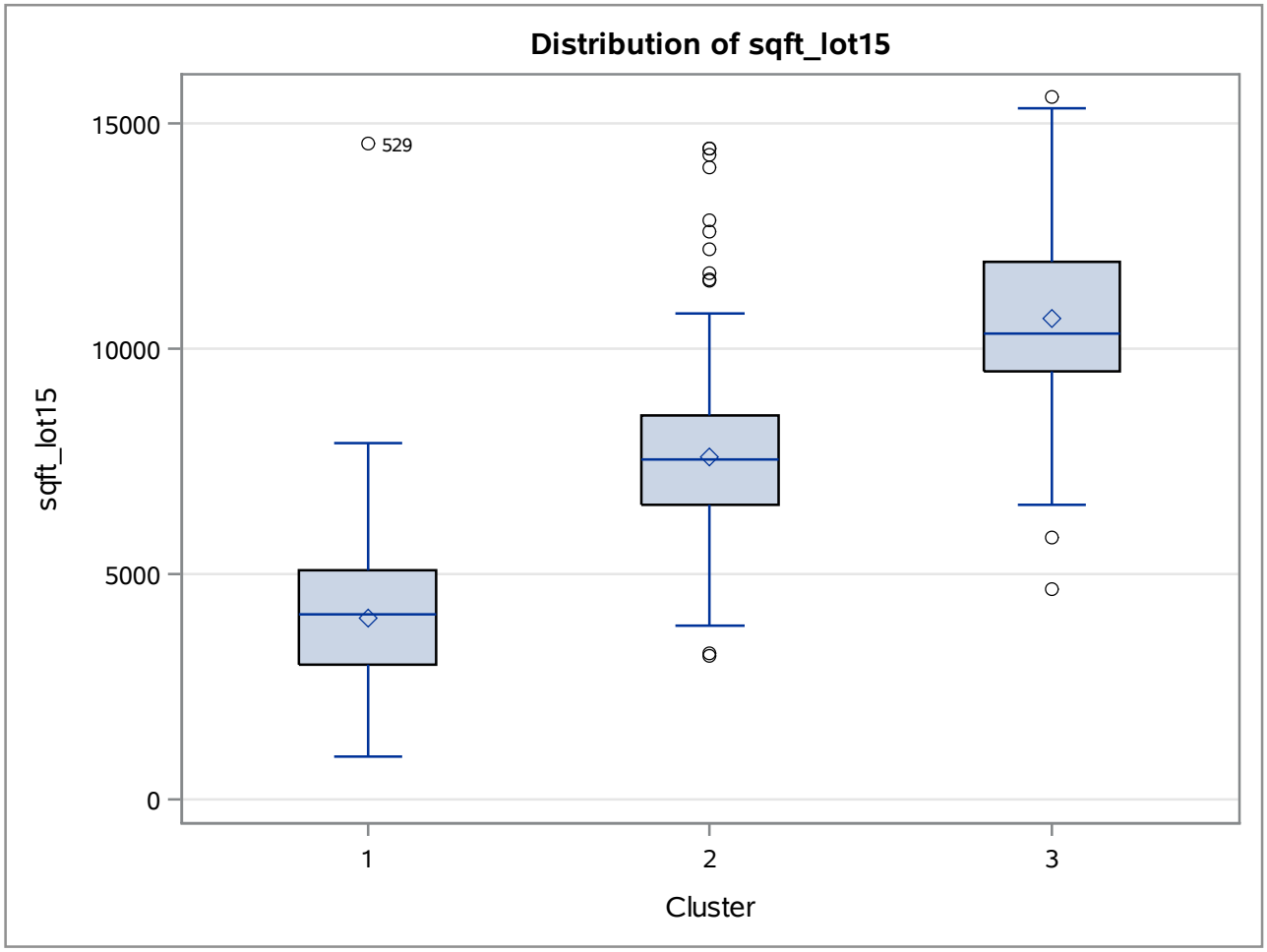
King County House Sales Cluster Analysis

The GLM Procedure



King County House Sales Cluster Analysis

The GLM Procedure



Level of CLUSTER	N	Price		sqft_living15		sqft_lot15	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
1	293	453575.454	168339.223	1673.56997	496.072899	4019.1843	1633.29400
2	345	419160.864	187134.892	1869.48696	565.677291	7611.1072	1683.25867
3	163	494337.166	211673.553	2147.49080	643.948242	10690.2883	2056.02675

King County House Sales Cluster Analysis

The GLM Procedure
Multivariate Analysis of Variance

Characteristic Roots and Vectors of: E Inverse * H, where H = Type III SSCP Matrix for CLUSTER E = Error SSCP Matrix				
		Characteristic Vector V'EV=1		
Characteristic Root	Percent	Price	sqft_living15	sqft_lot15
2.04070223	98.92	0.00000000	0.00000402	0.00002002
0.02227702	1.08	0.00000021	-0.00001616	0.00000037
0.00000000	0.00	-0.00000008	0.00007391	-0.00000478

MANOVA Tests for the Hypothesis of No Overall CLUSTER Effect H = Type III SSCP Matrix for CLUSTER E = Error SSCP Matrix S=2 M=0 N=397		
Statistic	Value	P-Value
Wilks' Lambda	0.32170478	<.0001
Pillai's Trace	0.69292017	<.0001
Hotelling-Lawley Trace	2.06297926	<.0001
Roy's Greatest Root	2.04070223	<.0001

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
1	11300120	3	2.5	2	0	3	8	1
2	11520640	4	2.75	2	0	3	9	3
3	23500180	3	2.25	1	0	3	8	2
4	34001160	3	2	1	1	4	7	2
5	59000250	3	1.5	1	3	4	8	1
6	84000105	5	2.25	1	0	3	7	2
7	103400160	3	2.25	2	0	4	7	2
8	104530490	4	3.5	2	0	3	7	2
9	104550540	4	2	1	0	3	7	2
10	104550660	3	2.5	2	0	3	7	2
11	123039364	2	1	1	0	3	6	3
12	123039604	2	1	1	0	3	5	1
13	142000175	3	1.75	1	0	4	8	2
14	191101015	3	1.5	1	0	4	8	3
15	203900920	3	2	2	0	3	6	3
16	223039229	2	2.5	2	3	4	8	2
17	225039145	3	1	1.5	0	3	7	1
18	236400130	3	2.5	1	0	3	7	2
19	238000201	3	2.75	2	0	4	7	3
20	240000130	4	2.5	1	0	3	9	3
21	241900020	5	2.5	2	0	3	8	1
22	253600160	3	2.5	2	0	3	7	1
23	254000241	3	2.5	2	0	3	8	1
24	255400060	5	2.75	2	0	3	9	2
25	255450340	3	2.5	2	0	3	8	1
26	255550070	4	3	1	0	3	7	1
27	255550150	3	2.5	2	0	3	7	1
28	259500230	3	2.5	2	0	3	9	1
29	259600620	4	2	1	0	4	7	3
30	259600790	3	1.75	1	0	4	7	2
31	259801110	3	1.75	1	0	3	7	2
32	268500020	4	1	1	0	4	7	3
33	272000620	2	1	2	0	3	7	1
34	301400320	3	2.5	2	0	3	7	1
35	301401370	4	2.75	2	0	3	7	1
36	301402120	3	2.25	2	0	3	7	1
37	312000135	2	1.75	1	0	4	6	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
38	316000160	3	1	1.5	0	3	6	2
39	339350150	3	2.75	2	0	3	9	2
40	342000036	3	2.25	2	0	3	7	1
41	369000365	1	1	1	0	3	5	2
42	375000230	3	2	1	0	5	7	1
43	395800370	4	1	1	0	5	7	2
44	418000010	2	1	1	0	4	5	2
45	421000185	2	1	1	0	5	5	1
46	421000285	4	1.5	1.5	0	4	5	2
47	424049043	9	7.5	2	0	3	7	2
48	427000065	5	2.5	1	0	5	8	2
49	455000760	3	2	1	0	3	8	2
50	461004095	3	1.75	1	0	3	7	1
51	475000605	4	3	1	0	3	8	1
52	486000085	4	3.5	2	2	3	9	1
53	537000075	3	2.75	1	0	3	7	2
54	538000450	5	2.5	2	0	3	7	1
55	567000268	3	2.5	2	0	3	8	1
56	579000096	3	1.5	1	2	4	8	2
57	579000550	2	1.5	1	2	3	6	2
58	582000185	3	1.75	1	0	4	7	1
59	582000644	4	2	1	0	3	9	2
60	621069113	3	1.5	1	0	3	6	3
61	623049093	3	1	1	0	2	6	2
62	626049102	4	1.75	1	0	4	7	2
63	626059127	3	2.5	2	0	3	9	2
64	629420080	4	2.5	2	0	3	9	2
65	644000185	3	1.5	1	0	4	7	3
66	644200090	3	2.25	1	0	4	8	3
67	646910620	3	1.75	2	0	3	7	1
68	705700640	3	2.75	2	0	3	7	2
69	726059047	1	1	1.5	0	3	6	2
70	740500070	3	1.5	1	0	4	7	2
71	752000035	4	2.5	2	0	3	9	2
72	770000045	5	1.5	2.5	0	4	8	1
73	808300180	4	2.5	2	0	3	7	3
74	808300310	4	2.25	2	0	3	7	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
75	809002675	3	2	1	0	3	7	2
76	809002705	3	2.5	2	0	3	9	1
77	832700240	3	1.5	3	0	3	8	1
78	832700320	3	2.5	3	0	3	8	1
79	923000280	3	2.5	1	0	3	10	2
80	925059137	4	2.75	2	0	3	9	3
81	937000280	4	1	1.5	0	3	7	3
82	952006728	3	2.5	2	0	3	7	1
83	955000453	2	2.25	2	0	3	8	1
84	993002127	3	2.25	3	0	3	8	1
85	1001200050	4	1.5	1.5	0	5	7	2
86	1023059246	3	2.75	2	0	3	8	1
87	1025049254	3	4	2	0	3	9	1
88	1036450290	3	2.5	2	0	3	8	1
89	1056200010	3	1.75	1	0	4	8	2
90	1062100100	4	2	2	0	3	8	1
91	1085623560	4	2.5	2	0	3	9	1
92	1088810040	4	2.5	2	0	3	9	3
93	1109000040	3	2	1	0	3	7	1
94	1112000035	2	1	1	0	3	7	1
95	1115700040	5	2.75	1	0	4	8	2
96	1123049232	5	2.5	2	0	3	7	2
97	1123059116	4	2.5	2	0	3	8	3
98	1149900050	4	2.5	2	0	4	10	2
99	1152700020	4	2.5	2	0	3	9	2
100	1180000625	4	2.5	2	0	3	7	1
101	1180005220	2	1	1	0	4	5	2
102	1189000700	3	1.5	1.5	0	3	8	1
103	1189001180	3	2.25	1	0	3	7	2
104	1214000080	3	1	1	0	4	7	2
105	1220000100	1	1	1	0	4	5	2
106	1226039130	3	2.25	1	0	3	8	2
107	1231001110	3	1	1	0	3	6	1
108	1232001480	2	1	1	0	4	7	1
109	1234000630	4	2.75	1	0	3	7	3
110	1238500978	3	1	1	0	3	7	2
111	1239400064	4	2.5	2	0	3	9	2

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
112	1250200285	3	1	1	0	3	6	1
113	1250200552	3	2.5	2	0	3	7	1
114	1250200600	3	1	1.5	0	3	7	1
115	1274500300	3	1.5	1	0	4	7	2
116	1278000210	2	1	1	0	3	6	1
117	1310960220	4	2.25	2	0	4	8	2
118	1311500020	4	1.75	1	0	4	7	2
119	1313000710	3	2.25	1	0	4	8	2
120	1321710460	4	2.25	2	0	3	8	2
121	1324300398	3	1	1.5	0	3	7	1
122	1328320440	3	2.25	1	0	3	8	2
123	1328330290	4	1.75	1	0	4	8	2
124	1328330350	3	1.75	1	0	3	8	2
125	1328330590	5	2.5	1	0	4	8	2
126	1332200110	4	2.5	2	0	3	7	2
127	1332700010	2	2.25	2	0	5	7	1
128	1338600090	2	1	1	0	3	7	1
129	1355000220	3	1.75	1	0	5	7	2
130	1355300009	2	2.25	2	0	3	8	1
131	1377800135	3	2	2.5	0	4	7	2
132	1395500020	3	1	1	0	3	6	3
133	1422200090	3	1.75	1	3	3	8	1
134	1424100100	3	1.75	1	0	4	7	2
135	1425059174	3	2	2	0	3	7	3
136	1430800100	4	2	1	0	5	7	3
137	1432400060	2	1	1	0	3	6	2
138	1432900240	3	1	1	0	4	7	2
139	1442870040	4	2.75	2	0	3	8	2
140	1442880570	4	2.75	2	0	3	8	2
141	1443550020	4	2.5	2	0	3	8	3
142	1446400670	3	1.5	1	0	3	6	2
143	1446400725	3	1	1	0	3	7	2
144	1446401555	3	1.75	1	0	3	7	2
145	1446800710	3	1	1	0	3	7	2
146	1448800010	3	2.25	1	0	3	7	2
147	1449000270	4	2.75	1	0	4	8	3
148	1454100056	3	1	1.5	0	5	6	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
149	1454100122	3	2	1	0	3	8	2
150	1463400047	4	2	1	0	4	7	3
151	1473120190	3	2	1	0	3	9	2
152	1474000050	3	1.75	1	0	4	7	2
153	1518000230	4	2.75	1	0	3	7	1
154	1518000290	3	2.75	2	0	3	7	1
155	1529200480	3	2.5	1	0	4	8	1
156	1543000060	4	2.5	2	0	3	9	2
157	1545800730	2	1.75	1	0	3	7	2
158	1545804340	3	1.75	1	0	3	7	2
159	1545804510	5	2.25	2	0	3	7	2
160	1562200040	5	2.25	1	0	4	8	2
161	1568100225	2	1.5	1	0	5	6	2
162	1604601155	3	1	1	0	2	6	1
163	1622049242	4	2.5	2	3	3	9	3
164	1623800300	2	1	1	0	3	7	1
165	1624049092	2	1	1	0	3	6	3
166	1698900075	4	2.75	1.5	0	4	9	1
167	1703900155	2	1	1	0	3	7	2
168	1760650290	3	2.5	2	0	3	7	1
169	1769600147	3	3.25	2	0	3	8	2
170	1771000690	3	1	1	0	3	7	3
171	1771100330	3	2.5	1	0	2	7	3
172	1773600264	5	3.5	2	0	3	9	1
173	1775800800	3	1	1	0	3	7	3
174	1775800860	3	2.25	1	0	4	7	3
175	1786200010	4	2.5	2	0	3	9	3
176	1786640030	3	2	1	0	4	8	2
177	1795900120	3	2.5	2	0	3	8	2
178	1796350690	3	2	1	0	3	7	2
179	1797500435	2	1	1	0	4	7	1
180	1822059440	4	3.5	2	0	3	10	2
181	1853080730	3	2.5	2	0	3	10	2
182	1853080850	5	2.75	2	0	3	9	2
183	1860600840	3	3	2	0	3	10	1
184	1862900040	3	2.5	2	0	3	7	2
185	1868903130	4	1	1.5	0	4	7	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
186	1895000045	2	1	1	0	3	6	1
187	1895450200	4	2.5	2	0	3	8	2
188	1900000035	1	1	1	0	3	6	2
189	1930300190	3	1	1.5	0	5	7	1
190	1939120050	4	2.5	2	0	3	9	2
191	1954420170	3	2.5	2	0	3	8	2
192	1954440060	3	2.5	2	0	3	8	2
193	1972200227	3	1.5	3	0	3	8	1
194	1974200060	4	2.5	1	0	3	7	3
195	1997200165	3	2.25	2	0	3	8	1
196	2021000180	4	2.5	2	0	3	9	1
197	2021200058	3	2.75	1	0	4	7	1
198	2025700130	3	2.25	1	0	4	7	2
199	2026049097	2	2	1	0	3	8	3
200	2044500142	3	1.75	1	0	3	7	2
201	2061100570	3	1.75	1	3	3	8	2
202	2064800600	3	1	1	0	5	7	2
203	2085200545	3	1	1	0	4	5	2
204	2112700600	3	2.25	1	0	3	7	2
205	2112700845	3	1.75	1	0	4	6	1
206	2113700620	3	1.5	1.5	0	5	7	2
207	2115510470	4	2.25	1	0	4	8	3
208	2123049114	2	1	1	0	3	6	2
209	2131200925	3	1.75	1	0	3	7	3
210	2141330700	4	2.25	1	0	4	8	2
211	2143700861	2	1.75	1	0	3	6	2
212	2144800117	4	2.25	1	0	3	7	3
213	2144800311	2	1	1	0	3	7	3
214	2205700470	5	4.25	2	0	3	7	3
215	2212500430	5	2.5	1	0	3	7	3
216	2215901840	3	2.5	1	0	3	7	2
217	2249800080	3	2	1	0	3	9	2
218	2287400030	4	2.25	2	0	4	7	2
219	2314300170	4	2.5	2	0	3	8	2
220	2329800140	4	2.5	2	0	4	7	2
221	2329800430	3	2.25	2	0	4	7	2
222	2354300550	3	1.75	1	0	3	7	2

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
223	2379300330	5	2.5	2	0	3	8	2
224	2412600030	6	3	2	0	3	7	2
225	2422049107	4	1.75	1	0	4	8	3
226	2436700315	2	1.75	1.5	0	5	7	1
227	2459500210	3	2.25	2	0	4	7	3
228	2473002650	4	2.5	1	0	5	8	3
229	2473100280	4	2.75	1	0	4	7	3
230	2473101190	3	1.75	1	0	4	7	2
231	2473411240	4	1.75	1.5	0	3	8	2
232	2473480560	3	2.25	2	0	3	8	3
233	2473510260	5	2.5	1	0	5	8	3
234	2473530100	4	2.5	2	0	3	8	2
235	2474400250	3	2.25	2	0	3	8	2
236	2475900565	3	1	1.5	0	3	6	3
237	2493200215	3	1.75	2	0	5	8	1
238	2501600150	4	2	1	0	4	7	2
239	2561340020	3	1.75	1	0	3	7	3
240	2581900036	3	1.75	1	0	4	8	3
241	2592210510	3	2.5	2	2	3	9	3
242	2597490140	4	3.25	2	0	3	8	1
243	2597530070	3	2.5	2	0	3	10	3
244	2597530760	5	3.5	2	0	3	10	3
245	2600010390	4	2.25	2	0	4	8	3
246	2621600015	3	1	1	0	3	6	2
247	2641800015	3	1	1	0	3	6	2
248	2641800060	3	1	1	0	3	6	2
249	2644300005	4	2.5	2	0	3	7	2
250	2644900109	5	1.75	1	0	3	7	2
251	2652500210	2	1	1	0	4	7	1
252	2652501215	4	1.75	1.5	0	4	7	1
253	2724069169	4	3	2	0	4	7	3
254	2734100395	2	1	1.5	0	3	6	1
255	2755200040	2	1	1	0	4	6	2
256	2767603591	3	2.5	3	0	3	8	1
257	2767603612	2	2.25	3	0	3	8	1
258	2767704603	3	3.5	2	0	3	8	1
259	2768200212	2	2.5	2	0	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
260	2768301476	3	2.25	2	0	3	8	1
261	2770601775	3	2.5	2	0	3	8	1
262	2770601782	3	2.5	2.5	0	3	8	1
263	2770604575	3	1.75	1	0	3	8	2
264	2770606685	3	1	1	0	3	7	1
265	2771101251	1	1	1	0	3	6	1
266	2771604640	4	1.5	1.5	0	3	7	2
267	2781280150	2	2.5	2	0	3	8	1
268	2787320140	3	2.25	1	0	3	7	2
269	2791500280	3	2.5	1	0	3	8	2
270	2810100040	3	2	1	0	4	7	1
271	2822100175	3	1.75	1	0	3	7	1
272	2826049023	3	2.25	1	0	3	7	2
273	2843200085	3	1	1	0	3	7	2
274	2867300170	4	2.5	2	0	3	10	3
275	2877101821	3	1	1	0	3	7	1
276	2877102670	3	1.5	1.5	0	4	7	1
277	2883200966	5	1.5	2	0	3	8	1
278	2887701940	2	1.75	1	0	3	7	1
279	2896000510	4	2.5	1	0	3	8	2
280	2902201126	3	3	2	0	3	8	1
281	2919701105	2	1.75	1	0	4	7	1
282	2919702235	2	1.75	1	0	5	7	1
283	2922701175	2	1.5	1	0	3	7	2
284	2922703150	3	0.75	1	0	3	7	1
285	2937300520	4	2.75	2	0	3	9	2
286	2970800145	3	1.75	1	0	3	7	1
287	2998800040	3	2	1	0	4	7	2
288	3034200087	5	3	2	0	3	9	2
289	3034200247	3	1.75	1	0	3	8	2
290	3052700245	4	2	2	0	3	7	1
291	3052700464	3	2.25	2	0	3	8	1
292	3055800020	4	1	1	0	3	7	2
293	3066200440	4	2.25	2	0	4	8	2
294	3126049154	3	3	2	0	3	7	1
295	3126049501	3	1.5	3	0	3	8	1
296	3179100482	2	2.25	2	0	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
297	3179102305	3	1.75	1	0	3	7	2
298	3185600040	2	1	1	0	3	7	1
299	3204300090	3	1	2	0	4	8	1
300	3216900070	4	2.5	2	0	3	8	2
301	3226049080	2	1	1.5	0	3	7	3
302	3226049117	2	1	1	0	4	7	2
303	3260800190	3	2.5	2	0	3	8	2
304	3277800823	2	2	2	0	3	8	1
305	3278606110	3	2.5	2	0	3	8	1
306	3278612450	3	2.5	2	0	3	8	1
307	3288100290	3	2.75	1.5	0	4	8	3
308	3298600340	6	3	1	0	4	8	3
309	3298700156	3	2.5	1	0	3	7	2
310	3298700305	2	1	1	0	4	6	1
311	3300701440	2	1.75	1	0	4	6	1
312	3305100210	5	3	2	0	3	9	2
313	3307700150	3	1	1	0	4	7	3
314	3319500385	4	1.75	1	0	3	7	1
315	3327000140	3	1.75	1	0	4	7	2
316	3329500730	3	1.75	1	0	3	7	2
317	3330500085	2	1	1	0	3	6	1
318	3331001910	2	1	1	0	3	6	1
319	3331500121	2	1	1	0	4	6	1
320	3336000052	3	2.5	2	0	3	7	1
321	3336001946	2	1	1	0	3	7	1
322	3339900640	3	2.25	1.5	0	5	7	2
323	3343901961	3	1	1	0	3	7	3
324	3343902510	5	2.75	2	0	3	10	2
325	3352402250	2	1	1	0	3	6	1
326	3362400431	3	3.5	3	0	3	8	1
327	3384300100	3	1.5	1	0	3	7	3
328	3396800280	4	2.5	2	0	4	8	3
329	3396820010	3	2.25	2	0	3	8	3
330	3423049165	3	1	1	0	3	7	3
331	3438500798	3	1.5	1	0	4	6	2
332	3448001412	2	1.5	3	0	3	7	1
333	3448740360	4	2.5	2	0	3	7	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
334	3448900320	4	2.5	2	0	3	9	2
335	3500100025	4	1	1	0	3	7	2
336	3528900160	3	1	1	0	3	7	1
337	3529300330	3	2.5	2	0	5	8	2
338	3530430100	2	1.75	1	0	4	8	1
339	3542300060	3	1	1	0	4	6	3
340	3544400236	2	1	1	0	4	7	1
341	3566800125	2	1	1	0	3	6	2
342	3574801110	4	2.75	1	0	3	7	2
343	3574801490	3	1.75	1	0	3	7	2
344	3575302575	3	2.5	1	1	3	7	2
345	3575302759	2	1.75	1	0	4	7	2
346	3578400500	3	2.25	1	0	3	8	3
347	3579000410	3	2.25	2	0	3	8	2
348	3579700080	4	1.75	1	0	3	7	3
349	3598600049	1	0.75	1.5	0	3	6	2
350	3626039279	2	1	1	0	3	7	2
351	3629000080	3	1.5	1	0	3	7	2
352	3629910210	3	2.5	2	0	3	9	1
353	3629990020	3	2.25	2	0	3	7	1
354	3630090110	4	3.5	2.5	0	3	10	1
355	3630120880	3	3.5	2	0	3	9	2
356	3630160610	4	2.5	2	0	3	10	1
357	3644100065	2	1.75	1	0	4	6	1
358	3649100304	3	2.25	2	0	3	8	3
359	3677400445	3	1.5	1.5	0	5	7	1
360	3726800201	3	1.75	1	0	3	7	1
361	3746700120	3	3.5	2	0	3	10	3
362	3750605349	3	1	1	0	5	7	2
363	3755000310	3	1	1	0	3	7	3
364	3758900037	4	2.5	2	2	4	9	3
365	3782400190	3	2.25	1	0	3	7	3
366	3782760080	4	2.25	2	0	3	8	1
367	3790600080	3	2.25	1	0	3	7	3
368	3793700210	3	1.75	1	0	5	7	3
369	3797002585	3	1	1	0	4	7	1
370	3814900210	4	2.5	2	0	3	9	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
371	3818700185	4	1.5	1	0	4	7	3
372	3862710050	3	2.5	2	0	3	8	1
373	3862710200	3	2.5	2	0	3	8	1
374	3867400180	2	1	1	4	4	5	1
375	3876300310	4	2.25	2	0	3	7	3
376	3876301140	5	2.25	2	0	3	8	2
377	3876760430	3	2.25	2	0	3	7	2
378	3878900270	4	2	1	2	4	8	1
379	3878900681	1	0.75	1	1	3	7	2
380	3882300100	3	1.75	1	0	3	8	3
381	3885805300	3	1	1	0	3	6	3
382	3885805325	4	2.75	2	0	5	7	2
383	3889100029	3	2.5	2	0	3	9	3
384	3904901450	3	2.25	2	0	4	7	1
385	3904921100	4	2.5	2	0	3	9	3
386	3904921120	4	2.5	2	0	4	9	2
387	3904960910	4	2.5	2	0	3	8	2
388	3905080730	3	2.5	2	0	3	8	1
389	3905090410	4	2.5	2	0	4	9	2
390	3905100380	4	2.25	2	0	3	8	1
391	3918400143	4	3	1	0	5	8	2
392	3942900010	4	2	1	0	3	7	3
393	3946900010	2	1.75	1	0	3	7	2
394	3971700940	3	1.5	1	0	5	7	2
395	3975400190	4	2	1.5	0	4	7	1
396	3990000050	3	2.25	1	0	4	7	2
397	4019500160	4	2.5	2	0	3	8	1
398	4022900569	3	1.75	1	0	3	7	3
399	4022902505	3	2.25	2	0	3	8	3
400	4027700021	5	3.25	2	0	3	8	3
401	4027700466	3	1	1	0	3	7	3
402	4027701220	3	2	2	0	3	7	3
403	4037400295	4	2.25	1	0	4	7	2
404	4037500110	4	1.75	1	0	3	7	3
405	4039300810	3	1	1	0	3	7	1
406	4046700140	4	1.75	1	0	4	7	3
407	4058800500	4	1.75	1	3	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
408	4077800376	5	2.25	1	0	3	9	2
409	4083302485	3	1.75	1	0	4	7	1
410	4083305445	3	2	1.5	0	3	7	1
411	4123800330	3	2.25	2	0	3	7	2
412	4123810090	3	2.25	2	0	3	8	3
413	4137030040	3	2.5	2	0	3	8	2
414	4137070830	3	2.5	2	0	3	8	2
415	4139440360	4	2.5	2	0	3	9	3
416	4139440460	4	2.5	2	0	3	10	2
417	4139660040	5	3.5	2	0	5	10	3
418	4174600055	2	0.75	1	2	5	6	2
419	4174600072	4	3.5	2	0	4	8	2
420	4174600386	5	3	1	0	3	7	1
421	4178500150	3	2.25	2	0	4	7	2
422	4202400078	2	1	1	0	3	7	2
423	4206901435	2	1.75	1.5	0	4	7	1
424	4217400420	3	1.5	1.5	1	3	9	2
425	4222500020	3	1.5	1	0	3	7	2
426	4229900140	2	1	1	0	2	6	2
427	4232901525	2	1	1	0	3	7	1
428	4250200140	4	2.5	2	0	3	7	2
429	4279200060	4	2.5	2	0	3	8	3
430	4302200535	2	1	1	0	3	6	1
431	4302200625	3	1.75	1	0	4	6	1
432	4302201005	3	1.75	1	0	5	6	2
433	4303200555	2	1	1	0	3	6	1
434	4310701577	3	3.25	3	0	3	8	1
435	4312700200	3	1	1	0	4	6	2
436	4318200440	3	2.25	2	0	3	8	1
437	4324500490	3	1	1	0	4	7	3
438	4358700186	3	2.25	3	0	3	7	1
439	4375700065	3	1.75	1	0	3	7	2
440	4385701440	2	1.75	1	0	3	7	1
441	5006000170	4	1	1.5	0	4	6	2
442	5016001535	3	1.75	1	0	4	8	1
443	5021900160	4	1.75	1	0	5	6	3
444	5036300575	5	3	1	2	3	8	2

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
445	5088500310	3	2	1	0	3	9	3
446	5089700750	4	2.25	2	0	3	8	2
447	5100403952	2	1	1	0	3	7	1
448	5101405465	3	2	2	0	4	6	1
449	5104511840	4	3	2	0	3	8	2
450	5104520150	4	2.5	2	0	3	8	2
451	5104650020	3	2.5	2	0	3	8	2
452	5113400364	4	1.5	1	0	3	7	2
453	5126300650	3	2.5	2	0	3	8	2
454	5126400230	2	1	1	0	5	6	2
455	5147600095	3	1.75	1	0	3	6	2
456	5151600120	4	2.5	1	0	4	8	3
457	5151600300	4	2.75	1	1	3	8	3
458	5152100160	3	1.75	1	0	3	9	3
459	5152800030	4	2.75	1	2	4	9	3
460	5244801230	5	2.25	1.5	0	4	7	1
461	5252000170	3	1.75	1	0	4	7	3
462	5255200220	3	1.75	1	0	3	7	2
463	5332200320	2	1.75	1	0	3	7	1
464	5363200266	3	2	1	0	3	6	1
465	5379804393	4	2.75	1	0	5	7	2
466	5381000477	4	2.5	2	0	3	8	2
467	5411600180	4	2.5	2	0	3	9	2
468	5422420120	3	2	2	0	3	7	2
469	5422570260	2	2.5	2	0	4	8	1
470	5423500240	3	1	1	0	3	7	2
471	5425700150	4	1.75	1	0	3	7	2
472	5437810320	3	1.5	1	2	4	7	2
473	5450300020	6	3	2	0	3	8	3
474	5466310060	2	1.5	2	0	3	7	1
475	5468760050	4	2.5	2	0	3	7	3
476	5468780020	4	2.5	2	0	3	8	2
477	5469500640	3	2.25	2.5	0	4	10	3
478	5469502860	5	2.75	1	0	4	8	3
479	5469503280	4	2.5	2	0	3	9	3
480	5470100090	3	1.5	1	0	4	7	2
481	5541300135	4	2.5	2	0	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
482	5556300102	3	2.5	2	0	3	9	3
483	5560000480	3	1	1	0	4	6	2
484	5561710110	3	2.25	1	0	5	7	2
485	5592900230	3	1	1	2	4	7	2
486	5608010980	4	2.5	2	0	3	11	3
487	5631500400	2	1	1	0	3	6	3
488	5635100080	4	2.5	2	0	3	8	2
489	5651010300	3	2.25	2	0	3	7	1
490	5668500045	3	2	1.5	0	5	7	2
491	5680000545	4	2	1	1	4	6	1
492	5694001061	3	3.5	2	0	3	8	1
493	5700001920	4	2	2	0	4	8	2
494	5727000010	4	2.5	2	0	3	7	1
495	5727500561	3	1	1.5	0	4	6	2
496	6003500743	2	2.25	3	0	3	9	1
497	6056100312	3	2.5	2	0	3	7	1
498	6056100380	3	2.25	2	0	3	8	1
499	6056111067	3	1.75	2	0	3	8	1
500	6071200455	3	2	1	0	5	8	2
501	6072400470	4	2.5	1	0	3	8	3
502	6084600420	4	2.25	2	0	3	7	2
503	6130500120	3	2.5	3	0	3	8	1
504	6131600255	3	2	1	0	5	6	2
505	6145602355	4	1	1.5	0	4	7	1
506	6150200280	2	1	1.5	0	4	7	2
507	6150200330	3	1	1	0	3	7	1
508	6150200375	2	1	1	0	3	6	2
509	6181700625	4	2	1.5	2	4	7	3
510	6204420290	5	2.5	1	0	5	7	2
511	6205500580	3	2.5	1	0	3	8	3
512	6300000320	2	1	1	0	4	7	2
513	6300500477	3	2.5	3	0	3	8	1
514	6306800010	4	2.5	2	0	3	9	2
515	6306800020	4	2.5	2	0	3	9	2
516	6306810110	4	2.5	2	0	3	9	3
517	6308000020	3	2.5	2	0	3	9	1
518	6371500040	3	1	1.5	0	3	7	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
519	6380500135	2	1	1	0	3	6	2
520	6383000820	3	2.5	1	0	3	8	2
521	6384500590	3	1.75	1	0	3	7	2
522	6385910260	4	1.5	1	0	3	7	2
523	6403510130	5	2.75	2	0	3	8	2
524	6413600285	3	1.75	1.5	0	5	7	2
525	6600400090	3	1	1	0	3	7	3
526	6600490250	4	2.5	2	0	3	7	1
527	6607000126	4	1.75	1	0	5	7	2
528	6619910260	3	1.75	1	0	3	8	2
529	6639900219	3	2.5	2	0	3	8	1
530	6662410070	4	2.25	2	0	3	7	3
531	6669020500	4	1.75	1	0	3	8	2
532	6669150790	3	2.25	1	0	4	7	2
533	6669240230	3	2.5	2	0	3	8	2
534	6678900140	3	1.75	1	1	3	8	2
535	6699940140	4	2.5	2	0	3	8	1
536	6749700006	2	1.5	3	0	3	8	1
537	6751300375	3	1	1	0	3	7	2
538	6752600050	4	2.5	2	0	3	7	2
539	6791000280	3	1.75	1	0	4	7	2
540	6804600550	4	2.25	2	0	3	8	2
541	6821102170	4	2	1	1	4	8	2
542	6840700036	2	1	1	0	3	7	1
543	6843600040	4	2.5	2	0	4	7	2
544	6844700810	3	1.5	1	0	3	7	1
545	6865200981	2	1	1	0	4	7	1
546	6977000040	4	3	1	0	3	9	3
547	7010700210	4	2	2	0	3	9	1
548	7010700936	3	2.5	2	0	3	8	1
549	7011201550	4	2	1	2	3	8	1
550	7016000440	5	2.25	1.5	0	4	7	2
551	7116500125	2	2	1	0	5	5	1
552	7129302185	2	1	1	0	5	6	2
553	7131300025	3	1	1	0	4	6	1
554	7133300380	4	2.5	2	0	3	8	1
555	7169200221	3	2.25	3	0	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
556	7183000070	4	2.25	2	2	4	8	3
557	7200001005	3	1.75	1	0	4	7	3
558	7202260330	4	2.5	2	0	3	8	1
559	7202330170	3	2.5	2	0	3	7	1
560	7202330410	3	2.5	2	0	3	7	1
561	7202350060	3	2.5	2	0	3	7	1
562	7203101970	3	2	2	0	3	7	1
563	7203600530	3	3	1.5	3	3	9	1
564	7211401485	2	1	1	0	4	6	1
565	7211401975	3	2.5	2	0	3	7	1
566	7212660520	4	2	1	0	3	7	2
567	7217400650	3	1.5	1.5	0	3	7	1
568	7224500010	2	1.75	1	0	5	7	1
569	7225000090	2	2	1	0	4	6	1
570	7226000110	2	1	1	0	3	6	1
571	7227800055	4	2	1	0	4	5	2
572	7228500425	3	1	2	0	3	8	1
573	7237450550	4	2.5	2	0	3	8	1
574	7298050110	4	2.5	2	0	3	11	3
575	7299600920	4	2.5	2	0	3	8	1
576	7299601460	3	2.5	2	0	3	8	1
577	7300700050	3	1	1	0	3	7	2
578	7304301005	3	1	1	0	4	7	3
579	7312200120	3	2.25	2	0	4	8	3
580	7327500200	3	1.75	1	0	3	7	3
581	7327902612	2	1	1	0	3	6	1
582	7334600170	3	1.5	2	0	3	7	3
583	7345200650	3	2	1.5	0	4	7	2
584	7390400026	4	1.75	1	0	3	7	2
585	7399300120	4	2	1	0	4	7	2
586	7399300510	3	2.25	1	0	3	7	2
587	7436400020	3	1.75	1	0	3	8	2
588	7436500360	3	1.75	1	0	3	7	2
589	7454000555	2	1	1	0	4	6	2
590	7454001075	2	1	1	0	3	6	3
591	7454001210	3	1	2	0	3	6	2
592	7504000230	4	2.25	2	0	4	9	3

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
593	7504001430	3	1.5	2	0	3	9	3
594	7504020960	4	2.75	1	0	3	10	3
595	7504030090	4	1.75	2	0	4	10	3
596	7504100920	3	3	2	0	3	10	3
597	7504101230	4	2.5	2	0	3	9	3
598	7511800070	3	1.5	1	0	4	7	3
599	7518501140	3	2	2	0	3	7	1
600	7518507685	3	1	2	0	4	7	1
601	7525300260	6	2.5	1	0	3	8	2
602	7549801385	1	0.75	1	0	3	5	2
603	7549801565	3	2	1.5	0	4	6	2
604	7550800015	3	1.75	1	0	4	7	1
605	7555210340	4	2.25	2	0	4	8	2
606	7569450480	3	2.5	2	0	3	8	1
607	7588700177	1	0.75	1	0	4	6	1
608	7614100020	3	2.5	1	0	4	7	3
609	7625700012	3	2.75	2	0	3	7	1
610	7625701891	3	1	1	0	4	6	1
611	7625702400	2	1	1	0	3	6	2
612	7655900038	2	1	1	0	3	7	2
613	7658600081	2	2.75	3	0	3	8	1
614	7686202635	2	1	1	0	4	6	2
615	7686205370	4	1.75	1	0	2	7	1
616	7691800130	3	2.5	2	0	3	8	2
617	7697800170	3	1.75	2	0	3	8	2
618	7697920150	4	2.25	2	0	3	7	2
619	7702010050	3	2.5	2	0	3	9	2
620	7715600070	3	1.75	1	0	3	6	3
621	7732410380	4	2.5	2	0	4	9	2
622	7787050180	3	2.75	2	0	3	9	2
623	7787100210	4	2.25	2	0	3	8	2
624	7788000100	4	1.75	1	0	4	8	3
625	7789900030	4	1.5	1	0	3	7	3
626	7812801125	2	1	1	0	3	6	2
627	7812801925	4	1.75	1	0	4	6	2
628	7844200120	4	2.5	1	0	3	8	2
629	7849202231	3	2.5	2	0	3	7	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
630	7852030320	3	2.5	2	0	3	7	1
631	7852030330	3	2.5	2	0	3	7	1
632	7852090810	3	2.5	2	0	3	8	1
633	7852110070	3	2.5	2	0	3	8	2
634	7852160070	5	3.75	2	3	3	10	3
635	7853230200	3	2.5	2	0	3	7	1
636	7853300290	4	2.5	2	0	3	7	2
637	7853320470	4	3.5	2	0	3	7	2
638	7853321260	4	2.5	2	0	3	7	2
639	7853340660	2	2.5	2	2	3	8	1
640	7853380570	4	2.5	2	0	3	10	1
641	7853420110	3	3	2	0	3	9	2
642	7856610160	4	1.75	1	0	4	9	3
643	7856620210	4	2.75	1	0	4	9	3
644	7856700920	4	2.5	1	0	4	8	3
645	7883602650	2	1	1	0	3	7	1
646	7883603965	4	2	1	0	4	7	1
647	7891600165	1	1	1	0	4	7	1
648	7893203450	3	1	1	0	4	6	3
649	7893808220	3	1	1	0	4	7	2
650	7896300070	4	1	1	0	3	6	2
651	7899800476	2	2.5	2	0	3	7	1
652	7899800730	3	2.5	2	0	3	7	1
653	7922720040	4	2.5	1	0	3	8	2
654	7923300115	4	1.75	1	0	4	7	2
655	7923300285	4	2.25	1	0	4	7	2
656	7935000125	3	1	1	0	3	6	2
657	7950302995	4	2.5	2	0	3	7	1
658	7956200220	3	1	1	0	3	6	3
659	7960100120	3	2.25	2	0	4	8	1
660	7961500010	3	2.25	1	0	3	7	3
661	7967000200	3	2.5	2	0	3	8	1
662	7968200090	4	2.5	2	0	3	8	2
663	7972000200	4	2.25	1	0	4	7	3
664	7972600910	4	2	1.5	0	4	6	1
665	7972601030	3	1.5	1	0	3	7	2
666	7974700122	3	1.75	1	0	4	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
667	8024200674	3	1.5	3	0	3	8	1
668	8024200684	3	1.5	3	0	3	8	1
669	8025700460	4	1.75	1	0	3	7	2
670	8032700175	4	1	1.5	0	3	7	1
671	8062900030	3	1.75	1	0	4	7	2
672	8078410210	4	2.25	2	0	3	8	2
673	8079010230	3	2.5	2	0	3	8	2
674	8091411100	3	2.25	2	0	4	7	2
675	8091670030	4	2.5	2	0	3	8	2
676	8091670190	3	2.5	1	0	3	8	1
677	8096600050	3	2	1	0	3	7	2
678	8100400110	3	2.25	2	0	3	8	3
679	8113101582	5	3.5	2	0	3	8	1
680	8121200530	3	2.5	2	0	3	8	2
681	8133300050	3	1.75	1	0	4	7	2
682	8146100610	3	1	1	0	4	7	2
683	8165501640	2	2.25	2	0	3	8	1
684	8562750060	5	3.5	2	0	3	9	2
685	8562790720	4	3.5	2	0	3	10	1
686	8562791010	3	2.75	2	0	3	10	1
687	8562890280	4	2.5	2	0	3	8	1
688	8562891100	4	2.5	2	0	4	8	2
689	8563000130	3	1.75	1	0	3	7	3
690	8563020380	4	2	1	0	4	8	2
691	8564860270	4	2.5	2	0	3	8	2
692	8582010240	4	2.5	2	0	3	9	3
693	8649401000	2	1.75	1.5	0	3	7	3
694	8651402660	4	1.5	1	0	4	6	1
695	8651402700	2	1	1	0	5	6	1
696	8651410090	2	1	1	0	5	6	1
697	8651411420	3	1.5	1	0	5	6	1
698	8651442060	3	1.75	1	0	4	7	1
699	8661000033	3	1.75	1	0	3	7	2
700	8663310050	4	2.5	1	0	3	7	3
701	8670000060	4	2.5	1	0	3	8	3
702	8682220230	2	2.5	1	0	3	9	2
703	8682280170	3	2.5	2	0	3	9	2

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
704	8682320350	2	2.5	1	0	3	8	2
705	8691390280	4	3.5	2	0	3	9	1
706	8724300010	4	3.25	2	0	3	10	1
707	8731950910	3	1.75	1	0	4	8	2
708	8731951370	4	1.75	1	0	4	8	3
709	8731960050	5	2.75	1	0	4	8	2
710	8731982630	4	2.25	1	0	4	8	2
711	8819901030	3	2	2	0	5	7	2
712	8820901792	4	2.75	2	3	3	9	2
713	8825900465	3	1.75	1	0	4	7	1
714	8827901415	3	1.5	1	0	4	7	1
715	8832900135	5	2.25	1	2	4	9	3
716	8835200230	4	2.5	2	0	5	7	1
717	8851500050	4	1.5	2	0	3	7	2
718	8856890200	3	2.25	2	0	4	8	3
719	8864000970	4	1	1	0	4	6	2
720	8901001170	3	1	1	0	4	7	2
721	8917100180	6	2.75	1	0	4	8	3
722	8929000230	3	2.5	2	0	3	8	1
723	8929000250	2	1.75	2	0	3	8	1
724	8944290200	3	2.25	2	0	3	7	1
725	8944310330	3	2.5	2	0	4	7	2
726	8945100320	3	1.5	1	0	3	6	2
727	8946390040	6	2.25	2	0	3	7	2
728	8946750140	3	2.25	2	0	3	7	1
729	8961800035	2	1	1	0	3	6	2
730	8965000050	3	1.75	1	0	3	8	3
731	9103000365	3	3.25	2	0	3	9	1
732	9117000170	4	2.25	2	0	3	7	2
733	9126100813	3	2.25	3	0	3	8	1
734	9126101090	3	2.25	3	0	3	9	1
735	9137101696	3	2.5	3	0	3	7	1
736	9161100730	4	3	1	0	5	7	2
737	9178600055	2	1	1	0	3	7	1
738	9187200245	4	1.5	1	0	1	7	1
739	9198600035	6	1.75	1	0	3	7	2
740	9201000480	3	1.75	1	0	3	8	2

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
741	9221400600	3	1.75	1	0	5	7	1
742	9238900390	3	1	1	0	3	8	2
743	9238900850	3	1.5	1.5	3	3	8	1
744	9238901420	3	1	1	0	4	7	1
745	9264920620	4	2.25	2	0	3	8	2
746	9265410090	3	1.75	2	0	3	7	2
747	9266700845	2	1	1	0	3	6	1
748	9268851020	4	3.5	2	2	3	8	1
749	9269200150	1	1.75	1	0	3	7	1
750	9269260100	4	2.25	2	0	3	7	1
751	9297800165	4	2.25	1.5	0	5	8	1
752	9306500200	3	3	2	0	3	8	2
753	9315300260	2	1.75	1	0	3	6	2
754	9320990110	3	2.5	2	0	3	7	1
755	9323610260	4	2.5	1	0	4	8	3
756	9324300030	4	2.25	1	0	4	7	3
757	9331800580	2	1	1	0	3	6	1
758	9346910500	3	2.5	1	0	5	8	3
759	9353300090	3	2	1	0	5	7	3
760	9353300600	3	1.5	1	0	4	7	3
761	9358002375	6	3	2	0	3	7	2
762	9368700270	3	1.75	1	0	3	6	1
763	9393700140	3	1	1	0	4	6	1
764	9406520550	3	2.25	2	0	3	7	2
765	9406570290	4	2.5	2	0	3	8	2
766	9407100720	3	1.75	2	0	3	7	3
767	9414500230	3	2.25	1	0	4	8	3
768	9422400035	2	2	2	1	3	7	2
769	9423400193	3	2.75	1	0	3	7	2
770	9455200596	3	1	1	0	3	6	2
771	9459200120	3	2	1.5	0	4	7	1
772	9460000110	3	1.75	1	0	3	7	2
773	9468200163	3	2	1	0	5	7	2
774	9476200020	3	1	1	2	5	6	2
775	9477000280	4	2.25	1	0	3	7	2
776	9477001410	4	1.75	1	0	4	7	3
777	9485760050	3	2	1	0	3	8	1

King County House Sales Cluster Analysis

Obs	Id	Bedrooms	Bathrooms	Floors	View	Condition	Grade	CLUSTER
778	9510900140	4	2.5	1	0	2	7	2
779	9517200610	3	1.75	1	0	3	7	3
780	9523102420	1	1	1	3	4	7	1
781	9524100196	2	1.5	2	0	3	7	1
782	9525600030	2	2.5	3	0	3	8	1
783	9528100963	3	3	3	0	3	9	1
784	9536601996	3	1	1	0	4	7	2
785	9542100165	4	3	1	0	4	9	3
786	9542801990	4	1.75	1	0	4	7	2
787	9542830210	4	2.25	2	0	3	7	1
788	9543000896	3	1.5	1	0	4	7	2
789	9544700730	4	2.5	3	0	3	10	3
790	9557300040	5	2.25	1	0	3	8	2
791	9558021000	4	2.5	2	0	3	8	1
792	9558200080	3	2.5	1	0	3	7	2
793	9577800005	3	2.5	2	2	3	9	1
794	9578060470	3	2.5	2	0	3	8	1
795	9578090180	4	3	2	0	3	9	2
796	9808590210	4	2.5	1	2	3	10	3
797	9818700215	5	2	1.5	0	3	6	1
798	9828700685	3	1.75	1.5	0	3	7	2
799	9828702095	1	1	1	0	3	7	1
800	9828702251	3	2.5	3	0	3	8	1
801	9834201145	4	2.5	2	0	3	9	1

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency Percent Row Pct Col Pct

Table of CLUSTER by View

CLUSTER(Cluster)	View 0	View 1	View 2	View 3	View 4	Total
1	279 34.83 95.22 36.71	1 0.12 0.34 11.11	6 0.75 2.05 30.00	6 0.75 2.05 54.55	1 0.12 0.34 100.00	293 36.58
2	328 40.95 95.07 43.16	7 0.87 2.03 77.78	7 0.87 2.03 35.00	3 0.37 0.87 27.27	0 0.00 0.00 0.00	345 43.07
3	153 19.10 93.87 20.13	1 0.12 0.61 11.11	7 0.87 4.29 35.00	2 0.25 1.23 18.18	0 0.00 0.00 0.00	163 20.35
Total	760 94.88	9 1.12	20 2.50	11 1.37	1 0.12	801 100.00

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of CLUSTER by Condition

CLUSTER(Cluster)	Condition 1	2	3	4	5	Total
1	1 0.12 0.34 100.00	2 0.25 0.68 33.33	215 26.84 73.38 40.11	58 7.24 19.80 28.43	17 2.12 5.80 31.48	293 36.58
2	0 0.00 0.00 0.00	3 0.37 0.87 50.00	222 27.72 64.35 41.42	91 11.36 26.38 44.61	29 3.62 8.41 53.70	345 43.07
3	0 0.00 0.00 0.00	1 0.12 0.61 16.67	99 12.36 60.74 18.47	55 6.87 33.74 26.96	8 1.00 4.91 14.81	163 20.35
Total	1 0.12	6 0.75	536 66.92	204 25.47	54 6.74	801 100.00

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of CLUSTER by Grade

CLUSTER(Cluster)	Grade 5	6	7	8	9	10	11	Total
1	4 0.50 1.37 33.33	40 4.99 13.65 40.40	126 15.73 43.00 36.00	96 11.99 32.76 41.20	20 2.50 6.83 25.00	7 0.87 2.39 28.00	0 0.00 0.00 0.00	293 36.58
2	8 1.00 2.32 66.67	45 5.62 13.04 45.45	158 19.73 45.80 45.14	94 11.74 27.25 40.34	34 4.24 9.86 42.50	6 0.75 1.74 24.00	0 0.00 0.00 0.00	345 43.07
3	0 0.00 0.00 0.00	14 1.75 8.59 14.14	66 8.24 40.49 18.86	43 5.37 26.38 18.45	26 3.25 15.95 32.50	12 1.50 7.36 48.00	2 0.25 1.23 100.00	163 20.35
Total	12 1.50	99 12.36	350 43.70	233 29.09	80 9.99	25 3.12	2 0.25	801 100.00

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of CLUSTER by Bedrooms

CLUSTER(Cluster)	Bedrooms 1	2	3	4	5	6	9	Total
1	6 0.75 2.05 46.15	70 8.74 23.89 61.40	151 18.85 51.54 38.72	57 7.12 19.45 24.36	9 1.12 3.07 21.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	293 36.58
2	7 0.87 2.03 53.85	36 4.49 10.43 31.58	166 20.72 48.12 42.56	107 13.36 31.01 45.73	23 2.87 6.67 56.10	5 0.62 1.45 62.50	1 0.12 0.29 100.00	345 43.07
3	0 0.00 0.00 0.00	8 1.00 4.91 7.02	73 9.11 44.79 18.72	70 8.74 42.94 29.91	9 1.12 5.52 21.95	3 0.37 1.84 37.50	0 0.00 0.00 0.00	163 20.35
Total	13 1.62	114 14.23	390 48.69	234 29.21	41 5.12	8 1.00	1 0.12	801 100.00

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of CLUSTER by Bathrooms

CLUSTER(Cluster)	Bathrooms									
	0.75	**1**	**1.5**	**1.75**	**2**	**2.25**	**2.5**	**2.75**	**3**	**3.25**
1	2 0.25 0.68 33.33	65 8.11 22.18 42.76	22 2.75 7.51 39.29	37 4.62 12.63 30.33	23 2.87 7.85 36.51	32 4.00 10.92 29.36	80 9.99 27.30 40.20	9 1.12 3.07 22.50	8 1.00 2.73 32.00	4 0.50 1.37 66.67
2	4 0.50 1.16 66.67	63 7.87 18.26 41.45	24 3.00 6.96 42.86	59 7.37 17.10 48.36	29 3.62 8.41 46.03	50 6.24 14.49 45.87	79 9.86 22.90 39.70	18 2.25 5.22 45.00	11 1.37 3.19 44.00	1 0.12 0.29 16.67
3	0 0.00 0.00 0.00	24 3.00 14.72 15.79	10 1.25 6.13 17.86	26 3.25 15.95 21.31	11 1.37 6.75 17.46	27 3.37 16.56 24.77	40 4.99 24.54 20.10	13 1.62 7.98 32.50	6 0.75 3.68 24.00	1 0.12 0.61 16.67
Total	6 0.75	152 18.98	56 6.99	122 15.23	63 7.87	109 13.61	199 24.84	40 4.99	25 3.12	6 0.75

Table of CLUSTER by Bathrooms

CLUSTER(Cluster)	Bathrooms					
	3.5	**3.75**	**4**	**4.25**	**7.5**	**Total**
1	10 1.25 3.41 52.63	0 0.00 0.00 0.00	1 0.12 0.34 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	293 36.58
2	6 0.75 1.74 31.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.12 0.29 100.00	345 43.07
3	3 0.37 1.84 15.79	1 0.12 0.61 100.00	0 0.00 0.00 0.00	1 0.12 0.61 100.00	0 0.00 0.00 0.00	163 20.35
Total	19 2.37	1 0.12	1 0.12	1 0.12	1 0.12	801 100.00

King County House Sales Cluster Analysis

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of CLUSTER by Floors

CLUSTER(Cluster)	Floors 1	1.5	2	2.5	3	Total
1	107 13.36 36.52 26.16	27 3.37 9.22 51.92	131 16.35 44.71 42.39	3 0.37 1.02 60.00	25 3.12 8.53 96.15	293 36.58
2	203 25.34 58.84 49.63	19 2.37 5.51 36.54	122 15.23 35.36 39.48	1 0.12 0.29 20.00	0 0.00 0.00 0.00	345 43.07
3	99 12.36 60.74 24.21	6 0.75 3.68 11.54	56 6.99 34.36 18.12	1 0.12 0.61 20.00	1 0.12 0.61 3.85	163 20.35
Total	409 51.06	52 6.49	309 38.58	5 0.62	26 3.25	801 100.00