

1. Reading the data

```
In [1]: import numpy as np  
import matplotlib.pyplot as plt  
import pandas as pd  
import seaborn as sns
```

```
In [2]: df=pd.read_csv(r"C:\Users\DSK 8920444598\Downloads\house_price_train.csv")
```

```
In [3]: pd.set_option("display.max_columns",None)  
pd.set_option("display.max_rows",None)
```

```
In [4]: df
```

	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood
0	1	60	RL	65.0	8450	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1	2	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Vee
2	3	60	RL	68.0	11250	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
3	4	70	RL	60.0	9550	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Crcl
4	5	60	RL	84.0	14260	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	NoF
5	6	50	RL	85.0	14115	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Mis
6	7	20	RL	75.0	10084	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
7	8	60	RL	NaN	10382	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA
8	9	50	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
9	10	190	RL	50.0	7420	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk
10	11	20	RL	70.0	11200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
11	12	60	RL	85.0	11924	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
12	13	20	RL	NaN	12968	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	Sa
13	14	20	RL	91.0	10652	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
14	15	20	RL	NaN	10920	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA
15	16	45	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk
16	17	20	RL	NaN	11241	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NA
17	18	90	RL	72.0	10791	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
18	19	20	RL	66.0	13695	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sawy
19	20	20	RL	70.0	7560	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
20	21	60	RL	101.0	14215	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nri
21	22	45	RM	57.0	7449	Pave	Grvl	Reg	Bnk	AllPub	Inside	Gtl	IDO
22	23	20	RL	75.0	9742	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
23	24	120	RM	44.0	4224	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
24	25	20	RL	NaN	8246	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa
25	26	20	RL	110.0	14230	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nri
26	27	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA
27	28	20	RL	98.0	11478	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
28	29	20	RL	47.0	16321	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NA
29	30	30	RM	60.0	6324	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
30	31	70	C (all)	50.0	8500	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	IDO
31	32	20	RL	NaN	8544	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa
32	33	20	RL	85.0	11049	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
33	34	20	RL	70.0	10552	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
34	35	120	RL	60.0	7313	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
35	36	60	RL	108.0	13418	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
36	37	20	RL	112.0	10859	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
37	38	20	RL	74.0	8532	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
38	39	20	RL	68.0	7922	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
39	40	90	RL	65.0	6040	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
40	41	20	RL	84.0	8658	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
41	42	20	RL	115.0	16905	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii

42	43	85	RL	NaN	9180	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Saw
43	44	20	RL	NaN	9200	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co
44	45	20	RL	70.0	7945	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
45	46	120	RL	61.0	7658	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
46	47	50	RL	48.0	12822	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi
47	48	20	FV	84.0	11096	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
48	49	190	RM	33.0	4456	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
49	50	20	RL	66.0	7742	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
50	51	60	RL	NaN	13869	Pave	NaN	IR2	Lvl	AllPub	Corner	Gtl	G
51	52	50	RM	52.0	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
52	53	90	RM	110.0	8472	Grvl	NaN	IR2	Bnk	AllPub	Corner	Mod	IDO
53	54	20	RL	68.0	50271	Pave	NaN	IR1	Low	AllPub	Inside	Gtl	Vee
54	55	80	RL	60.0	7134	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	NA
55	56	20	RL	100.0	10175	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
56	57	160	FV	24.0	2645	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
57	58	60	RL	89.0	11645	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co
58	59	60	RL	66.0	13682	Pave	NaN	IR2	HLS	AllPub	CulDSac	Gtl	Sto
59	60	20	RL	60.0	7200	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Co
60	61	20	RL	63.0	13072	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
61	62	75	RM	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO
62	63	120	RL	44.0	6442	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
63	64	70	RM	50.0	10300	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Old1
64	65	60	RL	NaN	9375	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
65	66	60	RL	76.0	9591	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
66	67	20	RL	NaN	19900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
67	68	20	RL	72.0	10665	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
68	69	30	RM	47.0	4608	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
69	70	50	RL	81.0	15593	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Cle
70	71	20	RL	95.0	13651	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
71	72	20	RL	69.0	7599	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Mi
72	73	60	RL	74.0	10141	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G
73	74	20	RL	85.0	10200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
74	75	50	RM	60.0	5790	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
75	76	180	RM	21.0	1596	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
76	77	20	RL	NaN	8475	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
77	78	50	RM	50.0	8635	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
78	79	90	RL	72.0	10778	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
79	80	50	RM	60.0	10440	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	Old1
80	81	60	RL	100.0	13000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA
81	82	120	RM	32.0	4500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Mi
82	83	20	RL	78.0	10206	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
83	84	20	RL	80.0	8892	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
84	85	80	RL	NaN	8530	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
85	86	60	RL	121.0	16059	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NoF
86	87	60	RL	122.0	11911	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	G
87	88	160	FV	40.0	3951	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	Sor
88	89	50	C (all)	105.0	8470	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	IDO
89	90	20	RL	60.0	8070	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
90	91	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
91	92	20	RL	85.0	8500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
92	93	30	RL	80.0	13360	Pave	Grvl	IR1	HLS	AllPub	Inside	Gtl	Cra
93	94	190	C (all)	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
94	95	60	RL	69.0	9337	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
95	96	60	RL	NaN	9765	Pave	NaN	IR2	Lvl	AllPub	Corner	Gtl	G

96	97	20	RL	78.0	10264	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co		
97	98	20	RL	73.0	10921	Pave	NaN	Reg	Hls	AllPub	Inside	Gtl	Edw		
98	99	30	RL	85.0	10625	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
99	100	20	RL	77.0	9320	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NwA		
100	101	20	RL	NaN	10603	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NwA		
101	102	60	RL	77.0	9206	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
102	103	90	RL	64.0	7018	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Saw		
103	104	20	RL	94.0	10402	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co		
104	105	50	RM	NaN	7758	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	IDo		
105	106	60	FV	75.0	9375	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
106	107	30	RM	60.0	10800	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
107	108	20	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
108	109	50	RM	85.0	8500	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	IDo		
109	110	20	RL	105.0	11751	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NwA		
110	111	50	RL	75.0	9525	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
111	112	80	RL	NaN	7750	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
112	113	60	RL	77.0	9965	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
113	114	20	RL	NaN	21000	Pave	NaN	Reg	Bnk	AllPub	Corner	Gtl	Cra		
114	115	70	RL	61.0	7259	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Cra		
115	116	160	FV	34.0	3230	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	Sor		
116	117	20	RL	NaN	11616	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
117	118	20	RL	74.0	8536	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
118	119	60	RL	90.0	12376	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Saw		
119	120	60	RL	65.0	8461	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
120	121	80	RL	NaN	21453	Pave	NaN	IR1	Low	AllPub	CulDSac	Sev	Cle		
121	122	50	RM	50.0	6060	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDo		
122	123	20	RL	75.0	9464	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
123	124	120	RL	55.0	7892	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
124	125	20	RL	48.0	17043	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NwA		
125	126	190	RM	60.0	6780	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDo		
126	127	120	RL	NaN	4928	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nf		
127	128	45	RM	55.0	4388	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Old1		
128	129	60	RL	69.0	7590	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
129	130	20	RL	69.0	8973	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
130	131	60	RL	88.0	14200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
131	132	60	RL	NaN	12224	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
132	133	20	RL	75.0	7388	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
133	134	20	RL	NaN	6853	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Tii		
134	135	20	RL	78.0	10335	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
135	136	20	RL	80.0	10400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NwA		
136	137	20	RL	NaN	10355	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
137	138	90	RL	82.0	11070	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi		
138	139	60	RL	73.0	9066	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co		
139	140	60	RL	65.0	15426	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co		
140	141	20	RL	70.0	10500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	N/A		
141	142	20	RL	78.0	11645	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
142	143	50	RL	71.0	8520	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
143	144	20	RL	78.0	10335	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co		
144	145	90	RM	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
145	146	160	RM	24.0	2522	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
146	147	30	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk		
147	148	60	RL	NaN	9505	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	G		
148	149	20	RL	63.0	7500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
149	150	50	RM	NaN	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
150	151	20	RL	120.0	10356	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co		

151	152	20	RL	107.0	13891	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
152	153	60	RL	NaN	14803	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NWA
153	154	20	RL	NaN	13500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cle
154	155	30	RM	84.0	11340	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
155	156	50	RL	60.0	9600	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
156	157	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
157	158	60	RL	92.0	12003	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Tin
158	159	60	FV	100.0	12552	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sor
159	160	60	RL	134.0	19378	Pave	NaN	IR1	HLS	AllPub	Corner	Gtl	G
160	161	20	RL	NaN	11120	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Vee
161	162	60	RL	110.0	13688	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
162	163	20	RL	95.0	12182	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nri
163	164	45	RL	55.0	5500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
164	165	40	RM	40.0	5400	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	OldT
165	166	190	RL	62.0	10106	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
166	167	20	RL	NaN	10708	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cle
167	168	60	RL	86.0	10562	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
168	169	60	RL	62.0	8244	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
169	170	20	RL	NaN	16669	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Tin
170	171	50	RM	NaN	12358	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	OldT
171	172	20	RL	141.0	31770	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA
172	173	160	RL	44.0	5306	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto
173	174	20	RL	80.0	10197	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
174	175	20	RL	47.0	12416	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Tin
175	176	20	RL	84.0	12615	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
176	177	60	RL	97.0	10029	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Cle
177	178	50	RL	NaN	13650	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
178	179	20	RL	63.0	17423	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sto
179	180	30	RM	60.0	8520	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
180	181	160	FV	NaN	2117	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
181	182	70	RL	54.0	7588	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra
182	183	20	RL	60.0	9060	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
183	184	50	RM	63.0	11426	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
184	185	50	RL	92.0	7438	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
185	186	75	RM	90.0	22950	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	OldT
186	187	80	RL	NaN	9947	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi
187	188	50	RL	60.0	10410	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
188	189	90	RL	64.0	7018	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Saw
189	190	120	RL	41.0	4923	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sto
190	191	70	RL	70.0	10570	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	Cra
191	192	60	RL	NaN	7472	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NA
192	193	20	RL	68.0	9017	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
193	194	160	RM	24.0	2522	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
194	195	20	RL	60.0	7180	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
195	196	160	RL	24.0	2280	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	NF
196	197	20	RL	79.0	9416	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
197	198	75	RL	174.0	25419	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA
198	199	75	RM	92.0	5520	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
199	200	20	RL	76.0	9591	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
200	201	20	RM	80.0	8546	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
201	202	20	RL	75.0	10125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
202	203	50	RL	50.0	7000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
203	204	120	RM	NaN	4438	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
204	205	50	RM	50.0	3500	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	OldT
205	206	20	RL	99.0	11851	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	G

206	207	20	RL	40.0	13673	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa
207	208	20	RL	NaN	12493	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
208	209	60	RL	NaN	14364	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Saw
209	210	20	RL	75.0	8250	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
210	211	30	RL	67.0	5604	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
211	212	20	RL	83.0	10420	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
212	213	60	FV	72.0	8640	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
213	214	20	RL	43.0	13568	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	Co
214	215	60	RL	NaN	10900	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Co
215	216	20	RL	72.0	10011	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA
216	217	20	RL	65.0	8450	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
217	218	70	RM	57.0	9906	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	OldT
218	219	50	RL	NaN	15660	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Cra
219	220	120	RL	43.0	3010	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blrr
220	221	20	RL	73.0	8990	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
221	222	60	RL	NaN	8068	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
222	223	60	RL	85.0	11475	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
223	224	20	RL	70.0	10500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	NA
224	225	20	RL	103.0	13472	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
225	226	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
226	227	60	RL	82.0	9950	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
227	228	160	RM	21.0	1869	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
228	229	20	RL	70.0	8521	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Sa
229	230	120	RL	43.0	3182	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blrr
230	231	20	RL	73.0	8760	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
231	232	60	RL	174.0	15138	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
232	233	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
233	234	20	RL	75.0	10650	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
234	235	60	RL	NaN	7851	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
235	236	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
236	237	20	RL	65.0	8773	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Co
237	238	60	RL	NaN	9453	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Saw
238	239	20	RL	93.0	12030	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
239	240	50	RL	52.0	8741	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
240	241	20	FV	75.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
241	242	30	RM	40.0	3880	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
242	243	50	RM	63.0	5000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
243	244	160	RL	75.0	10762	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Saw
244	245	60	RL	NaN	8880	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw
245	246	20	RL	80.0	10400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
246	247	190	RM	69.0	9142	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	OldT
247	248	20	RL	75.0	11310	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
248	249	60	RL	72.0	11317	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
249	250	50	RL	NaN	159000	Pave	NaN	IR2	Low	AllPub	CulDSac	Sev	Cle
250	251	30	RL	55.0	5350	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
251	252	120	RM	44.0	4750	Pave	NaN	IR1	HLS	AllPub	Inside	Mod	Cra
252	253	60	RL	65.0	8366	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw
253	254	80	RL	85.0	9350	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
254	255	20	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
255	256	60	RL	66.0	8738	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
256	257	60	FV	64.0	8791	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sor
257	258	20	RL	68.0	8814	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
258	259	60	RL	80.0	12435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
259	260	20	RM	70.0	12702	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
260	261	80	RL	120.0	19296	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA

261	262	60	RL	69.0	9588	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co		
262	263	80	RL	88.0	8471	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sa		
263	264	50	RM	50.0	5500	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1		
264	265	30	RM	30.0	5232	Pave	Grvl	IR3	Bnk	AllPub	Inside	Gtl	Old1		
265	266	20	RL	78.0	12090	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA		
266	267	60	RL	70.0	11207	Pave	NaN	IR1	HLS	AllPub	FR2	Gtl	G		
267	268	75	RL	60.0	8400	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	SV		
268	269	30	RM	71.0	6900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
269	270	20	RL	NaN	7917	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Edw		
270	271	60	FV	84.0	10728	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
271	272	20	RL	73.0	39104	Pave	NaN	IR1	Low	AllPub	CulDSac	Sev	Cle		
272	273	60	RL	92.0	11764	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF		
273	274	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
274	275	20	RL	76.0	8314	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Mi		
275	276	50	RL	55.0	7264	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
276	277	20	RL	129.0	9196	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Mi		
277	278	20	RL	140.0	19138	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	G		
278	279	20	RL	107.0	14450	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
279	280	60	RL	83.0	10005	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cle		
280	281	60	RL	82.0	11287	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
281	282	20	FV	60.0	7200	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
282	283	120	RL	34.0	5063	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
283	284	20	RL	74.0	9612	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
284	285	120	RL	50.0	8012	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
285	286	160	FV	35.0	4251	Pave	Pave	IR1	Lvl	AllPub	Inside	Gtl	Sor		
286	287	50	RL	77.0	9786	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	NA		
287	288	20	RL	NaN	8125	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA		
288	289	20	RL	NaN	9819	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
289	290	70	RL	60.0	8730	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
290	291	60	RL	120.0	15611	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
291	292	190	RL	55.0	5687	Pave	Grvl	Reg	Bnk	AllPub	Inside	Gtl	SV		
292	293	50	RL	60.0	11409	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
293	294	60	RL	NaN	16659	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA		
294	295	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
295	296	80	RL	37.0	7937	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi		
296	297	50	RM	75.0	13710	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
297	298	60	FV	66.0	7399	Pave	Pave	IR1	Lvl	AllPub	Inside	Gtl	Sor		
298	299	60	RL	90.0	11700	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
299	300	20	RL	80.0	14000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
300	301	190	RL	90.0	15750	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Cra		
301	302	60	RL	66.0	16226	Pave	NaN	IR3	Lvl	AllPub	Inside	Gtl	Co		
302	303	20	RL	118.0	13704	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co		
303	304	20	RL	70.0	9800	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co		
304	305	75	RM	87.0	18386	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
305	306	20	RL	80.0	10386	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
306	307	60	RL	116.0	13474	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
307	308	50	RM	NaN	7920	Pave	Grvl	IR1	Lvl	AllPub	Inside	Gtl	IDO		
308	309	30	RL	NaN	12342	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw		
309	310	20	RL	90.0	12378	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
310	311	60	RL	NaN	7685	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
311	312	20	RL	50.0	8000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
312	313	190	RM	65.0	7800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
313	314	20	RL	150.0	215245	Pave	NaN	IR3	Low	AllPub	Inside	Sev	Tii		
314	315	70	RM	60.0	9600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		

315	316	60	RL	71.0	7795	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
316	317	60	RL	94.0	13005	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA		
317	318	60	FV	75.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
318	319	60	RL	90.0	9900	Pave	NaN	Reg	Low	AllPub	Inside	Mod	NoF		
319	320	80	RL	NaN	14115	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
320	321	60	RL	111.0	16259	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nri		
321	322	60	RL	99.0	12099	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
322	323	60	RL	86.0	10380	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw		
323	324	20	RM	49.0	5820	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
324	325	80	RL	96.0	11275	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA		
325	326	45	RM	50.0	5000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
326	327	120	RL	32.0	10846	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Vee		
327	328	20	RL	80.0	11600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
328	329	75	RL	NaN	11888	Pave	Pave	IR1	Bnk	AllPub	Inside	Gtl	Brk		
329	330	70	RM	60.0	6402	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	IDO		
330	331	90	RL	NaN	10624	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA		
331	332	20	RL	70.0	8176	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
332	333	20	RL	85.0	10655	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
333	334	120	RM	59.0	8198	Pave	NaN	Reg	Lvl	AllPub	FR3	Gtl	Nri		
334	335	60	RL	59.0	9042	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
335	336	190	RL	NaN	164660	Grvl	NaN	IR1	HLS	AllPub	Corner	Sev	Tii		
336	337	20	RL	86.0	14157	Pave	NaN	IR1	HLS	AllPub	Corner	Gtl	Sto		
337	338	20	RL	70.0	9135	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
338	339	20	RL	91.0	14145	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NWA		
339	340	20	RL	66.0	12400	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA		
340	341	60	RL	85.0	14191	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii		
341	342	20	RH	60.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
342	343	90	RL	NaN	8544	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
343	344	120	RL	63.0	8849	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
344	345	160	RM	36.0	2592	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac		
345	346	50	RL	65.0	6435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
346	347	20	RL	NaN	12772	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NA		
347	348	20	RL	NaN	17600	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA		
348	349	160	RL	36.0	2448	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
349	350	60	RL	56.0	20431	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	Nri		
350	351	120	RL	68.0	7820	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
351	352	120	RL	NaN	5271	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Cle		
352	353	50	RL	60.0	9084	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
353	354	30	RM	60.0	8520	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
354	355	50	RL	60.0	8400	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV		
355	356	20	RL	105.0	11249	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	Co		
356	357	20	RL	NaN	9248	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
357	358	120	RM	44.0	4224	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac		
358	359	80	RL	92.0	6930	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cle		
359	360	60	RL	78.0	12011	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF		
360	361	85	RL	NaN	7540	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi		
361	362	50	RL	NaN	9144	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Brk		
362	363	85	RL	64.0	7301	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
363	364	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
364	365	60	RL	NaN	18800	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	NWA		
365	366	70	RM	59.0	10690	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
366	367	20	RL	NaN	9500	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA		
367	368	80	RL	101.0	9150	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA		
368	369	20	RL	78.0	7800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA		
369	370	20	RL	NaN	9830	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA		

Detailed Site Analysis Report - Q3 2024															
Project ID		Location		Dimensions		Soil Type		Groundwater		Structural Integrity		Environmental Impact		Overall Rating	
Row	Column	Block	Unit	Length	Breadth	Texture	Color	Depth	Flow Rate	Strength	Stability	Pot. Hazards	Impact Score	Category	
370	371			60	RL	Nan	8121	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	G
371	372			50	RL	80.0	17120	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Cle
372	373			120	RL	50.0	7175	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Saw
373	374			20	RL	79.0	10634	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	N/A
374	375			60	RL	65.0	8200	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Co
375	376			30	RL	Nan	10020	Pave	Nan	IR1	Low	AllPub	Inside	Sev	Edw
376	377			85	RL	57.0	8846	Pave	Nan	IR1	Lvl	AllPub	CulDSac	Gtl	Co
377	378			60	FV	102.0	11143	Pave	Nan	IR1	Lvl	AllPub	Corner	Gtl	Sor
378	379			20	RL	88.0	11394	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	Sto
379	380			60	RL	60.0	8123	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	G
380	381			50	RL	50.0	5000	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	SV
381	382			20	FV	60.0	7200	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
382	383			60	RL	79.0	9245	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	Co
383	384			45	RH	60.0	9000	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	Saw
384	385			60	RL	Nan	53107	Pave	Nan	IR2	Low	AllPub	Corner	Mod	Cle
385	386			120	RL	43.0	3182	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Blr
386	387			50	RL	58.0	8410	Pave	Nan	Reg	Lvl	AllPub	FR2	Gtl	Edw
387	388			80	RL	72.0	7200	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Edw
388	389			20	RL	93.0	9382	Pave	Nan	IR1	Lvl	AllPub	CulDSac	Gtl	Co
389	390			60	RL	96.0	12474	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Nri
390	391			50	RL	50.0	8405	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Edw
391	392			60	RL	71.0	12209	Pave	Nan	IR1	Lvl	AllPub	CulDSac	Gtl	Mi
392	393			20	RL	Nan	8339	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	N/A
393	394			30	RL	Nan	7446	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	Brk
394	395			50	RL	60.0	10134	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Old
395	396			20	RL	68.0	9571	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Edw
396	397			20	RL	60.0	7200	Pave	Nan	Reg	Low	AllPub	Inside	Gtl	Co
397	398			60	RL	69.0	7590	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	N/A
398	399			30	RM	60.0	8967	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	IDO
399	400			60	FV	65.0	8125	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Sor
400	401			120	RL	38.0	14963	Pave	Nan	IR2	Lvl	AllPub	Inside	Gtl	Vee
401	402			20	RL	65.0	8767	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	Co
402	403			30	RL	60.0	10200	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Sa
403	404			60	RL	93.0	12090	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	NoF
404	405			60	RL	Nan	10364	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	G
405	406			20	RL	Nan	9991	Pave	Nan	IR1	Lvl	AllPub	Corner	Gtl	Sa
406	407			50	RL	51.0	10480	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	SV
407	408			70	RL	63.0	15576	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Cra
408	409			60	RL	109.0	14154	Pave	Nan	Reg	Lvl	AllPub	Corner	Gtl	Nri
409	410			60	FV	85.0	10800	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Sor
410	411			20	RL	68.0	9571	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Edw
411	412			190	RL	100.0	34650	Pave	Nan	Reg	Bnk	AllPub	Inside	Gtl	G
412	413			20	FV	Nan	4403	Pave	Nan	IR2	Lvl	AllPub	Inside	Gtl	Sor
413	414			30	RM	56.0	8960	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old
414	415			60	RL	59.0	11228	Pave	Nan	IR2	Lvl	AllPub	CulDSac	Gtl	Saw
415	416			20	RL	73.0	8899	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	G
416	417			60	RL	74.0	7844	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Sa
417	418			70	RL	86.0	22420	Pave	Nan	IR1	Lvl	AllPub	Inside	Gtl	Cra
418	419			50	RL	60.0	8160	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Edw
419	420			20	RL	65.0	8450	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	N/A
420	421			90	RM	78.0	7060	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	Mi
421	422			20	RL	Nan	16635	Pave	Nan	IR1	Lvl	AllPub	FR2	Gtl	NWA
422	423			20	RL	100.0	21750	Pave	Nan	Reg	HLS	AllPub	Inside	Mod	Mi
423	424			60	RL	80.0	9200	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	NoF
424	425			20	RL	72.0	9000	Pave	Nan	Reg	Lvl	AllPub	Inside	Gtl	N/A

425	426	60	RM	60.0	3378	Pave	Grvl	Reg	HLS	AllPub	Inside	Gtl	Old1		
426	427	80	RL	NaN	12800	Pave	NaN	Reg	Low	AllPub	Inside	Mod	Saw		
427	428	20	RL	77.0	8593	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N		
428	429	20	RL	64.0	6762	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
429	430	20	RL	130.0	11457	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Til		
430	431	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
431	432	50	RM	60.0	5586	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Old1		
432	433	160	RM	24.0	1920	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
433	434	60	RL	100.0	10839	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
434	435	180	RM	21.0	1890	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac		
435	436	60	RL	43.0	10667	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	Co		
436	437	50	RM	40.0	4400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
437	438	45	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
438	439	30	RL	40.0	4280	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
439	440	50	RL	67.0	12354	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	Edw		
440	441	20	RL	105.0	15431	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
441	442	90	RL	92.0	12108	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
442	443	50	RM	52.0	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
443	444	120	RL	53.0	3922	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
444	445	60	RL	70.0	8750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
445	446	20	RL	73.0	9855	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
446	447	20	RL	137.0	16492	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N		
447	448	60	RL	NaN	11214	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
448	449	50	RM	50.0	8600	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	IDO		
449	450	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
450	451	30	RM	70.0	5684	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
451	452	20	RL	62.0	70761	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Cle		
452	453	60	RL	NaN	9303	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Til		
453	454	60	FV	75.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
454	455	90	RL	63.0	9297	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi		
455	456	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
456	457	70	RM	34.0	4571	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
457	458	20	RL	NaN	53227	Pave	NaN	IR1	Low	AllPub	CulDSac	Mod	Cle		
458	459	70	RM	NaN	5100	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
459	460	50	RL	NaN	7015	Pave	NaN	IR1	Bnk	AllPub	Corner	Gtl	Brk		
460	461	60	FV	75.0	8004	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sor		
461	462	70	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV		
462	463	20	RL	60.0	8281	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
463	464	70	RL	74.0	11988	Pave	NaN	IR1	HLS	AllPub	Inside	Mod	Cra		
464	465	20	RL	60.0	8430	Pave	NaN	Reg	HLS	AllPub	Inside	Mod	Co		
465	466	120	RM	NaN	3072	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
466	467	20	RL	85.0	10628	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N		
467	468	70	RL	79.0	9480	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N		
468	469	20	RL	98.0	11428	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
469	470	60	RL	76.0	9291	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Saw		
470	471	120	RL	NaN	6820	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sto		
471	472	60	RL	92.0	11952	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
472	473	180	RM	35.0	3675	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
473	474	20	RL	110.0	14977	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
474	475	120	RL	41.0	5330	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sto		
475	476	20	RL	80.0	8480	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa		
476	477	20	RL	75.0	13125	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	Co		
477	478	60	RL	105.0	13693	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
478	479	20	RL	79.0	10637	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
479	480	30	RM	50.0	5925	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Old1		

480	481	20	RL	98.0	16033	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Nri
481	482	20	RL	72.0	11846	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Nri
482	483	70	RM	50.0	2500	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	Old1
483	484	120	RM	32.0	4500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Mi
484	485	20	RL	NaN	7758	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sa
485	486	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
486	487	20	RL	79.0	10289	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
487	488	20	RL	70.0	12243	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA
488	489	190	RL	60.0	10800	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
489	490	180	RM	21.0	1526	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
490	491	160	RM	NaN	2665	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
491	492	50	RL	79.0	9490	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
492	493	60	RL	105.0	15578	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G
493	494	20	RL	70.0	7931	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
494	495	30	RM	50.0	5784	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
495	496	30	C (all)	60.0	7879	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO
496	497	20	RL	NaN	12692	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
497	498	50	RL	60.0	9120	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Brk
498	499	20	RL	65.0	7800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
499	500	20	RL	70.0	7535	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
500	501	160	RM	21.0	1890	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
501	502	60	FV	75.0	9803	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
502	503	20	RL	70.0	9170	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
503	504	20	RL	100.0	15602	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cra
504	505	160	RL	24.0	2308	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NF
505	506	90	RM	60.0	7596	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
506	507	60	RL	80.0	9554	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw
507	508	20	FV	75.0	7862	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sor
508	509	70	RM	60.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
509	510	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
510	511	20	RL	75.0	14559	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
511	512	120	RL	40.0	6792	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
512	513	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
513	514	20	RL	71.0	9187	Pave	NaN	Reg	Bnk	AllPub	Corner	Gtl	Mi
514	515	45	RL	55.0	10594	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra
515	516	20	RL	94.0	12220	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
516	517	80	RL	NaN	10448	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA
517	518	60	RL	79.0	10208	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
518	519	60	RL	NaN	9531	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co
519	520	70	RL	53.0	10918	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra
520	521	190	RL	60.0	10800	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
521	522	20	RL	90.0	11988	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A
522	523	50	RM	50.0	5000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk
523	524	60	RL	130.0	40094	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Edw
524	525	60	RL	95.0	11787	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
525	526	20	FV	62.0	7500	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
526	527	20	RL	70.0	13300	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
527	528	60	RL	67.0	14948	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
528	529	30	RL	58.0	9098	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw
529	530	20	RL	NaN	32668	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Cra
530	531	80	RL	85.0	10200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii
531	532	70	RM	60.0	6155	Pave	NaN	IR1	Lvl	AllPub	FR3	Gtl	Brk
532	533	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
533	534	20	RL	50.0	5000	Pave	NaN	Reg	Low	AllPub	Inside	Mod	Brk

534	535	60	RL	74.0	9056	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
535	536	190	RL	70.0	7000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
536	537	60	RL	57.0	8924	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Cc		
537	538	20	RL	NaN	12735	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	N/A		
538	539	20	RL	NaN	11553	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
539	540	20	RL	NaN	11423	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc		
540	541	20	RL	85.0	14601	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii		
541	542	60	RL	NaN	11000	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	NoF		
542	543	20	RL	78.0	10140	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
543	544	120	RH	34.0	4058	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
544	545	60	RL	58.0	17104	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
545	546	50	RL	NaN	13837	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA		
546	547	50	RL	70.0	8737	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Brk		
547	548	85	RL	54.0	7244	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi		
548	549	20	RM	49.0	8235	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Old1		
549	550	60	FV	75.0	9375	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
550	551	120	RL	53.0	4043	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NF		
551	552	20	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
552	553	20	RL	87.0	11146	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
553	554	20	RL	67.0	8777	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
554	555	60	RL	85.0	10625	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
555	556	45	RM	58.0	6380	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
556	557	20	RL	69.0	14850	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
557	558	50	C (all)	60.0	11040	Pave	NaN	Reg	Low	AllPub	Inside	Mod	IDO		
558	559	60	RL	57.0	21872	Pave	NaN	IR2	HLS	AllPub	FR2	Gtl	G		
559	560	120	RL	NaN	3196	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
560	561	20	RL	NaN	11341	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
561	562	20	RL	77.0	10010	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	Mi		
562	563	30	RL	63.0	13907	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
563	564	50	RL	66.0	21780	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
564	565	60	RL	NaN	13346	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF		
565	566	70	RL	66.0	6858	Pave	NaN	Reg	Bnk	AllPub	Corner	Gtl	SV		
566	567	60	RL	77.0	11198	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto		
567	568	20	RL	70.0	10171	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
568	569	50	RL	79.0	12327	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Sawy		
569	570	90	RL	NaN	7032	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
570	571	90	RL	74.0	13101	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
571	572	20	RL	60.0	7332	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
572	573	60	RL	83.0	13159	Pave	NaN	IR1	HLS	AllPub	Corner	Gtl	Tii		
573	574	80	RL	76.0	9967	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
574	575	80	RL	70.0	10500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	N/A		
575	576	50	RL	80.0	8480	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
576	577	50	RL	52.0	6292	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV		
577	578	80	RL	96.0	11777	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
578	579	160	FV	34.0	3604	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	Sor		
579	580	50	RM	81.0	12150	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
580	581	20	RL	NaN	14585	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	N/A		
581	582	20	RL	98.0	12704	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
582	583	90	RL	81.0	11841	Grvl	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
583	584	75	RM	75.0	13500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
584	585	50	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
585	586	20	RL	88.0	11443	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii		
586	587	30	RL	55.0	10267	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
587	588	85	RL	74.0	8740	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
588	589	20	RL	65.0	25095	Pave	NaN	IR1	Low	AllPub	Inside	Sev	Cle		

589	590	40	RM	50.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
590	591	60	RL	64.0	8320	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
591	592	60	RL	97.0	13478	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nri
592	593	20	RL	60.0	6600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
593	594	120	RM	NaN	4435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
594	595	20	RL	88.0	7990	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
595	596	20	RL	69.0	11302	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto
596	597	70	RM	60.0	3600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
597	598	120	RL	53.0	3922	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr
598	599	20	RL	80.0	12984	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Cra
599	600	160	RM	24.0	1950	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blu
600	601	60	RL	74.0	10927	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
601	602	50	RM	50.0	9000	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	IDO
602	603	60	RL	80.0	10041	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw
603	604	160	FV	30.0	3182	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
604	605	20	RL	88.0	12803	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
605	606	60	RL	85.0	13600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
606	607	20	RL	82.0	12464	Pave	NaN	IR2	Low	AllPub	Corner	Mod	Co
607	608	20	RL	78.0	7800	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	Edw
608	609	70	RL	78.0	12168	Pave	NaN	Reg	HLS	AllPub	Inside	Mod	Cra
609	610	20	RL	61.0	7943	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
610	611	60	RL	NaN	11050	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
611	612	80	RL	NaN	10395	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	NWA
612	613	60	RL	NaN	11885	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
613	614	20	RL	70.0	8402	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
614	615	180	RM	21.0	1491	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
615	616	85	RL	80.0	8800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
616	617	60	RL	NaN	7861	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
617	618	45	RL	59.0	7227	Pave	NaN	Reg	HLS	AllPub	Corner	Mod	N/A
618	619	20	RL	90.0	11694	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
619	620	60	RL	85.0	12244	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii
620	621	30	RL	45.0	8248	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Edw
621	622	60	RL	90.0	10800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
622	623	20	RL	71.0	7064	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
623	624	160	FV	NaN	2117	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
624	625	60	RL	80.0	10400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
625	626	20	RL	87.0	10000	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A
626	627	20	RL	NaN	12342	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
627	628	80	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
628	629	60	RL	70.0	11606	Pave	NaN	IR1	HLS	AllPub	Inside	Sev	N/A
629	630	80	RL	82.0	9020	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
630	631	70	RM	50.0	9000	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	Old1
631	632	120	RL	34.0	4590	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
632	633	20	RL	85.0	11900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
633	634	20	RL	80.0	9250	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
634	635	90	RL	64.0	6979	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
635	636	190	RH	60.0	10896	Pave	Pave	Reg	Bnk	AllPub	Inside	Gtl	SV
636	637	30	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
637	638	190	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
638	639	30	RL	67.0	8777	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
639	640	120	RL	53.0	3982	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr
640	641	120	RL	62.0	12677	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
641	642	60	FV	NaN	7050	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
642	643	80	RL	75.0	13860	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
643	644	60	RL	80.0	10793	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA

644	645	20	FV	85.0	9187	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
645	646	20	RL	NaN	10530	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nf		
646	647	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nf		
647	648	20	RL	85.0	10452	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw		
648	649	60	RL	70.0	7700	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nf		
649	650	180	RM	21.0	1936	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac		
650	651	60	FV	65.0	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
651	652	70	RL	60.0	9084	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
652	653	60	RL	70.0	8750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc		
653	654	50	RM	60.0	10320	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	IDO		
654	655	20	RL	91.0	10437	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF		
655	656	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
656	657	20	RL	72.0	10007	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nf		
657	658	70	RL	60.0	7200	Pave	NaN	Reg	HLS	AllPub	Inside	Mod	Cra		
658	659	50	RL	78.0	17503	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nf		
659	660	20	RL	75.0	9937	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
660	661	60	RL	NaN	12384	Pave	NaN	Reg	Lvl	AllPub	CulDSac	Gtl	NWA		
661	662	60	RL	52.0	46589	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	NoF		
662	663	20	RL	120.0	13560	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nf		
663	664	85	RL	90.0	10012	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
664	665	20	RL	49.0	20896	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	Sor		
665	666	60	RL	106.0	11194	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
666	667	60	RL	NaN	18450	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nf		
667	668	20	RL	65.0	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
668	669	20	RL	NaN	14175	Pave	NaN	Reg	Bnk	AllPub	Corner	Mod	Sa		
669	670	30	RL	80.0	11600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
670	671	60	RL	64.0	8633	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Cc		
671	672	70	RH	54.0	6629	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
672	673	20	RL	NaN	11250	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Vee		
673	674	20	RL	110.0	14442	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
674	675	20	RL	80.0	9200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nf		
675	676	160	RL	24.0	2289	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nf		
676	677	70	RM	60.0	9600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
677	678	30	RL	52.0	9022	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
678	679	20	RL	80.0	11844	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto		
679	680	20	RL	NaN	9945	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
680	681	120	RL	50.0	8012	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
681	682	50	RH	55.0	4500	Pave	Pave	IR2	Bnk	AllPub	Inside	Gtl	SV		
682	683	120	RL	NaN	2887	Pave	NaN	Reg	HLS	AllPub	Inside	Gtl	Cle		
683	684	20	RL	90.0	11248	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Cc		
684	685	60	RL	58.0	16770	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	NoF		
685	686	160	RL	NaN	5062	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sto		
686	687	60	FV	84.0	10207	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
687	688	160	FV	NaN	5105	Pave	NaN	IR2	Lvl	AllPub	FR2	Gtl	Sor		
688	689	20	RL	60.0	8089	Pave	NaN	Reg	HLS	AllPub	Inside	Gtl	Sto		
689	690	120	RL	61.0	7577	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nri		
690	691	120	RM	NaN	4426	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc		
691	692	60	RL	104.0	21535	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF		
692	693	60	RL	42.0	26178	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Tii		
693	694	30	RL	60.0	5400	Pave	NaN	Reg	Lvl	AllPub	Corner	Sev	Old1		
694	695	50	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk		
695	696	20	RL	54.0	13811	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Tii		
696	697	30	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
697	698	20	RL	57.0	6420	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw		
698	699	20	RL	65.0	8450	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		

699	700	120	FV	59.0	4282	Pave	Pave		IR2	Lvl	AllPub	Inside	Gtl	Sor
700	701	20	RL	85.0	14331	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Tii
701	702	20	RL	80.0	9600	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	NWA
702	703	60	RL	82.0	12438	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Sto
703	704	190	RM	76.0	7630	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Old1
704	705	20	RL	70.0	8400	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Cc
705	706	190	RM	70.0	5600	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	IDO
706	707	20	RL	NaN	115149	Pave	NaN		IR2	Low	AllPub	CulDSac	Sev	Cle
707	708	120	RL	48.0	6240	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Nri
708	709	60	RL	65.0	9018	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	G
709	710	20	RL	NaN	7162	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Sa
710	711	30	RL	56.0	4130	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Brk
711	712	50	C (all)	66.0	8712	Pave	Pave		Reg	HLS	AllPub	Inside	Mod	IDO
712	713	120	RL	40.0	4671	Pave	NaN		IR1	HLS	AllPub	Inside	Gtl	Sto
713	714	190	RL	60.0	9873	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Brk
714	715	60	RL	NaN	13517	Pave	NaN		IR1	Lvl	AllPub	CulDSac	Gtl	Sa
715	716	20	RL	78.0	10140	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	NWA
716	717	70	RM	60.0	10800	Pave	Grvl		Reg	Bnk	AllPub	Inside	Gtl	Old1
717	718	20	RL	80.0	10000	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	NWA
718	719	60	RL	96.0	10542	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	NoF
719	720	20	RL	69.0	9920	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Cc
720	721	120	RL	NaN	6563	Pave	NaN		IR1	Low	AllPub	CulDSac	Mod	Sto
721	722	120	RM	NaN	4426	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Cc
722	723	20	RL	70.0	8120	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	N/A
723	724	50	RL	60.0	8172	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Edw
724	725	20	RL	86.0	13286	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Edw
725	726	20	RL	60.0	6960	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	N/A
726	727	20	RL	NaN	21695	Pave	NaN		IR1	Lvl	AllPub	Corner	Gtl	Cra
727	728	20	RL	64.0	7314	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Cc
728	729	90	RL	85.0	11475	Pave	NaN		Reg	Lvl	AllPub	Corner	Gtl	N/A
729	730	30	RM	52.0	6240	Pave	Grvl		Reg	Lvl	AllPub	Inside	Gtl	IDO
730	731	120	RL	39.0	5389	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Sto
731	732	80	RL	73.0	9590	Pave	NaN		IR1	Lvl	AllPub	Corner	Gtl	Tii
732	733	60	RL	75.0	11404	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Cc
733	734	20	RL	80.0	10000	Pave	NaN		Reg	Lvl	AllPub	Corner	Gtl	Sa
734	735	20	RL	NaN	8978	Pave	NaN		IR1	Lvl	AllPub	Corner	Gtl	Sa
735	736	75	RM	60.0	10800	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Old1
736	737	90	RL	60.0	8544	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	N/A
737	738	60	RL	72.0	10463	Pave	NaN		IR1	HLS	AllPub	CulDSac	Gtl	G
738	739	90	RL	60.0	10800	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Edw
739	740	60	RL	65.0	9313	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Cc
740	741	70	RM	60.0	9600	Pave	Grvl		Reg	Lvl	AllPub	Inside	Gtl	Old1
741	742	20	RL	65.0	6768	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Sa
742	743	20	RL	65.0	8450	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Saw
743	744	80	RL	70.0	12886	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Sa
744	745	120	RL	41.0	5395	Pave	NaN		IR1	HLS	AllPub	Inside	Gtl	Sto
745	746	60	RL	NaN	8963	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	NWA
746	747	60	RL	NaN	8795	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	G
747	748	70	RM	65.0	11700	Pave	Pave		IR1	Lvl	AllPub	Corner	Gtl	Old1
748	749	20	RL	59.0	10593	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	NoF
749	750	50	RL	50.0	8405	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	Edw
750	751	50	RM	55.0	8800	Pave	Grvl		Reg	Lvl	AllPub	Corner	Gtl	Old1
751	752	60	RL	NaN	7750	Pave	NaN		Reg	Lvl	AllPub	Inside	Gtl	G
752	753	20	RL	79.0	9236	Pave	NaN		IR1	Lvl	AllPub	Inside	Gtl	Cc

753	754	60	RL	80.0	10240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
754	755	20	RL	61.0	7930	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
755	756	160	FV	34.0	3230	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
756	757	60	RL	68.0	10769	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cc		
757	758	60	RL	NaN	11616	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa		
758	759	160	FV	24.0	2280	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
759	760	60	RL	65.0	12257	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF		
760	761	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
761	762	30	RM	60.0	6911	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Brk		
762	763	60	FV	72.0	8640	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
763	764	60	RL	82.0	9430	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NoF		
764	765	120	RL	30.0	9549	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Vee		
765	766	20	RL	75.0	14587	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sor		
766	767	60	RL	80.0	10421	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
767	768	50	RL	75.0	12508	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Mi		
768	769	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc		
769	770	60	RL	47.0	53504	Pave	NaN	IR2	HLS	AllPub	CulDSac	Mod	Sto		
770	771	85	RL	NaN	7252	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa		
771	772	20	RL	67.0	8877	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
772	773	80	RL	94.0	7819	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
773	774	20	RL	70.0	10150	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
774	775	20	RL	110.0	14226	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nri		
775	776	120	RM	32.0	4500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Mi		
776	777	20	RL	86.0	11210	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cc		
777	778	20	RL	100.0	13350	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
778	779	90	RH	60.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
779	780	90	RL	78.0	10530	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi		
780	781	20	RL	63.0	7875	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G		
781	782	60	RL	65.0	7153	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
782	783	20	RL	67.0	16285	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	Cc		
783	784	85	RL	NaN	9101	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Mi		
784	785	75	RM	35.0	6300	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
785	786	20	RL	NaN	9790	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
786	787	50	RM	60.0	10800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
787	788	60	RL	76.0	10142	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw		
788	789	20	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1		
789	790	60	RL	NaN	12205	Pave	NaN	IR1	Low	AllPub	Inside	Gtl	Cle		
790	791	120	RL	43.0	3182	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
791	792	80	RL	NaN	11333	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Mi		
792	793	60	RL	92.0	9920	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF		
793	794	20	RL	76.0	9158	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
794	795	60	RL	NaN	10832	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
795	796	60	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
796	797	20	RL	71.0	8197	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
797	798	20	RL	57.0	7677	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
798	799	60	RL	104.0	13518	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
799	800	50	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	SV		
800	801	60	RL	79.0	12798	Pave	NaN	IR1	HLS	AllPub	Inside	Mod	Cle		
801	802	30	RM	40.0	4800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
802	803	60	RL	63.0	8199	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc		
803	804	60	RL	107.0	13891	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
804	805	20	RL	75.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
805	806	20	RL	91.0	12274	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Sor		
806	807	80	RL	75.0	9750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
807	808	70	RL	144.0	21384	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		

808	809	80	RL	85.0	13400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
809	810	75	RM	90.0	8100	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1		
810	811	20	RL	78.0	10140	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
811	812	120	RM	NaN	4438	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
812	813	20	C (all)	66.0	8712	Grvl	NaN	Reg	Bnk	AllPub	Inside	Mod	IDO		
813	814	20	RL	75.0	9750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
814	815	50	RL	45.0	8248	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Edw		
815	816	20	RL	48.0	12137	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	Co		
816	817	20	RL	NaN	11425	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
817	818	20	RL	NaN	13265	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi		
818	819	80	RL	80.0	8816	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cle		
819	820	120	RL	44.0	6371	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
820	821	60	RL	72.0	7226	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co		
821	822	20	RM	60.0	6000	Pave	Pave	Reg	Bnk	AllPub	Inside	Mod	Old1		
822	823	60	RL	NaN	12394	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G		
823	824	50	RL	60.0	9900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV		
824	825	20	FV	81.0	11216	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
825	826	20	RL	114.0	14803	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
826	827	45	RM	50.0	6130	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
827	828	20	RL	65.0	8529	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw		
828	829	60	RL	NaN	28698	Pave	NaN	IR2	Low	AllPub	CulDSac	Sev	Cle		
829	830	160	FV	24.0	2544	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
830	831	20	RL	80.0	11900	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
831	832	160	FV	30.0	3180	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
832	833	60	RL	44.0	9548	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co		
833	834	20	RL	100.0	10004	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
834	835	20	RL	75.0	7875	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
835	836	20	RL	60.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
836	837	30	RM	90.0	8100	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Old1		
837	838	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
838	839	20	RL	75.0	9525	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
839	840	50	RL	70.0	11767	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
840	841	70	RH	NaN	12155	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	SV		
841	842	70	RM	60.0	10440	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
842	843	80	RL	82.0	9020	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
843	844	90	RL	80.0	8000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
844	845	50	RM	100.0	12665	Pave	Grvl	IR1	Lvl	AllPub	Inside	Gtl	Old1		
845	846	85	RL	NaN	16647	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa		
846	847	60	RL	75.0	9317	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
847	848	20	RL	36.0	15523	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co		
848	849	50	RL	75.0	45600	Pave	NaN	IR2	Bnk	AllPub	Inside	Gtl	Cle		
849	850	80	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Vee		
850	851	120	RM	36.0	4435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
851	852	120	RL	NaN	3196	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
852	853	75	RL	53.0	7128	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Crz		
853	854	80	RL	NaN	12095	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
854	855	20	RL	102.0	17920	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
855	856	20	RL	NaN	6897	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sa		
856	857	80	RL	NaN	10970	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Co		
857	858	60	RL	65.0	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G		
858	859	20	RL	80.0	10400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
859	860	60	RL	NaN	11029	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA		
860	861	50	RL	55.0	7642	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Crz		
861	862	190	RL	75.0	11625	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
862	863	20	RL	81.0	9672	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Saw		

863	864	20	RL	70.0	7931	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
864	865	20	FV	72.0	8640	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
865	866	20	RL	NaN	8750	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
866	867	20	RL	67.0	10656	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Tii
867	868	20	RL	85.0	6970	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa
868	869	60	RL	NaN	14762	Pave	NaN	IR2	Lvl	AllPub	Corner	Gtl	G
869	870	60	RL	80.0	9938	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
870	871	20	RL	60.0	6600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
871	872	60	RL	70.0	8750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
872	873	20	RL	74.0	8892	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
873	874	40	RL	60.0	12144	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
874	875	50	RM	52.0	5720	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
875	876	60	FV	75.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
876	877	20	RL	94.0	25286	Pave	NaN	Reg	HLS	AllPub	Inside	Mod	Mi
877	878	60	RL	74.0	8834	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
878	879	85	RL	88.0	11782	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa
879	880	20	RL	NaN	7000	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Co
880	881	20	RL	60.0	7024	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
881	882	50	RL	44.0	13758	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Tii
882	883	60	RL	NaN	9636	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G
883	884	75	RL	60.0	6204	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV
884	885	20	RL	65.0	7150	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
885	886	120	FV	50.0	5119	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sor
886	887	90	RL	70.0	8393	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
887	888	50	RL	59.0	16466	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw
888	889	20	RL	95.0	15865	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	N/A
889	890	20	RL	128.0	12160	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
890	891	50	RL	60.0	8064	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
891	892	60	RL	70.0	11184	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
892	893	20	RL	70.0	8414	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
893	894	20	RL	NaN	13284	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
894	895	90	RL	64.0	7018	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Saw
895	896	60	RL	71.0	7056	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
896	897	30	RM	50.0	8765	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	IDO
897	898	90	RL	64.0	7018	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
898	899	20	RL	100.0	12919	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
899	900	20	RL	65.0	6993	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
900	901	20	RL	NaN	7340	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
901	902	20	RL	64.0	8712	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
902	903	60	RL	63.0	7875	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
903	904	20	RL	50.0	14859	Pave	NaN	IR1	HLS	AllPub	CulDSac	Gtl	G
904	905	20	RL	NaN	6173	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa
905	906	20	RL	80.0	9920	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
906	907	20	RL	116.0	13501	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sor
907	908	50	RL	86.0	11500	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cræ
908	909	20	RL	NaN	8885	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Mi
909	910	60	RL	149.0	12589	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	G
910	911	90	RL	80.0	11600	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
911	912	20	RL	NaN	9286	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Mod	Co
912	913	30	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
913	914	90	RH	82.0	6270	Pave	NaN	Reg	HLS	AllPub	Inside	Gtl	Cræ
914	915	160	FV	30.0	3000	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
915	916	160	RM	21.0	2001	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
916	917	20	C (all)	50.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO
917	918	20	RL	NaN	17140	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw

918	919	60	RL	103.0	13125	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Saw
919	920	20	RL	87.0	11029	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A
920	921	60	RL	70.0	8462	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw
921	922	90	RL	67.0	8777	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
922	923	20	RL	65.0	10237	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
923	924	120	RL	50.0	8012	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
924	925	20	RL	79.0	10240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
925	926	20	RL	NaN	15611	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA
926	927	60	RL	93.0	11999	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri
927	928	60	RL	NaN	9900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
928	929	20	RL	NaN	11838	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
929	930	60	RL	NaN	13006	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	G
930	931	20	RL	73.0	8925	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Tii
931	932	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
932	933	20	RL	84.0	11670	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Sor
933	934	20	RL	63.0	8487	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Co
934	935	20	RL	313.0	27650	Pave	NaN	IR2	HLS	AllPub	Inside	Mod	N/A
935	936	30	RL	52.0	5825	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
936	937	20	RL	67.0	10083	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
937	938	60	RL	75.0	9675	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
938	939	60	RL	73.0	8760	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
939	940	70	RL	NaN	24090	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cle
940	941	90	RL	55.0	12640	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Mi
941	942	60	RL	NaN	8755	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	G
942	943	90	RL	42.0	7711	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Edw
943	944	90	RL	100.0	25000	Pave	NaN	Reg	Low	AllPub	Inside	Gtl	Mi
944	945	20	RL	NaN	14375	Pave	NaN	IR1	Lvl	NoSeWa	CulDSac	Gtl	Tii
945	946	50	RM	98.0	8820	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
946	947	80	RL	70.0	8163	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
947	948	20	RL	85.0	14536	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Tii
948	949	60	RL	65.0	14006	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
949	950	20	RL	78.0	9360	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
950	951	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
951	952	20	RH	60.0	7800	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Saw
952	953	85	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
953	954	60	RL	NaN	11075	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Mi
954	955	90	RL	35.0	9400	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Edw
955	956	90	RH	82.0	7136	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Cra
956	957	160	RM	24.0	1300	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blt
957	958	20	RL	70.0	7420	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
958	959	20	RL	65.0	8450	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
959	960	160	FV	24.0	2572	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Sor
960	961	20	RL	50.0	7207	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
961	962	60	RL	NaN	12227	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA
962	963	160	RL	24.0	2308	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NF
963	964	20	RL	122.0	11923	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co
964	965	60	RL	80.0	11316	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Tii
965	966	60	RL	65.0	10237	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
966	967	50	RL	130.0	9600	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Cra
967	968	20	RL	NaN	7390	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
968	969	50	RM	50.0	5925	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
969	970	190	RL	75.0	10382	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
970	971	50	RL	60.0	10800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
971	972	160	RL	36.0	2268	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri

972	973	120	RL	55.0	7892	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
973	974	20	FV	95.0	11639	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sor		
974	975	70	RL	60.0	11414	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Brk		
975	976	160	FV	NaN	2651	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Sor		
976	977	30	RL	51.0	5900	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Brk		
977	978	120	FV	35.0	4274	Pave	Pave	IR1	Lvl	AllPub	Inside	Gtl	Sor		
978	979	20	RL	68.0	9450	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	Edw		
979	980	20	RL	80.0	8816	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa		
980	981	85	RL	NaN	12122	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A		
981	982	60	RL	98.0	12203	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF		
982	983	20	RL	43.0	3182	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
983	984	60	RL	NaN	11250	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co		
984	985	90	RL	75.0	10125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi		
985	986	190	RL	68.0	10880	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
986	987	50	RM	59.0	5310	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1		
987	988	20	RL	83.0	10159	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri		
988	989	60	RL	NaN	12046	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA		
989	990	60	FV	65.0	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
990	991	60	RL	82.0	9452	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NoF		
991	992	70	RM	121.0	17671	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	Old1		
992	993	60	RL	80.0	9760	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	N/A		
993	994	60	RL	68.0	8846	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
994	995	20	RL	96.0	12456	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Nri		
995	996	50	RL	51.0	4712	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Brk		
996	997	20	RL	NaN	10659	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
997	998	20	RL	NaN	11717	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA		
998	999	30	RM	60.0	9786	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO		
999	1000	20	RL	64.0	6762	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1000	1001	20	RL	74.0	10206	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw		
1001	1002	30	RL	60.0	5400	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1		
1002	1003	20	RL	75.0	11957	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sor		
1003	1004	90	RL	NaN	11500	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA		
1004	1005	120	RL	43.0	3182	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
1005	1006	80	RL	65.0	8385	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1006	1007	20	RL	NaN	12155	Pave	NaN	IR3	Lvl	AllPub	Inside	Gtl	N/A		
1007	1008	160	RM	21.0	2217	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac		
1008	1009	20	RL	43.0	12118	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi		
1009	1010	50	RL	60.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV		
1010	1011	50	RL	115.0	21286	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
1011	1012	90	RL	75.0	9825	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
1012	1013	70	RL	55.0	10592	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
1013	1014	30	RM	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
1014	1015	20	RL	60.0	11664	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1015	1016	60	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
1016	1017	20	RL	73.0	11883	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1017	1018	120	RL	NaN	5814	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sto		
1018	1019	80	RL	NaN	10784	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	G		
1019	1020	120	RL	43.0	3013	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
1020	1021	20	RL	60.0	7024	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
1021	1022	20	RL	64.0	7406	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1022	1023	50	RM	52.0	9439	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1		
1023	1024	120	RL	43.0	3182	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr		
1024	1025	20	RL	NaN	15498	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Til		
1025	1026	20	RL	70.0	7700	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co		
1026	1027	20	RL	73.0	9300	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		

1027	1028	20	RL	71.0	9520	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Tii
1028	1029	50	RL	79.0	9492	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1029	1030	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
1030	1031	190	RH	NaN	7082	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV
1031	1032	75	RL	102.0	15863	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	SV
1032	1033	60	RL	NaN	14541	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF
1033	1034	20	RL	NaN	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1034	1035	30	RL	50.0	6305	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Cra
1035	1036	20	RL	NaN	11500	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Edw
1036	1037	20	RL	89.0	12898	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Tii
1037	1038	60	RL	NaN	9240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1038	1039	160	RM	21.0	1533	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
1039	1040	180	RM	21.0	1477	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
1040	1041	20	RL	88.0	13125	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa
1041	1042	60	RL	NaN	9130	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1042	1043	120	RL	34.0	5381	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1043	1044	60	RL	86.0	11839	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw
1044	1045	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1045	1046	20	RL	NaN	13680	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Edw
1046	1047	60	RL	85.0	16056	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto
1047	1048	20	RL	57.0	9245	Pave	NaN	IR2	Lvl	AllPub	Inside	Gtl	Co
1048	1049	20	RL	100.0	21750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
1049	1050	20	RL	60.0	11100	Pave	NaN	Reg	Low	AllPub	Inside	Gtl	Edw
1050	1051	20	RL	73.0	8993	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1051	1052	20	RL	103.0	11175	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co
1052	1053	60	RL	100.0	9500	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
1053	1054	20	RL	68.0	8562	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	Edw
1054	1055	60	RL	90.0	11367	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
1055	1056	20	RL	104.0	11361	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1056	1057	120	RL	43.0	7052	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1057	1058	60	RL	NaN	29959	Pave	NaN	IR2	Lvl	AllPub	FR2	Gtl	NoF
1058	1059	60	RL	96.0	11308	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1059	1060	50	RL	NaN	11275	Pave	NaN	IR1	HLS	AllPub	Corner	Mod	Cra
1060	1061	120	RL	41.0	4920	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sto
1061	1062	30	C (all)	120.0	18000	Grvl	NaN	Reg	Low	AllPub	Inside	Gtl	IDO
1062	1063	190	RM	85.0	13600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
1063	1064	30	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
1064	1065	20	RL	NaN	11000	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	N/A
1065	1066	60	RL	80.0	14000	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	Cle
1066	1067	60	RL	59.0	7837	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1067	1068	60	RL	80.0	9760	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	N/A
1068	1069	160	RM	42.0	3964	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
1069	1070	45	RL	60.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1070	1071	20	RL	72.0	10152	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1071	1072	60	RL	78.0	11700	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1072	1073	50	RL	50.0	7585	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1073	1074	60	RL	75.0	7950	Pave	NaN	IR1	Bnk	AllPub	Corner	Gtl	Edw
1074	1075	20	RL	74.0	8556	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1075	1076	70	RL	75.0	13125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra
1076	1077	50	RL	60.0	10800	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
1077	1078	20	RL	NaN	15870	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A
1078	1079	120	RM	37.0	4435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1079	1080	20	RL	65.0	8775	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1080	1081	20	RL	80.0	11040	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1081	1082	20	RL	75.0	7500	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa

1082	1083	20	RL	70.0	8749	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc	
1083	1084	20	RL	80.0	8800	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1084	1085	60	RL	NaN	13031	Pave	NaN	IR2	Lvl	AllPub	Corner	Gtl	G	
1085	1086	85	RL	73.0	9069	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw	
1086	1087	160	RM	NaN	1974	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac	
1087	1088	60	FV	85.0	10574	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor	
1088	1089	160	RM	24.0	2522	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw	
1089	1090	120	FV	37.0	3316	Pave	Pave	IR1	Lvl	AllPub	Inside	Gtl	Sor	
1090	1091	90	RL	60.0	8544	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A	
1091	1092	160	FV	24.0	2160	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor	
1092	1093	50	RL	60.0	8400	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV	
1093	1094	20	RL	71.0	9230	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A	
1094	1095	20	RL	74.0	5868	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1095	1096	20	RL	78.0	9317	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cc	
1096	1097	70	RM	60.0	6882	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO	
1097	1098	120	RL	NaN	3696	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sto	
1098	1099	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk	
1099	1100	20	RL	82.0	11880	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA	
1100	1101	30	RL	60.0	8400	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV	
1101	1102	20	RL	61.0	9758	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A	
1102	1103	20	RL	70.0	7000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1103	1104	20	RL	79.0	8910	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A	
1104	1105	160	RM	24.0	2016	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br	
1105	1106	60	RL	98.0	12256	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF	
1106	1107	20	RL	114.0	10357	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Saw	
1107	1108	60	RL	168.0	23257	Pave	NaN	IR3	HLS	AllPub	CulDSac	Gtl	G	
1108	1109	60	RL	NaN	8063	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G	
1109	1110	20	RL	107.0	11362	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri	
1110	1111	60	RL	NaN	8000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G	
1111	1112	60	RL	80.0	10480	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA	
1112	1113	20	RL	73.0	7100	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	N/A	
1113	1114	20	RL	66.0	8923	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1114	1115	20	RL	90.0	5400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1115	1116	20	RL	93.0	12085	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri	
1116	1117	80	RL	NaN	7750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G	
1117	1118	20	RL	57.0	9764	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Sa	
1118	1119	80	RL	85.0	13825	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa	
1119	1120	20	RL	70.0	7560	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1120	1121	30	RM	59.0	8263	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	IDO	
1121	1122	20	RL	84.0	10084	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc	
1122	1123	20	RL	NaN	8926	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Edw	
1123	1124	20	RL	50.0	9405	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw	
1124	1125	80	RL	NaN	9125	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G	
1125	1126	20	RL	60.0	10434	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	
1126	1127	120	RL	53.0	3684	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr	
1127	1128	20	RL	182.0	14572	Pave	NaN	IR3	Lvl	AllPub	Corner	Gtl	G	
1128	1129	60	RL	59.0	11796	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G	
1129	1130	90	RM	60.0	7200	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1130	1131	50	RL	65.0	7804	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV	
1131	1132	20	RL	63.0	10712	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi	
1132	1133	70	RM	90.0	9900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1133	1134	60	RL	80.0	9828	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Saw	
1134	1135	60	RL	57.0	8773	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	G	
1135	1136	30	RM	60.0	6180	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk	
1136	1137	50	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A	

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Project ID		Location		Geographic Type		Infrastructure Status		Environmental Impact		Operational Metrics		Financial Summary	
ID	Name	Latitude	Longitude	Urban	Rural	Active	Inactive	Regulated	Unregulated	Low	Medium	High	Total Cost
1137	1138	50	RL	54.0	6342	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1138	1139	20	RL	NaN	9819	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Mi
1139	1140	30	RL	98.0	8731	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Brk
1140	1141	20	RL	60.0	7350	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A
1141	1142	60	RL	NaN	10304	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NWA
1142	1143	60	RL	77.0	9965	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cc
1143	1144	20	RL	NaN	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1144	1145	190	RL	60.0	12180	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1145	1146	50	RM	52.0	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1146	1147	20	RL	NaN	11200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sawy
1147	1148	70	RL	75.0	12000	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Cra
1148	1149	50	RM	NaN	5700	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
1149	1150	70	RM	50.0	9000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
1150	1151	20	RL	57.0	8280	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
1151	1152	20	RL	134.0	17755	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1152	1153	20	RL	90.0	14115	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cra
1153	1154	30	RM	NaN	5890	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	IDO
1154	1155	60	RL	NaN	13700	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
1155	1156	20	RL	90.0	10768	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Vee
1156	1157	80	RL	85.0	9350	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1157	1158	120	RL	34.0	5001	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1158	1159	20	RL	92.0	11932	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Sor
1159	1160	60	RL	76.0	9120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1160	1161	160	RL	24.0	2280	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NF
1161	1162	20	RL	NaN	14778	Pave	NaN	IR1	Low	AllPub	CulDSac	Gtl	Cra
1162	1163	20	RL	109.0	8724	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1163	1164	90	RL	60.0	12900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1164	1165	80	RL	NaN	16157	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Vee
1165	1166	20	RL	79.0	9541	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1166	1167	20	RL	64.0	10475	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Cc
1167	1168	60	RL	58.0	10852	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1168	1169	70	RL	120.0	13728	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
1169	1170	60	RL	118.0	35760	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF
1170	1171	80	RL	76.0	9880	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
1171	1172	20	RL	76.0	9120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1172	1173	160	FV	35.0	4017	Pave	Pave	IR1	Lvl	AllPub	Inside	Gtl	Sor
1173	1174	50	RL	138.0	18030	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Cle
1174	1175	70	RL	80.0	16560	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cra
1175	1176	50	RL	85.0	10678	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NoF
1176	1177	20	RL	37.0	6951	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi
1177	1178	50	RM	NaN	3950	Pave	Grvl	Reg	Bnk	AllPub	Inside	Gtl	Old1
1178	1179	50	RL	54.0	7681	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	Cra
1179	1180	20	RL	77.0	8335	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
1180	1181	60	RL	NaN	11170	Pave	NaN	IR2	Lvl	AllPub	Corner	Gtl	Tii
1181	1182	120	RM	64.0	5587	Pave	NaN	IR1	HLS	AllPub	Inside	Mod	Cra
1182	1183	60	RL	160.0	15623	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF
1183	1184	30	RL	60.0	10800	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
1184	1185	20	RL	50.0	35133	Grvl	NaN	Reg	Lvl	AllPub	Inside	Mod	Tii
1185	1186	50	RL	60.0	9738	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1186	1187	190	RL	107.0	10615	Pave	NaN	IR1	Bnk	AllPub	Corner	Mod	Old1
1187	1188	20	RL	89.0	12461	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NoF
1188	1189	60	RL	68.0	8935	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cc
1189	1190	60	RL	60.0	7500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
1190	1191	190	RL	NaN	32463	Pave	NaN	Reg	Low	AllPub	Inside	Mod	Mi

1191	1192	160	FV	24.0	2645	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor		
1192	1193	50	RM	60.0	9600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1		
1193	1194	120	RM	NaN	4500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Mi		
1194	1195	60	RL	80.0	9364	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Sa		
1195	1196	60	RL	51.0	8029	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
1196	1197	60	RL	58.0	14054	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
1197	1198	75	RM	65.0	8850	Pave	NaN	IR1	Bnk	AllPub	Corner	Gtl	Old1		
1198	1199	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1199	1200	20	RL	75.0	11235	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
1200	1201	20	RL	71.0	9353	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1201	1202	60	RL	80.0	10400	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co		
1202	1203	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk		
1203	1204	20	RL	75.0	9750	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1204	1205	20	RL	78.0	10140	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
1205	1206	20	RL	90.0	14684	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Saw		
1206	1207	20	RH	NaN	8900	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
1207	1208	20	RL	70.0	9135	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1208	1209	20	RL	70.0	7763	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1209	1210	20	RL	85.0	10182	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sor		
1210	1211	60	RL	70.0	11218	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
1211	1212	50	RL	152.0	12134	Pave	NaN	IR1	Bnk	AllPub	Inside	Mod	G		
1212	1213	30	RL	50.0	9340	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw		
1213	1214	80	RL	NaN	10246	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa		
1214	1215	85	RL	69.0	10205	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
1215	1216	20	RL	99.0	7094	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
1216	1217	90	RM	68.0	8930	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
1217	1218	20	FV	72.0	8640	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
1218	1219	50	RM	52.0	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk		
1219	1220	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br		
1220	1221	20	RL	66.0	7800	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
1221	1222	20	RL	55.0	8250	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa		
1222	1223	50	RL	78.0	10496	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1223	1224	20	RL	89.0	10680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1224	1225	60	RL	60.0	15384	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G		
1225	1226	80	RL	65.0	10482	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1226	1227	60	RL	86.0	14598	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sor		
1227	1228	20	RL	72.0	8872	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N/A		
1228	1229	120	RL	65.0	8769	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Nri		
1229	1230	80	RL	70.0	7910	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1230	1231	90	RL	NaN	18890	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sa		
1231	1232	90	RL	70.0	7728	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A		
1232	1233	90	RL	70.0	9842	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	N/A		
1233	1234	20	RL	NaN	12160	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A		
1234	1235	70	RH	55.0	8525	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV		
1235	1236	70	RL	96.0	13132	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra		
1236	1237	160	RL	36.0	2628	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
1237	1238	60	RL	41.0	12393	Pave	NaN	IR2	Lvl	AllPub	FR2	Gtl	Co		
1238	1239	20	RL	63.0	13072	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw		
1239	1240	20	RL	64.0	9037	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Ti		
1240	1241	60	RL	65.0	8158	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co		
1241	1242	20	RL	83.0	9849	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor		
1242	1243	85	RL	85.0	10625	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		
1243	1244	20	RL	107.0	13891	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Nri		
1244	1245	70	RL	NaN	11435	Pave	NaN	IR1	HLS	AllPub	Corner	Mod	Cra		
1245	1246	80	RL	78.0	12090	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA		

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Project ID		Location		Dimensions (ft)		Material Type		Construction Status		Geographic Features		Environmental Impact			
ID	Code	Address	City	Length	Width	Type	Color	Phase	Completion	Aspect	Elevation	Soil Type	Water Source		
1246	1247	123 Main St	Springfield	60	FV	65.0	8125	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1247	1248	123 Main St	Springfield	80	RL	Nan	12328	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Mi
1248	1249	123 Main St	Springfield	75	RM	60.0	9600	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
1249	1250	123 Main St	Springfield	20	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1250	1251	123 Main St	Springfield	20	RL	93.0	11160	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA
1251	1252	123 Main St	Springfield	120	RL	Nan	3136	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nri
1252	1253	123 Main St	Springfield	20	RL	62.0	9858	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
1253	1254	123 Main St	Springfield	60	RL	Nan	17542	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Vee
1254	1255	123 Main St	Springfield	60	RL	60.0	6931	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1255	1256	123 Main St	Springfield	50	RM	52.0	6240	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1256	1257	123 Main St	Springfield	20	RL	91.0	14303	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF
1257	1258	123 Main St	Springfield	30	RL	56.0	4060	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Edw
1258	1259	123 Main St	Springfield	80	RL	59.0	9587	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1259	1260	123 Main St	Springfield	20	RL	65.0	9750	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	NA
1260	1261	123 Main St	Springfield	60	RL	Nan	24682	Pave	NaN	IR3	Lvl	AllPub	CulDSac	Gtl	G
1261	1262	123 Main St	Springfield	20	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1262	1263	123 Main St	Springfield	50	RL	Nan	11250	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cle
1263	1264	123 Main St	Springfield	70	RL	60.0	13515	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Brk
1264	1265	123 Main St	Springfield	120	RH	34.0	4060	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1265	1266	123 Main St	Springfield	160	FV	35.0	3735	Pave	NaN	Reg	Lvl	AllPub	FR3	Gtl	Sor
1266	1267	123 Main St	Springfield	190	RM	60.0	10120	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Old1
1267	1268	123 Main St	Springfield	20	RL	89.0	13214	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Til
1268	1269	123 Main St	Springfield	50	RL	Nan	14100	Pave	NaN	IR1	Lvl	AllPub	Inside	Mod	Cra
1269	1270	123 Main St	Springfield	50	RL	78.0	11344	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1270	1271	123 Main St	Springfield	40	RL	Nan	23595	Pave	NaN	Reg	Low	AllPub	Inside	Sev	Cle
1271	1272	123 Main St	Springfield	20	RL	Nan	9156	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA
1272	1273	123 Main St	Springfield	20	RL	Nan	13526	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sa
1273	1274	123 Main St	Springfield	80	RL	124.0	11512	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Edw
1274	1275	123 Main St	Springfield	50	RL	53.0	5362	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Cra
1275	1276	123 Main St	Springfield	90	RL	95.0	11345	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NA
1276	1277	123 Main St	Springfield	60	RL	Nan	12936	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NWA
1277	1278	123 Main St	Springfield	80	RL	Nan	17871	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NWA
1278	1279	123 Main St	Springfield	60	RL	75.0	9473	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1279	1280	123 Main St	Springfield	50	C (all)	60.0	7500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO
1280	1281	123 Main St	Springfield	20	RL	67.0	9808	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
1281	1282	123 Main St	Springfield	20	RL	50.0	8049	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Til
1282	1283	123 Main St	Springfield	20	RL	61.0	8800	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
1283	1284	123 Main St	Springfield	90	RL	94.0	9400	Pave	NaN	Reg	Low	AllPub	Corner	Gtl	Mi
1284	1285	123 Main St	Springfield	50	RL	50.0	9638	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV
1285	1286	123 Main St	Springfield	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1286	1287	123 Main St	Springfield	20	RL	Nan	9790	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1287	1288	123 Main St	Springfield	20	RL	Nan	36500	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Cle
1288	1289	123 Main St	Springfield	120	RL	40.0	5664	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Sto
1289	1290	123 Main St	Springfield	60	RL	86.0	11065	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri
1290	1291	123 Main St	Springfield	80	RL	Nan	14112	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA
1291	1292	123 Main St	Springfield	160	RM	21.0	1680	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
1292	1293	123 Main St	Springfield	70	RM	60.0	6600	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
1293	1294	123 Main St	Springfield	60	RL	78.0	10140	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1294	1295	123 Main St	Springfield	20	RL	60.0	8172	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1295	1296	123 Main St	Springfield	20	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1296	1297	123 Main St	Springfield	20	RL	80.0	8700	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1297	1298	123 Main St	Springfield	180	RM	35.0	3675	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1298	1299	123 Main St	Springfield	60	RL	313.0	63887	Pave	NaN	IR3	Bnk	AllPub	Corner	Gtl	Edw
1299	1300	123 Main St	Springfield	20	RL	75.0	7500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1300	1301	123 Main St	Springfield	60	RL	Nan	10762	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	G

1301	1302	70	RL	NaN	7500	Pave	NaN	IR1	Bnk	AllPub	Inside	Gtl	Cra	
1302	1303	60	RL	92.0	10120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NoF	
1303	1304	20	RL	73.0	8688	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor	
1304	1305	160	RM	32.0	3363	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw	
1305	1306	20	RL	108.0	13173	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Nri	
1306	1307	120	RL	48.0	6955	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Nri	
1307	1308	20	RL	60.0	8072	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co	
1308	1309	20	RM	100.0	12000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1309	1310	20	RL	NaN	7153	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw	
1310	1311	20	RL	100.0	17500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra	
1311	1312	20	RL	68.0	8814	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co	
1312	1313	60	RL	NaN	9572	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF	
1313	1314	60	RL	108.0	14774	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NoF	
1314	1315	20	RL	60.0	8190	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw	
1315	1316	60	RL	85.0	11075	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA	
1316	1317	20	RL	61.0	10226	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co	
1317	1318	120	FV	47.0	4230	Pave	Pave	Reg	Lvl	AllPub	Corner	Gtl	Sor	
1318	1319	20	RL	NaN	14781	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	Co	
1319	1320	20	RL	75.0	10215	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Edw	
1320	1321	20	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA	
1321	1322	20	RL	NaN	6627	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Brk	
1322	1323	60	RL	107.0	10186	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF	
1323	1324	30	RL	50.0	5330	Pave	NaN	Reg	HLS	AllPub	Inside	Gtl	Brk	
1324	1325	20	RL	75.0	9986	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor	
1325	1326	30	RM	40.0	3636	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO	
1326	1327	30	RH	70.0	4270	Pave	NaN	Reg	Bnk	AllPub	Inside	Mod	Edw	
1327	1328	20	RL	60.0	6600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi	
1328	1329	50	RM	60.0	10440	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	Old1	
1329	1330	60	RL	63.0	9084	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G	
1330	1331	20	RL	85.0	10000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor	
1331	1332	80	RL	55.0	10780	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co	
1332	1333	20	RL	67.0	8877	Pave	NaN	Reg	Lvl	AllPub	Inside	Mod	Edw	
1333	1334	50	RM	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	IDO	
1334	1335	160	RM	24.0	2368	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br	
1335	1336	20	RL	80.0	9650	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA	
1336	1337	90	RL	87.0	9246	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA	
1337	1338	30	RM	153.0	4118	Pave	Grvl	IR1	Bnk	AllPub	Corner	Mod	Old1	
1338	1339	60	RL	95.0	13450	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co	
1339	1340	20	RL	120.0	9560	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co	
1340	1341	20	RL	70.0	8294	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA	
1341	1342	20	RL	66.0	13695	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Saw	
1342	1343	60	RL	NaN	9375	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co	
1343	1344	50	RL	57.0	7558	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	Cra	
1344	1345	60	RL	85.0	11103	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Co	
1345	1346	30	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1346	1347	20	RL	NaN	20781	Pave	NaN	IR2	Lvl	AllPub	CulDSac	Gtl	NWA	
1347	1348	20	RL	93.0	15306	Pave	NaN	IR1	HLS	AllPub	Corner	Gtl	Ti	
1348	1349	20	RL	NaN	16196	Pave	NaN	IR3	Low	AllPub	Inside	Gtl	Saw	
1349	1350	70	RM	50.0	5250	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Old1	
1350	1351	90	RL	91.0	11643	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA	
1351	1352	60	RL	70.0	9247	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NA	
1352	1353	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk	
1353	1354	50	RL	56.0	14720	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NoF	
1354	1355	60	RL	NaN	10316	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co	
1355	1356	80	RL	102.0	10192	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA	

1356	1357	20	RL	NaN	9477	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	N
1357	1358	20	RL	NaN	12537	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	N
1358	1359	160	FV	NaN	2117	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1359	1360	20	RL	129.0	16737	Pave	NaN	Reg	Lvl	AllPub	FR3	Gtl	Nri
1360	1361	70	RL	51.0	9842	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV
1361	1362	20	RL	124.0	16158	Pave	NaN	IR1	Low	AllPub	Inside	Mod	Sto
1362	1363	50	RL	NaN	12513	Pave	NaN	IR1	Lvl	AllPub	FR2	Gtl	NA
1363	1364	60	RL	73.0	8499	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1364	1365	160	FV	30.0	3180	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
1365	1366	60	FV	NaN	7500	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1366	1367	60	RL	68.0	9179	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Co
1367	1368	160	RM	41.0	2665	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mea
1368	1369	120	RM	NaN	4435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1369	1370	20	RL	48.0	10635	Pave	NaN	IR2	Lvl	AllPub	FR2	Gtl	Co
1370	1371	50	RL	90.0	5400	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
1371	1372	80	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1372	1373	60	RL	75.0	9750	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
1373	1374	20	RL	NaN	11400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NoF
1374	1375	60	FV	85.0	10625	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1375	1376	20	RL	89.0	10991	Pave	NaN	IR1	HLS	AllPub	Inside	Gtl	Ti
1376	1377	30	RL	52.0	6292	Pave	NaN	Reg	Bnk	AllPub	Inside	Gtl	SV
1377	1378	50	RL	60.0	10998	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Edw
1378	1379	160	RM	21.0	1953	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Br
1379	1380	80	RL	73.0	9735	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Ti
1380	1381	30	RL	45.0	8212	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Edw
1381	1382	20	RL	NaN	12925	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NA
1382	1383	70	RM	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	OldT
1383	1384	30	RL	NaN	25339	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1384	1385	50	RL	60.0	9060	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1385	1386	50	RM	40.0	5436	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	IDO
1386	1387	60	RL	80.0	16692	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NWA
1387	1388	50	RM	60.0	8520	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	OldT
1388	1389	20	RL	42.0	14892	Pave	NaN	IR1	HLS	AllPub	CulDSac	Gtl	G
1389	1390	50	RM	60.0	6000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1390	1391	20	RL	70.0	9100	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1391	1392	90	RL	65.0	8944	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1392	1393	85	RL	68.0	7838	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1393	1394	190	RM	60.0	10800	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	OldT
1394	1395	120	RL	53.0	4045	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr
1395	1396	60	RL	88.0	12665	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Ti
1396	1397	20	RL	NaN	57200	Pave	NaN	IR1	Bnk	AllPub	Inside	Sev	Ti
1397	1398	70	RM	51.0	6120	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1398	1399	50	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NA
1399	1400	50	RL	51.0	6171	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	SV
1400	1401	50	RM	50.0	6000	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Brk
1401	1402	60	RL	62.0	7415	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1402	1403	20	RL	64.0	6762	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1403	1404	20	RL	49.0	15256	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Sor
1404	1405	50	RL	60.0	10410	Pave	Grvl	Reg	Lvl	AllPub	Corner	Gtl	OldT
1405	1406	120	RM	44.0	3842	Pave	NaN	IR1	HLS	AllPub	Inside	Mod	Cra
1406	1407	85	RL	70.0	8445	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Co
1407	1408	20	RL	NaN	8780	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Mi
1408	1409	70	RM	60.0	7740	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	OldT
1409	1410	60	RL	46.0	20544	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	NWA

1410	1411	60	RL	79.0	12420	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1411	1412	50	RL	80.0	9600	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1412	1413	90	RL	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1413	1414	20	RL	88.0	10994	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	Saw
1414	1415	50	RL	64.0	13053	Pave	Pave	Reg	Bnk	AllPub	Inside	Gtl	Brk
1415	1416	120	RL	51.0	3635	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Blr
1416	1417	190	RM	60.0	11340	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
1417	1418	60	RL	NaN	16545	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
1418	1419	20	RL	71.0	9204	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1419	1420	20	RL	NaN	16381	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	Cra
1420	1421	60	RL	90.0	11700	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	NWA
1421	1422	120	RL	53.0	4043	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NF
1422	1423	120	RM	37.0	4435	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1423	1424	80	RL	NaN	19690	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Edw
1424	1425	20	RL	NaN	9503	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1425	1426	20	RL	80.0	10721	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	N/A
1426	1427	60	RL	81.0	10944	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NoF
1427	1428	50	RL	60.0	10930	Pave	Grvl	Reg	Bnk	AllPub	Inside	Gtl	N/A
1428	1429	30	RM	60.0	7200	Pave	NaN	Reg	Lvl	AllPub	Corner	Gtl	Old1
1429	1430	20	RL	NaN	12546	Pave	NaN	IR1	Lvl	AllPub	Corner	Gtl	NWA
1430	1431	60	RL	60.0	21930	Pave	NaN	IR3	Lvl	AllPub	Inside	Gtl	G
1431	1432	120	RL	NaN	4928	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	NF
1432	1433	30	RL	60.0	10800	Pave	Grvl	Reg	Lvl	AllPub	Inside	Gtl	Old1
1433	1434	60	RL	93.0	10261	Pave	NaN	IR1	Lvl	AllPub	Inside	Gtl	G
1434	1435	20	RL	80.0	17400	Pave	NaN	Reg	Low	AllPub	Inside	Mod	Mi
1435	1436	20	RL	80.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1436	1437	20	RL	60.0	9000	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	N/A
1437	1438	20	RL	96.0	12444	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Nri
1438	1439	20	RM	90.0	7407	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Old1
1439	1440	60	RL	80.0	11584	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1440	1441	70	RL	79.0	11526	Pave	NaN	IR1	Bnk	AllPub	Inside	Mod	Cra
1441	1442	120	RM	NaN	4426	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1442	1443	60	FV	85.0	11003	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1443	1444	30	RL	NaN	8854	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Brk
1444	1445	20	RL	63.0	8500	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	Co
1445	1446	85	RL	70.0	8400	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sa
1446	1447	20	RL	NaN	26142	Pave	NaN	IR1	Lvl	AllPub	CulDSac	Gtl	Mi
1447	1448	60	RL	80.0	10000	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Co
1448	1449	50	RL	70.0	11767	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1449	1450	180	RM	21.0	1533	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Meac
1450	1451	90	RL	60.0	9000	Pave	NaN	Reg	Lvl	AllPub	FR2	Gtl	N/A
1451	1452	20	RL	78.0	9262	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Sor
1452	1453	180	RM	35.0	3675	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw
1453	1454	20	RL	90.0	17217	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Mi
1454	1455	20	FV	62.0	7500	Pave	Pave	Reg	Lvl	AllPub	Inside	Gtl	Sor
1455	1456	60	RL	62.0	7917	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	G
1456	1457	20	RL	85.0	13175	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	NWA
1457	1458	70	RL	66.0	9042	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Cra
1458	1459	20	RL	68.0	9717	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	N/A
1459	1460	20	RL	75.0	9937	Pave	NaN	Reg	Lvl	AllPub	Inside	Gtl	Edw

2. Data Information

In [5]: df.info()

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1460 entries, 0 to 1459
Data columns (total 81 columns):
 #   Column            Non-Null Count  Dtype  
--- 
 0   Id                1460 non-null    int64  
 1   MSSubClass         1460 non-null    int64  
 2   MSZoning          1460 non-null    object  
 3   LotFrontage       1201 non-null    float64 
 4   LotArea           1460 non-null    int64  
 5   Street            1460 non-null    object  
 6   Alley              91 non-null     object  
 7   LotShape          1460 non-null    object  
 8   LandContour       1460 non-null    object  
 9   Utilities          1460 non-null    object  
 10  LotConfig          1460 non-null    object  
 11  LandSlope          1460 non-null    object  
 12  Neighborhood       1460 non-null    object  
 13  Condition1        1460 non-null    object  
 14  Condition2        1460 non-null    object  
 15  BldgType          1460 non-null    object  
 16  HouseStyle         1460 non-null    object  
 17  OverallQual       1460 non-null    int64  
 18  OverallCond       1460 non-null    int64  
 19  YearBuilt          1460 non-null    int64  
 20  YearRemodAdd      1460 non-null    int64  
 21  RoofStyle          1460 non-null    object  
 22  RoofMatl           1460 non-null    object  
 23  Exterior1st        1460 non-null    object  
 24  Exterior2nd        1460 non-null    object  
 25  MasVnrType         1452 non-null    object  
 26  MasVnrArea         1452 non-null    float64 
 27  ExterQual          1460 non-null    object  
 28  ExterCond          1460 non-null    object  
 29  Foundation         1460 non-null    object  
 30  BsmtQual           1423 non-null    object  
 31  BsmtCond           1423 non-null    object  
 32  BsmtExposure       1422 non-null    object  
 33  BsmtFinType1       1423 non-null    object  
 34  BsmtFinSF1          1460 non-null    int64  
 35  BsmtFinType2       1422 non-null    object  
 36  BsmtFinSF2          1460 non-null    int64  
 37  BsmtUnfSF          1460 non-null    int64  
 38  TotalBsmtSF        1460 non-null    int64  
 39  Heating             1460 non-null    object  
 40  HeatingQC           1460 non-null    object  
 41  CentralAir          1460 non-null    object  
 42  Electrical          1459 non-null    object  
 43  1stFlrSF            1460 non-null    int64  
 44  2ndFlrSF            1460 non-null    int64  
 45  LowQualFinSF        1460 non-null    int64  
 46  GrLivArea           1460 non-null    int64  
 47  BsmtFullBath        1460 non-null    int64  
 48  BsmtHalfBath        1460 non-null    int64  
 49  FullBath            1460 non-null    int64  
 50  HalfBath            1460 non-null    int64  
 51  BedroomAbvGr        1460 non-null    int64  
 52  KitchenAbvGr        1460 non-null    int64  
 53  KitchenQual          1460 non-null    object  
 54  TotRmsAbvGrd        1460 non-null    int64  
 55  Functional           1460 non-null    object  
 56  Fireplaces           1460 non-null    int64  
 57  FireplaceQu          770 non-null     object  
 58  GarageType           1379 non-null    object  
 59  GarageYrBlt          1379 non-null    float64 
 60  GarageFinish          1379 non-null    object  
 61  GarageCars            1460 non-null    int64  
 62  GarageArea            1460 non-null    int64  
 63  GarageQual           1379 non-null    object  
 64  GarageCond            1379 non-null    object  
 65  PavedDrive           1460 non-null    object  
 66  WoodDeckSF            1460 non-null    int64  
 67  OpenPorchSF           1460 non-null    int64  
 68  EnclosedPorch          1460 non-null    int64  
 69  3SsnPorch            1460 non-null    int64  
 70  ScreenPorch           1460 non-null    int64  
 71  PoolArea              1460 non-null    int64  
 72  PoolQC                7 non-null     object  
 73  Fence                 281 non-null    object  
 74  MiscFeature           54 non-null     object  
 75  MiscVal               1460 non-null    int64  
 76  MoSold                1460 non-null    int64  
 77  YrSold                1460 non-null    int64
```

```

78 SaleType      1460 non-null    object
79 SaleCondition 1460 non-null    object
80 SalePrice     1460 non-null    int64
dtypes: float64(3), int64(35), object(43)
memory usage: 924.0+ KB

```

3. Data descriptive stats

In [6]: df.describe(include='all').T

		count	unique	top	freq	mean	std	min	25%	50%	75%	max
	Id	1460.0	NaN	NaN	NaN	730.5	421.610009	1.0	365.75	730.5	1095.25	1460.0
	MSSubClass	1460.0	NaN	NaN	NaN	56.89726	42.300571	20.0	20.0	50.0	70.0	190.0
	MSZoning	1460	5	RL	1151	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	LotFrontage	1201.0	NaN	NaN	NaN	70.049958	24.284752	21.0	59.0	69.0	80.0	313.0
	LotArea	1460.0	NaN	NaN	NaN	10516.828082	9981.264932	1300.0	7553.5	9478.5	11601.5	215245.0
	Street	1460	2	Pave	1454	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Alley	91	2	Grvl	50	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	LotShape	1460	4	Reg	925	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	LandContour	1460	4	Lvl	1311	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Utilities	1460	2	AllPub	1459	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	LotConfig	1460	5	Inside	1052	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	LandSlope	1460	3	Gtl	1382	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Neighborhood	1460	25	NAmes	225	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Condition1	1460	9	Norm	1260	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Condition2	1460	8	Norm	1445	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BldgType	1460	5	1Fam	1220	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	HouseStyle	1460	8	1Story	726	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	OverallQual	1460.0	NaN	NaN	NaN	6.099315	1.382997	1.0	5.0	6.0	7.0	10.0
	OverallCond	1460.0	NaN	NaN	NaN	5.575342	1.112799	1.0	5.0	5.0	6.0	9.0
	YearBuilt	1460.0	NaN	NaN	NaN	1971.267808	30.202904	1872.0	1954.0	1973.0	2000.0	2010.0
	YearRemodAdd	1460.0	NaN	NaN	NaN	1984.865753	20.645407	1950.0	1967.0	1994.0	2004.0	2010.0
	RoofStyle	1460	6	Gable	1141	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	RoofMatl	1460	8	CompShg	1434	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Exterior1st	1460	15	VinylSd	515	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Exterior2nd	1460	16	VinylSd	504	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	MasVnrType	1452	4	None	864	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	MasVnrArea	1452.0	NaN	NaN	NaN	103.685262	181.066207	0.0	0.0	0.0	166.0	1600.0
	ExterQual	1460	4	TA	906	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	ExterCond	1460	5	TA	1282	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Foundation	1460	6	PConc	647	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtQual	1423	4	TA	649	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtCond	1423	4	TA	1311	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtExposure	1422	4	No	953	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtFinType1	1423	6	Unf	430	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtFinSF1	1460.0	NaN	NaN	NaN	443.639726	456.098091	0.0	0.0	383.5	712.25	5644.0
	BsmtFinType2	1422	6	Unf	1256	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	BsmtFinSF2	1460.0	NaN	NaN	NaN	46.549315	161.319273	0.0	0.0	0.0	0.0	1474.0
	BsmtUnfSF	1460.0	NaN	NaN	NaN	567.240411	441.866955	0.0	223.0	477.5	808.0	2336.0
	TotalBsmtSF	1460.0	NaN	NaN	NaN	1057.429452	438.705324	0.0	795.75	991.5	1298.25	6110.0
	Heating	1460	6	GasA	1428	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	HeatingQC	1460	5	Ex	741	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	CentralAir	1460	2	Y	1365	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	Electrical	1459	5	SBrkr	1334	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	1stFlrSF	1460.0	NaN	NaN	NaN	1162.626712	386.587738	334.0	882.0	1087.0	1391.25	4692.0
	2ndFlrSF	1460.0	NaN	NaN	NaN	346.992466	436.528436	0.0	0.0	0.0	728.0	2065.0
	LowQualFinSF	1460.0	NaN	NaN	NaN	5.844521	48.623081	0.0	0.0	0.0	0.0	572.0

GrLivArea	1460.0	NaN	NaN	NaN	1515.463699	525.480383	334.0	1129.5	1464.0	1776.75	5642.0
BsmtFullBath	1460.0	NaN	NaN	NaN	0.425342	0.518911	0.0	0.0	0.0	1.0	3.0
BsmtHalfBath	1460.0	NaN	NaN	NaN	0.057534	0.238753	0.0	0.0	0.0	0.0	2.0
FullBath	1460.0	NaN	NaN	NaN	1.565068	0.550916	0.0	1.0	2.0	2.0	3.0
HalfBath	1460.0	NaN	NaN	NaN	0.382877	0.502885	0.0	0.0	0.0	1.0	2.0
BedroomAbvGr	1460.0	NaN	NaN	NaN	2.866438	0.815778	0.0	2.0	3.0	3.0	8.0
KitchenAbvGr	1460.0	NaN	NaN	NaN	1.046575	0.220338	0.0	1.0	1.0	1.0	3.0
KitchenQual	1460	4	TA	735	NaN	NaN	NaN	NaN	NaN	NaN	NaN
TotRmsAbvGrd	1460.0	NaN	NaN	NaN	6.517808	1.625393	2.0	5.0	6.0	7.0	14.0
Functional	1460	7	Typ	1360	NaN	NaN	NaN	NaN	NaN	NaN	NaN
Fireplaces	1460.0	NaN	NaN	NaN	0.613014	0.644666	0.0	0.0	1.0	1.0	3.0
FireplaceQu	770	5	Gd	380	NaN	NaN	NaN	NaN	NaN	NaN	NaN
GarageType	1379	6	Attchd	870	NaN	NaN	NaN	NaN	NaN	NaN	NaN
GarageYrBlt	1379.0	NaN	NaN	NaN	1978.506164	24.689725	1900.0	1961.0	1980.0	2002.0	2010.0
GarageFinish	1379	3	Unf	605	NaN	NaN	NaN	NaN	NaN	NaN	NaN
GarageCars	1460.0	NaN	NaN	NaN	1.767123	0.747315	0.0	1.0	2.0	2.0	4.0
GarageArea	1460.0	NaN	NaN	NaN	472.980137	213.804841	0.0	334.5	480.0	576.0	1418.0
GarageQual	1379	5	TA	1311	NaN	NaN	NaN	NaN	NaN	NaN	NaN
GarageCond	1379	5	TA	1326	NaN	NaN	NaN	NaN	NaN	NaN	NaN
PavedDrive	1460	3	Y	1340	NaN	NaN	NaN	NaN	NaN	NaN	NaN
WoodDeckSF	1460.0	NaN	NaN	NaN	94.244521	125.338794	0.0	0.0	0.0	168.0	857.0
OpenPorchSF	1460.0	NaN	NaN	NaN	46.660274	66.256028	0.0	0.0	25.0	68.0	547.0
EnclosedPorch	1460.0	NaN	NaN	NaN	21.95411	61.119149	0.0	0.0	0.0	0.0	552.0
3SsnPorch	1460.0	NaN	NaN	NaN	3.409589	29.317331	0.0	0.0	0.0	0.0	508.0
ScreenPorch	1460.0	NaN	NaN	NaN	15.060959	55.757415	0.0	0.0	0.0	0.0	480.0
PoolArea	1460.0	NaN	NaN	NaN	2.758904	40.177307	0.0	0.0	0.0	0.0	738.0
PoolQC	7	3	Gd	3	NaN	NaN	NaN	NaN	NaN	NaN	NaN
Fence	281	4	MnPrv	157	NaN	NaN	NaN	NaN	NaN	NaN	NaN
MiscFeature	54	4	Shed	49	NaN	NaN	NaN	NaN	NaN	NaN	NaN
MiscVal	1460.0	NaN	NaN	NaN	43.489041	496.123024	0.0	0.0	0.0	0.0	15500.0
MoSold	1460.0	NaN	NaN	NaN	6.321918	2.703626	1.0	5.0	6.0	8.0	12.0
YrSold	1460.0	NaN	NaN	NaN	2007.815753	1.328095	2006.0	2007.0	2008.0	2009.0	2010.0
SaleType	1460	9	WD	1267	NaN	NaN	NaN	NaN	NaN	NaN	NaN
SaleCondition	1460	6	Normal	1198	NaN	NaN	NaN	NaN	NaN	NaN	NaN
SalePrice	1460.0	NaN	NaN	NaN	180921.19589	79442.502883	34900.0	129975.0	163000.0	214000.0	755000.0

4. Drop NaN columns(>40%)

```
In [7]: for col in df.columns:
    print(f'the percentage of null values of {col} is {round((df[col].isnull().sum()/df.shape[0])*100),2}%)'
```

the percentage of null values of Id is 0.0%
the percentage of null values of MSSubClass is 0.0%
the percentage of null values of MSZoning is 0.0%
the percentage of null values of LotFrontage is 17.74%
the percentage of null values of LotArea is 0.0%
the percentage of null values of Street is 0.0%
the percentage of null values of Alley is 93.77%
the percentage of null values of LotShape is 0.0%
the percentage of null values of LandContour is 0.0%
the percentage of null values of Utilities is 0.0%
the percentage of null values of LotConfig is 0.0%
the percentage of null values of LandSlope is 0.0%
the percentage of null values of Neighborhood is 0.0%
the percentage of null values of Condition1 is 0.0%
the percentage of null values of Condition2 is 0.0%
the percentage of null values of BldgType is 0.0%
the percentage of null values of HouseStyle is 0.0%
the percentage of null values of OverallQual is 0.0%
the percentage of null values of OverallCond is 0.0%
the percentage of null values of YearBuilt is 0.0%
the percentage of null values of YearRemodAdd is 0.0%
the percentage of null values of RoofStyle is 0.0%
the percentage of null values of RoofMatl is 0.0%
the percentage of null values of Exterior1st is 0.0%
the percentage of null values of Exterior2nd is 0.0%
the percentage of null values of MasVnrType is 0.55%
the percentage of null values of MasVnrArea is 0.55%
the percentage of null values of ExterQual is 0.0%
the percentage of null values of ExterCond is 0.0%
the percentage of null values of Foundation is 0.0%
the percentage of null values of BsmtQual is 2.53%
the percentage of null values of BsmtCond is 2.53%
the percentage of null values of BsmtExposure is 2.6%
the percentage of null values of BsmtFinType1 is 2.53%
the percentage of null values of BsmtFinSF1 is 0.0%
the percentage of null values of BsmtFinType2 is 2.6%
the percentage of null values of BsmtFinSF2 is 0.0%
the percentage of null values of BsmtUnfSF is 0.0%
the percentage of null values of TotalBsmtSF is 0.0%
the percentage of null values of Heating is 0.0%
the percentage of null values of HeatingQC is 0.0%
the percentage of null values of CentralAir is 0.0%
the percentage of null values of Electrical is 0.07%
the percentage of null values of 1stFlrSF is 0.0%
the percentage of null values of 2ndFlrSF is 0.0%
the percentage of null values of LowQualFinSF is 0.0%
the percentage of null values of GrLivArea is 0.0%
the percentage of null values of BsmtFullBath is 0.0%
the percentage of null values of BsmtHalfBath is 0.0%
the percentage of null values of FullBath is 0.0%
the percentage of null values of HalfBath is 0.0%
the percentage of null values of BedroomAbvGr is 0.0%
the percentage of null values of KitchenAbvGr is 0.0%
the percentage of null values of KitchenQual is 0.0%
the percentage of null values of TotRmsAbvGrd is 0.0%
the percentage of null values of Functional is 0.0%
the percentage of null values of Fireplaces is 0.0%
the percentage of null values of FireplaceQu is 47.26%
the percentage of null values of GarageType is 5.55%
the percentage of null values of GarageYrBlt is 5.55%
the percentage of null values of GarageFinish is 5.55%
the percentage of null values of GarageCars is 0.0%
the percentage of null values of GarageArea is 0.0%
the percentage of null values of GarageQual is 5.55%
the percentage of null values of GarageCond is 5.55%
the percentage of null values of PavedDrive is 0.0%
the percentage of null values of WoodDeckSF is 0.0%
the percentage of null values of OpenPorchSF is 0.0%
the percentage of null values of EnclosedPorch is 0.0%
the percentage of null values of 3SsnPorch is 0.0%
the percentage of null values of ScreenPorch is 0.0%
the percentage of null values of PoolArea is 0.0%
the percentage of null values of PoolQC is 99.52%
the percentage of null values of Fence is 80.75%
the percentage of null values of MiscFeature is 96.3%
the percentage of null values of MiscVal is 0.0%
the percentage of null values of MoSold is 0.0%
the percentage of null values of YrSold is 0.0%
the percentage of null values of SaleType is 0.0%
the percentage of null values of SaleCondition is 0.0%
the percentage of null values of SalePrice is 0.0%

In [8]: null_cols=[]

```
for col in df.columns:  
    if df[col].isnull().sum()>584: # 40% of total data i.e 1460 is 584  
        null_cols.append(col)
```

In [9]: null_cols

Out[9]: ['Alley', 'FireplaceQu', 'PoolQC', 'Fence', 'MiscFeature']

In [10]: df.drop(null_cols, axis='columns', inplace=True)

```
In [11]: for col in df.columns:  
    print(f'the percentage of null values of {col} is {round((df[col].isnull().sum()/df.shape[0])*100),2}%)')
```

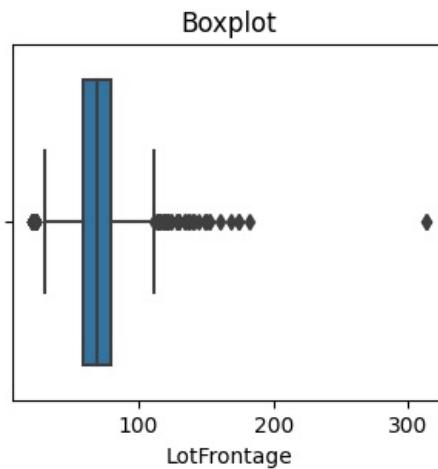
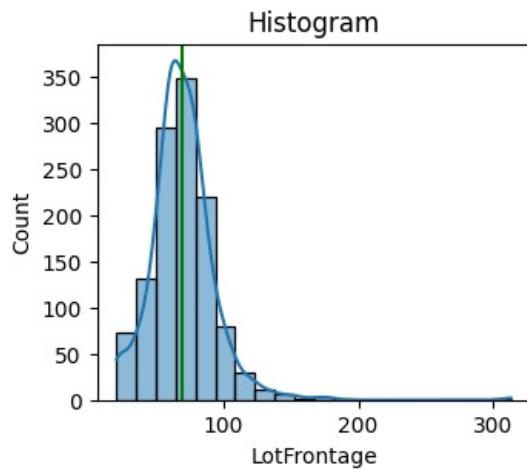
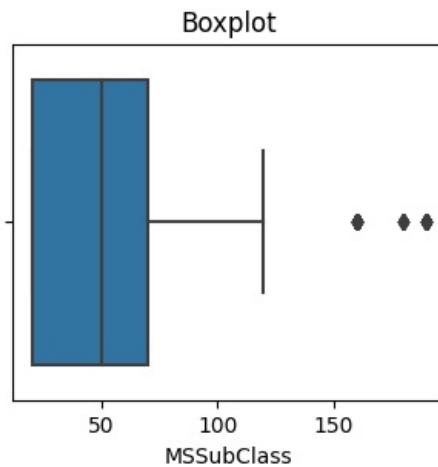
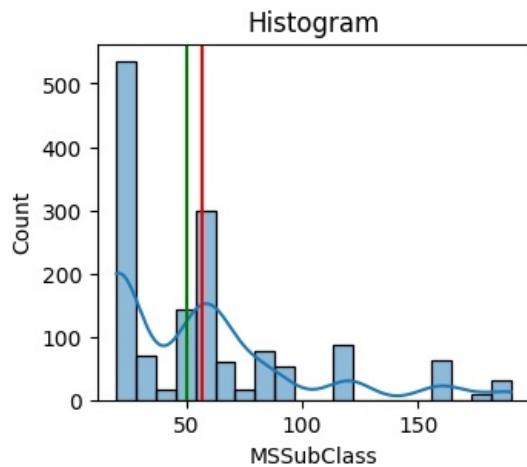
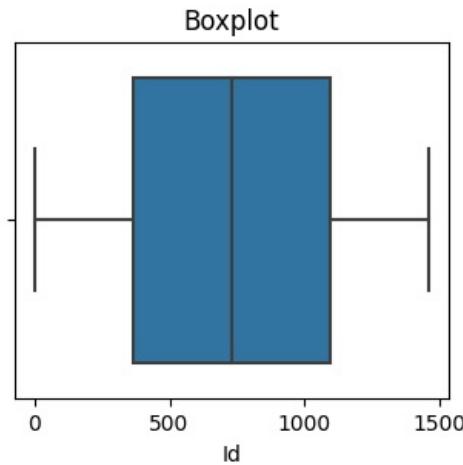
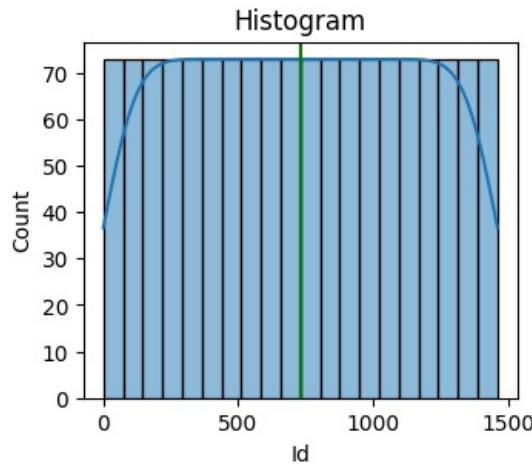
the percentage of null values of Id is 0.0%
the percentage of null values of MSSubClass is 0.0%
the percentage of null values of MSZoning is 0.0%
the percentage of null values of LotFrontage is 17.74%
the percentage of null values of LotArea is 0.0%
the percentage of null values of Street is 0.0%
the percentage of null values of LotShape is 0.0%
the percentage of null values of LandContour is 0.0%
the percentage of null values of Utilities is 0.0%
the percentage of null values of LotConfig is 0.0%
the percentage of null values of LandSlope is 0.0%
the percentage of null values of Neighborhood is 0.0%
the percentage of null values of Condition1 is 0.0%
the percentage of null values of Condition2 is 0.0%
the percentage of null values of BldgType is 0.0%
the percentage of null values of HouseStyle is 0.0%
the percentage of null values of OverallQual is 0.0%
the percentage of null values of OverallCond is 0.0%
the percentage of null values of YearBuilt is 0.0%
the percentage of null values of YearRemodAdd is 0.0%
the percentage of null values of RoofStyle is 0.0%
the percentage of null values of RoofMatl is 0.0%
the percentage of null values of Exterior1st is 0.0%
the percentage of null values of Exterior2nd is 0.0%
the percentage of null values of MasVnrType is 0.55%
the percentage of null values of MasVnrArea is 0.55%
the percentage of null values of ExterQual is 0.0%
the percentage of null values of ExterCond is 0.0%
the percentage of null values of Foundation is 0.0%
the percentage of null values of BsmtQual is 2.53%
the percentage of null values of BsmtCond is 2.53%
the percentage of null values of BsmtExposure is 2.6%
the percentage of null values of BsmtFinType1 is 2.53%
the percentage of null values of BsmtFinSF1 is 0.0%
the percentage of null values of BsmtFinType2 is 2.6%
the percentage of null values of BsmtFinSF2 is 0.0%
the percentage of null values of BsmtUnfSF is 0.0%
the percentage of null values of TotalBsmtSF is 0.0%
the percentage of null values of Heating is 0.0%
the percentage of null values of HeatingQC is 0.0%
the percentage of null values of CentralAir is 0.0%
the percentage of null values of Electrical is 0.07%
the percentage of null values of 1stFlrSF is 0.0%
the percentage of null values of 2ndFlrSF is 0.0%
the percentage of null values of LowQualFinSF is 0.0%
the percentage of null values of GrLivArea is 0.0%
the percentage of null values of BsmtFullBath is 0.0%
the percentage of null values of BsmtHalfBath is 0.0%
the percentage of null values of FullBath is 0.0%
the percentage of null values of HalfBath is 0.0%
the percentage of null values of BedroomAbvGr is 0.0%
the percentage of null values of KitchenAbvGr is 0.0%
the percentage of null values of KitchenQual is 0.0%
the percentage of null values of TotRmsAbvGrd is 0.0%
the percentage of null values of Functional is 0.0%
the percentage of null values of Fireplaces is 0.0%
the percentage of null values of GarageType is 5.55%
the percentage of null values of GarageYrBlt is 5.55%
the percentage of null values of GarageFinish is 5.55%
the percentage of null values of GarageCars is 0.0%
the percentage of null values of GarageArea is 0.0%
the percentage of null values of GarageQual is 5.55%
the percentage of null values of GarageCond is 5.55%
the percentage of null values of PavedDrive is 0.0%
the percentage of null values of WoodDeckSF is 0.0%
the percentage of null values of OpenPorchSF is 0.0%
the percentage of null values of EnclosedPorch is 0.0%
the percentage of null values of 3SsnPorch is 0.0%
the percentage of null values of ScreenPorch is 0.0%
the percentage of null values of PoolArea is 0.0%
the percentage of null values of MiscVal is 0.0%
the percentage of null values of MoSold is 0.0%
the percentage of null values of YrSold is 0.0%
the percentage of null values of SaleType is 0.0%
the percentage of null values of SaleCondition is 0.0%
the percentage of null values of SalePrice is 0.0%

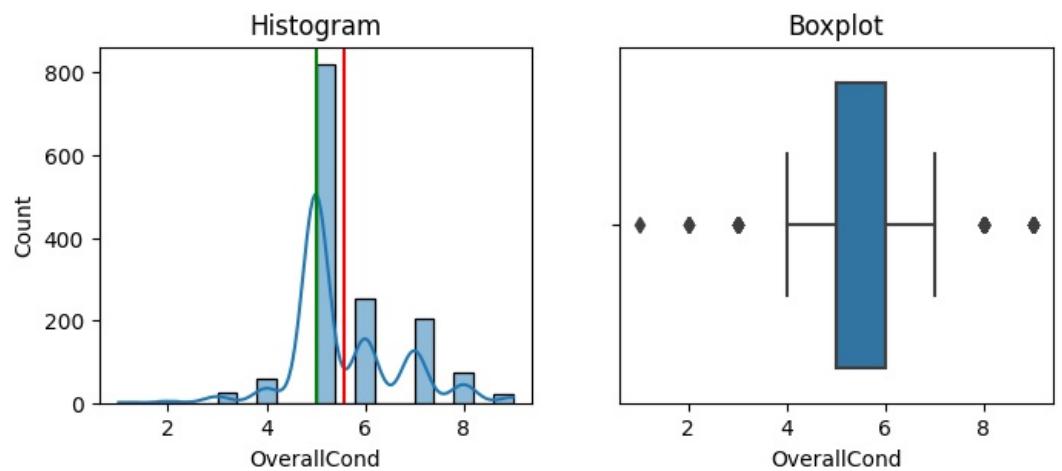
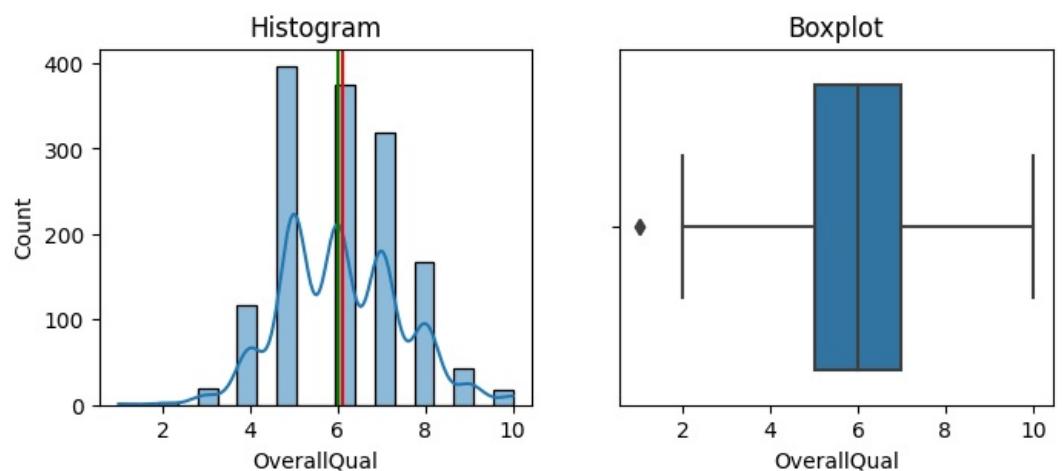
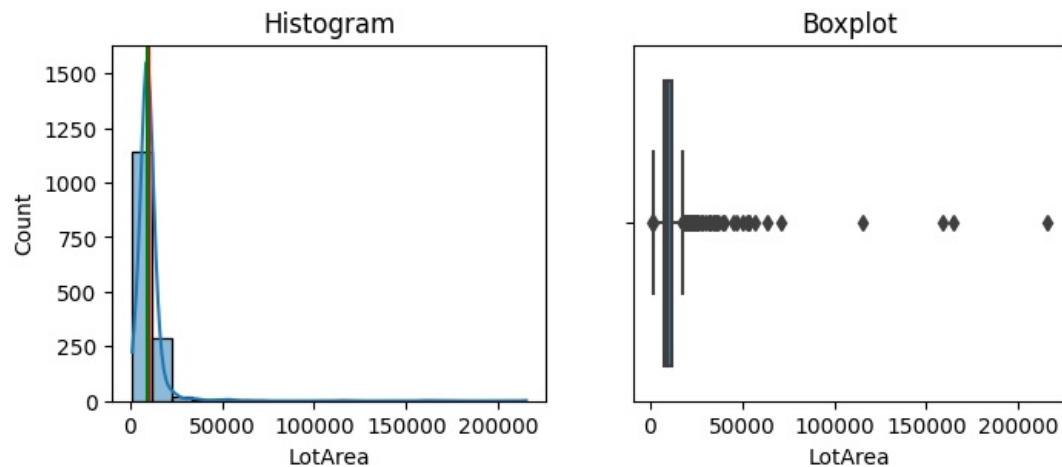
5. Data Visualization

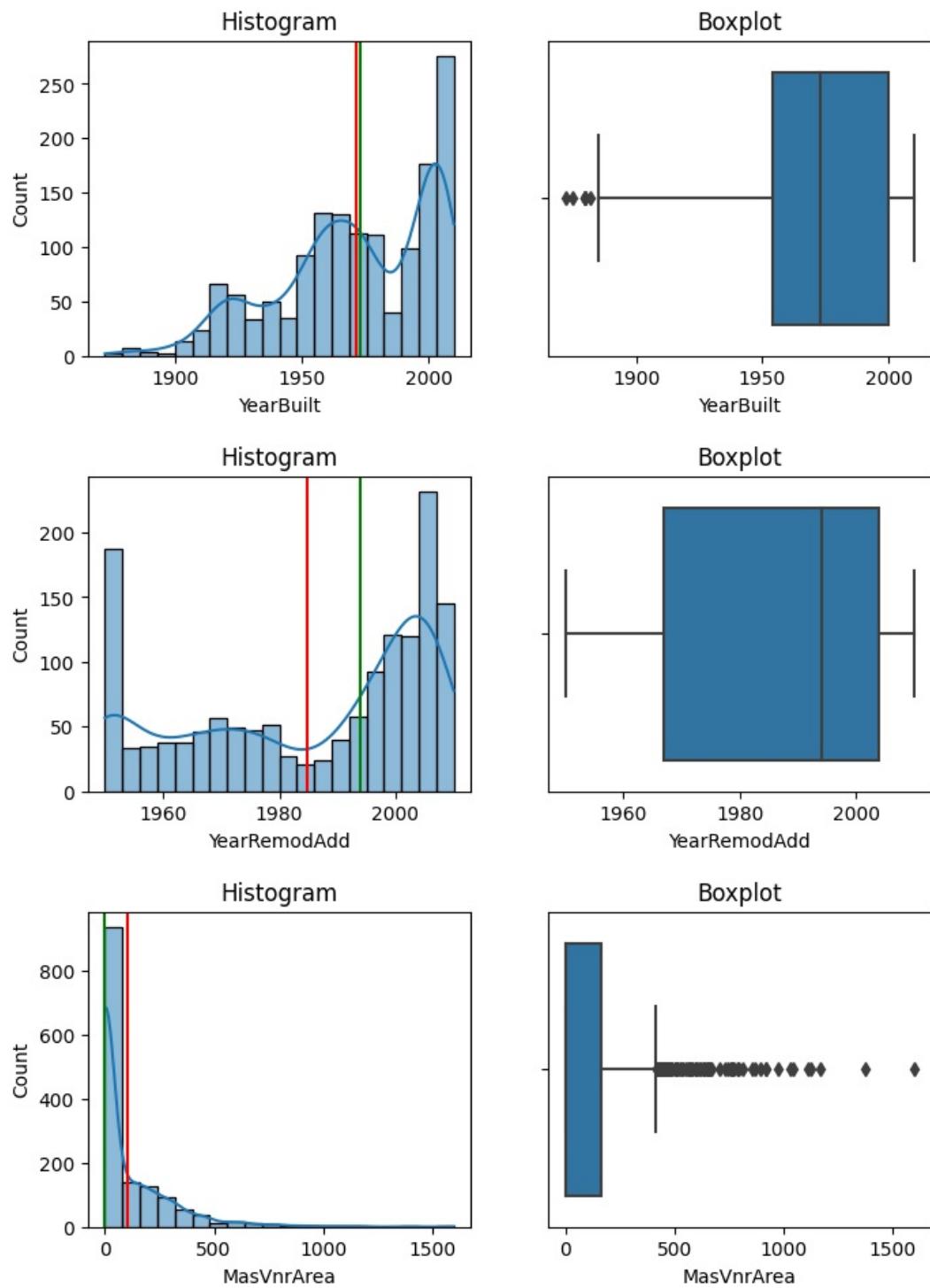
Univariate:

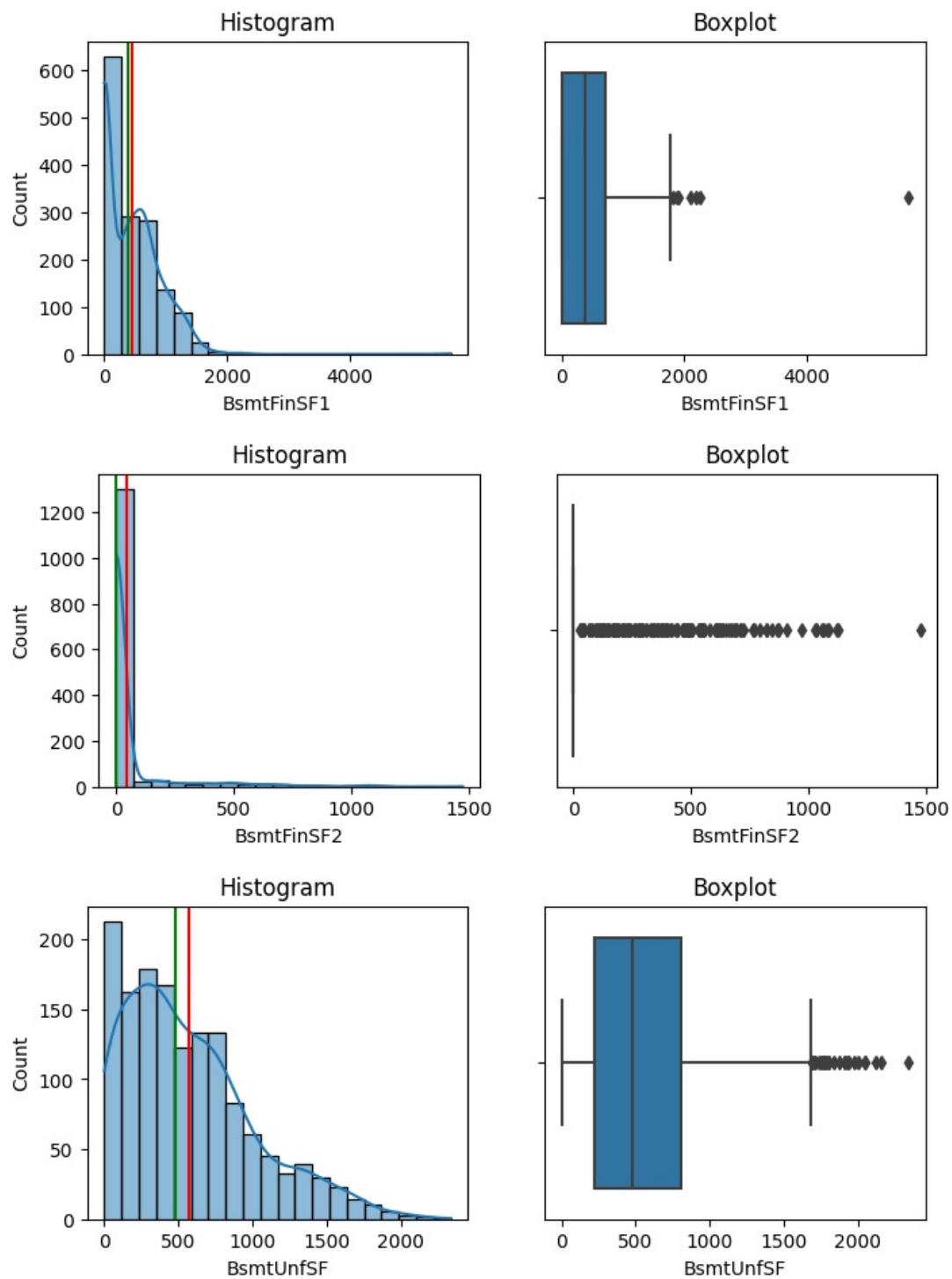
```
In [12]: def uniplot(col):
    plt.figure(figsize=(8,3))
    plt.subplot(1,2,1)
    sns.histplot(x=df[col],bins=20,kde=True)
    plt.axvline(x=df[col].mean(),ymin=0,ymax=1,color="red")
    plt.axvline(x=df[col].median(),ymin=0,ymax=1,color="green")
    plt.title("Histogram")
    plt.subplot(1,2,2)
    sns.boxplot(x=df[col])
    plt.title("Boxplot")
    plt.show()
```

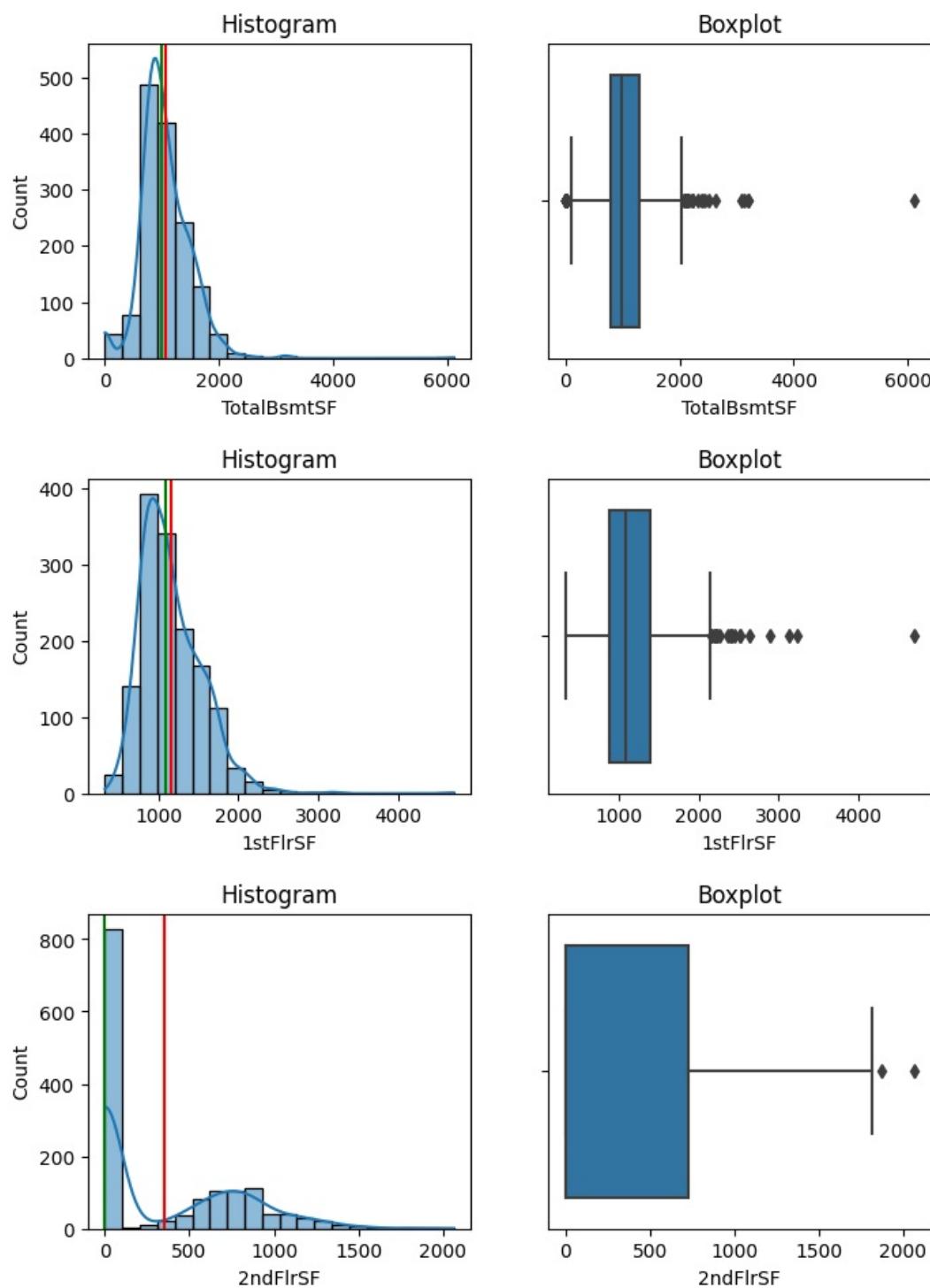
```
In [13]: for col in df.select_dtypes(exclude='object'):
    uniplot(col)
```

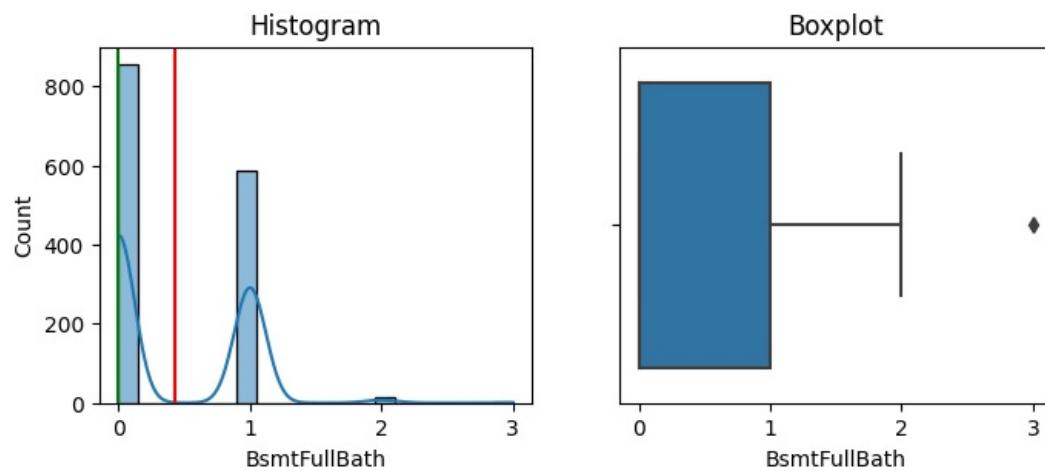
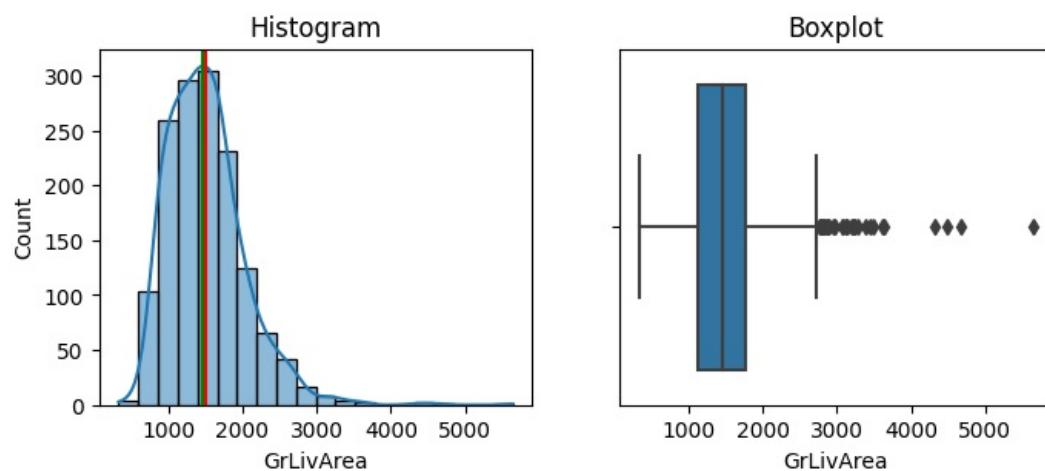
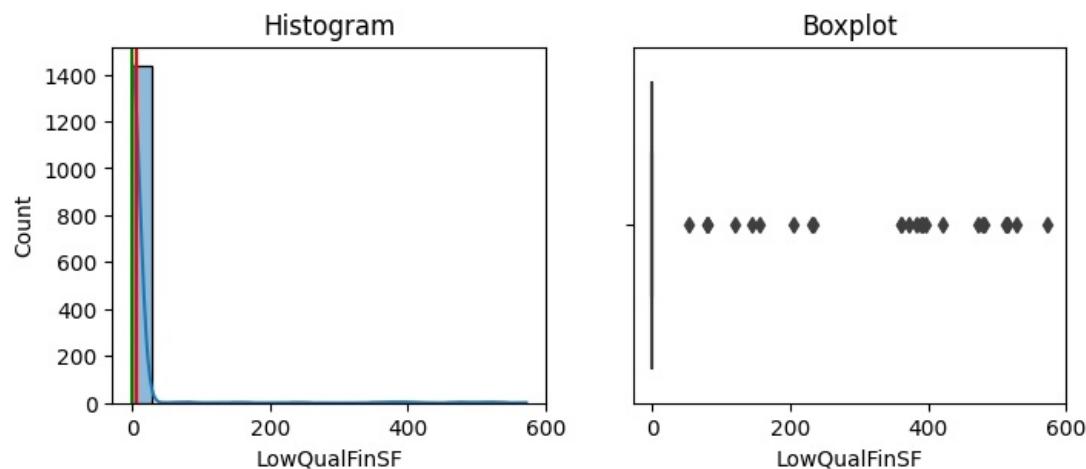


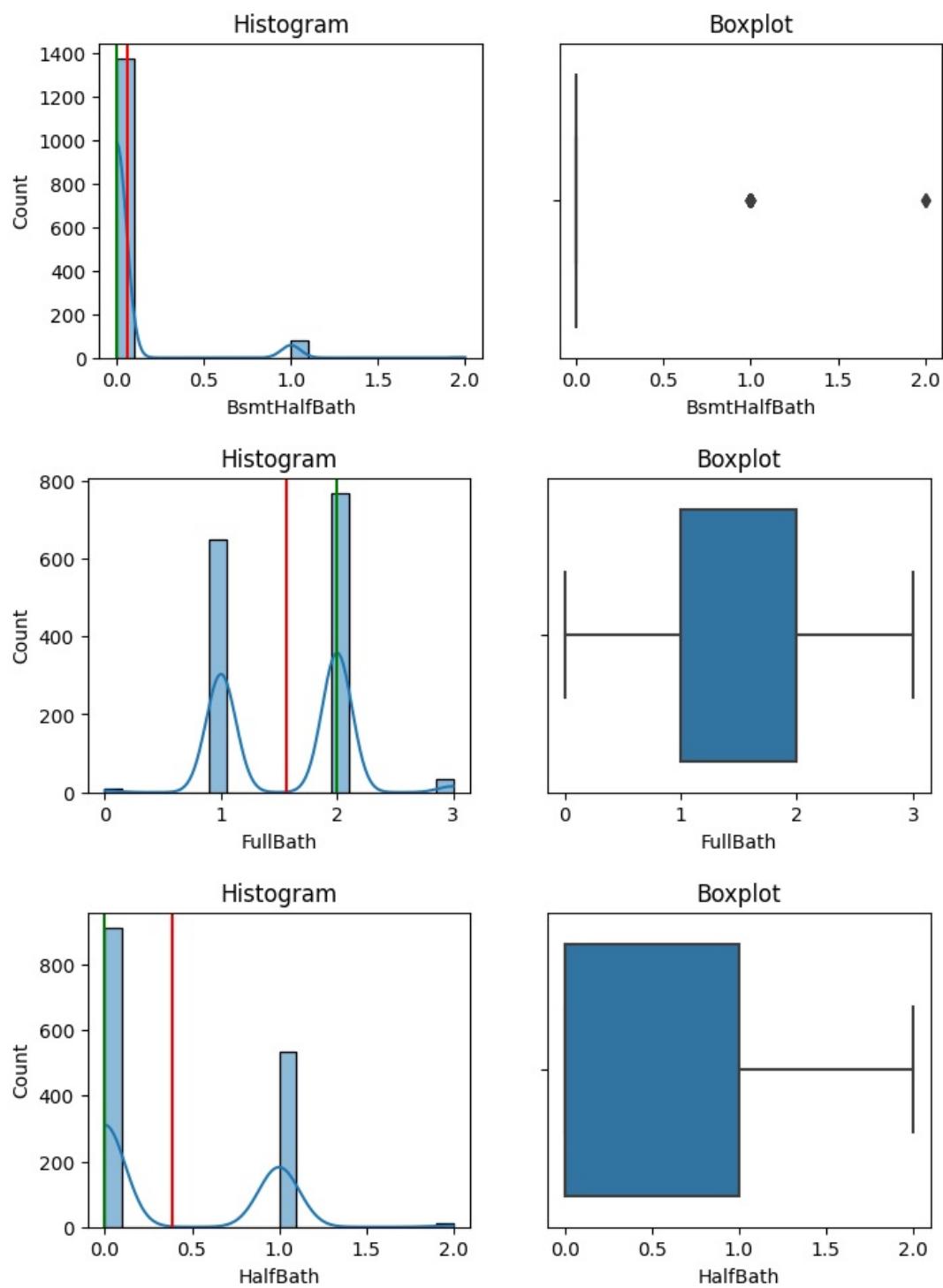


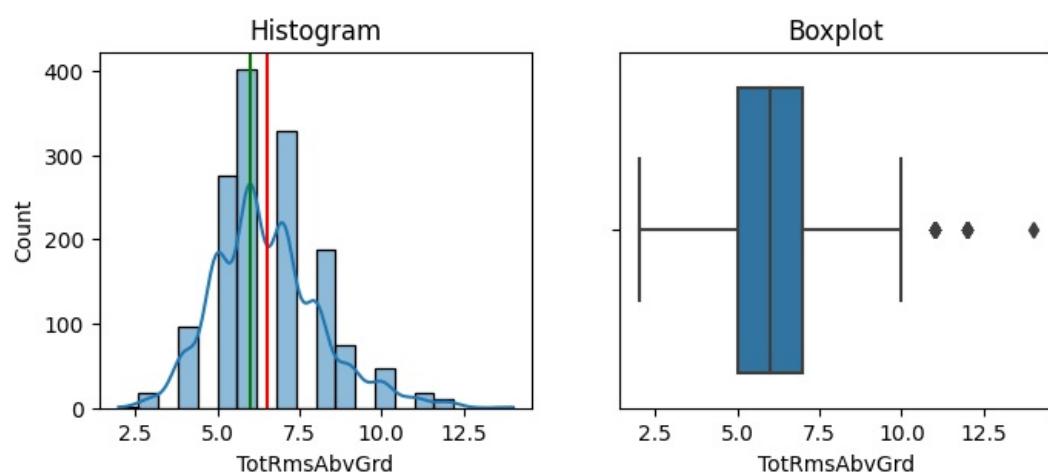
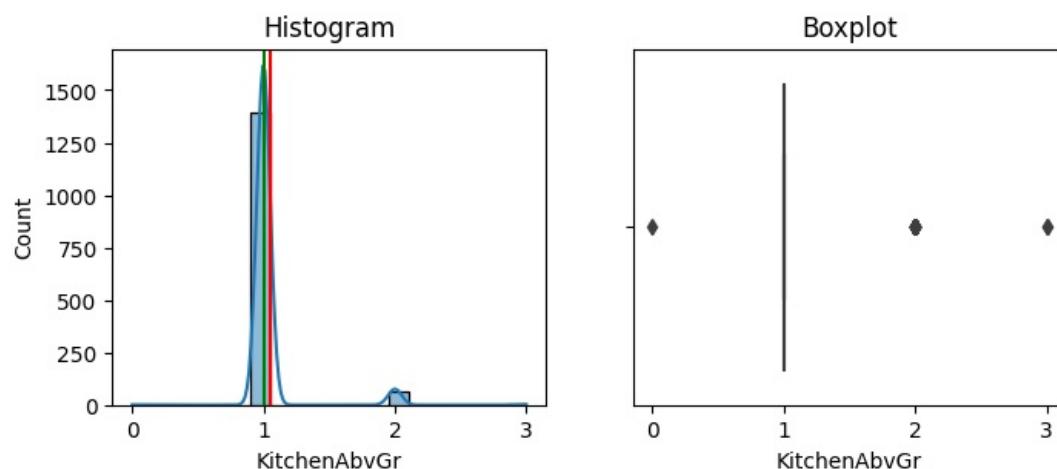
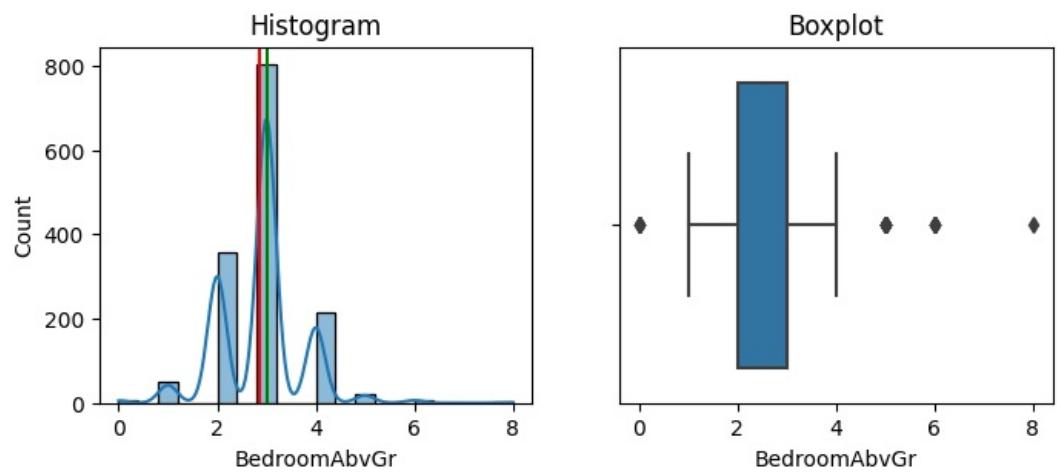


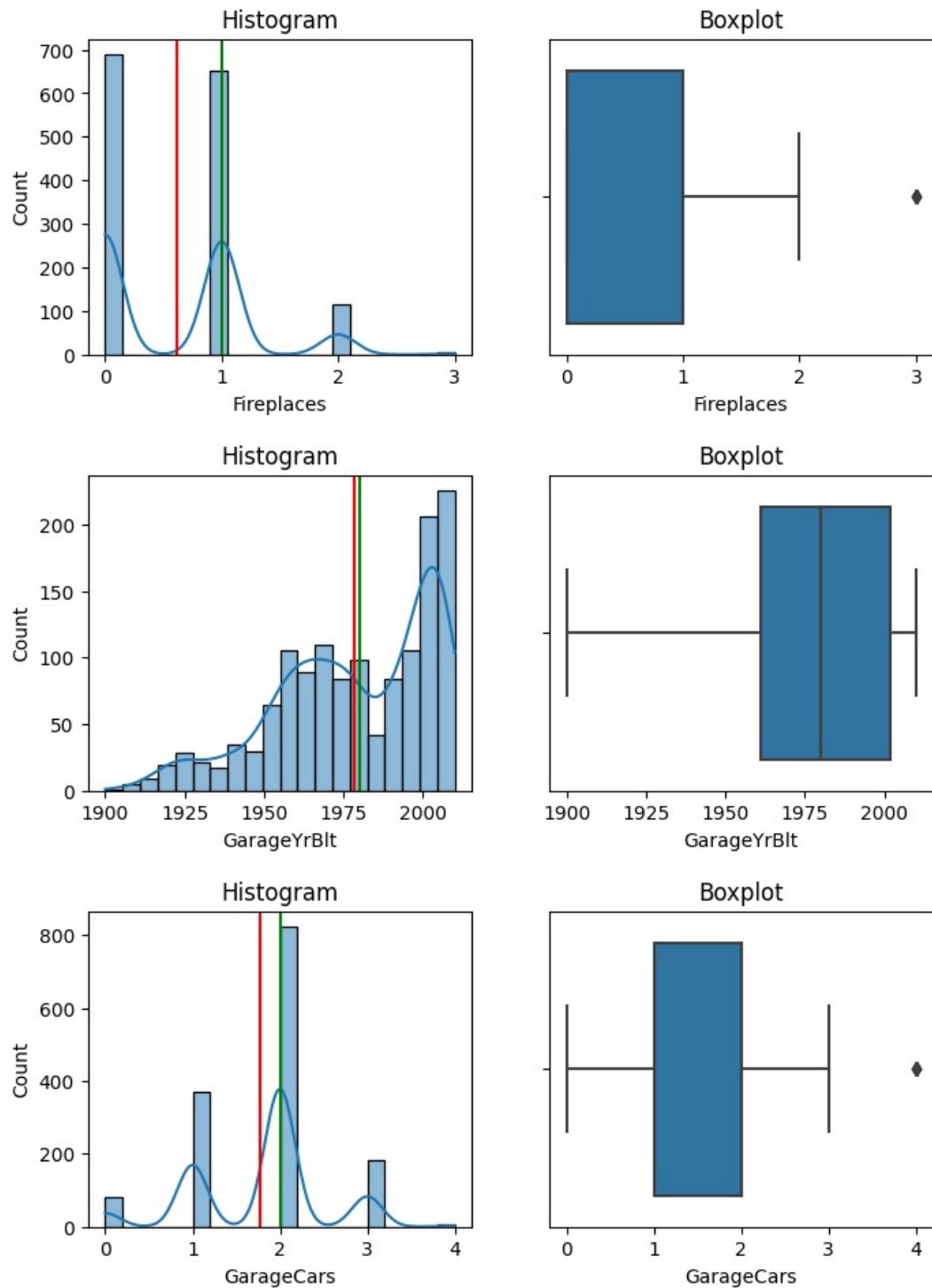


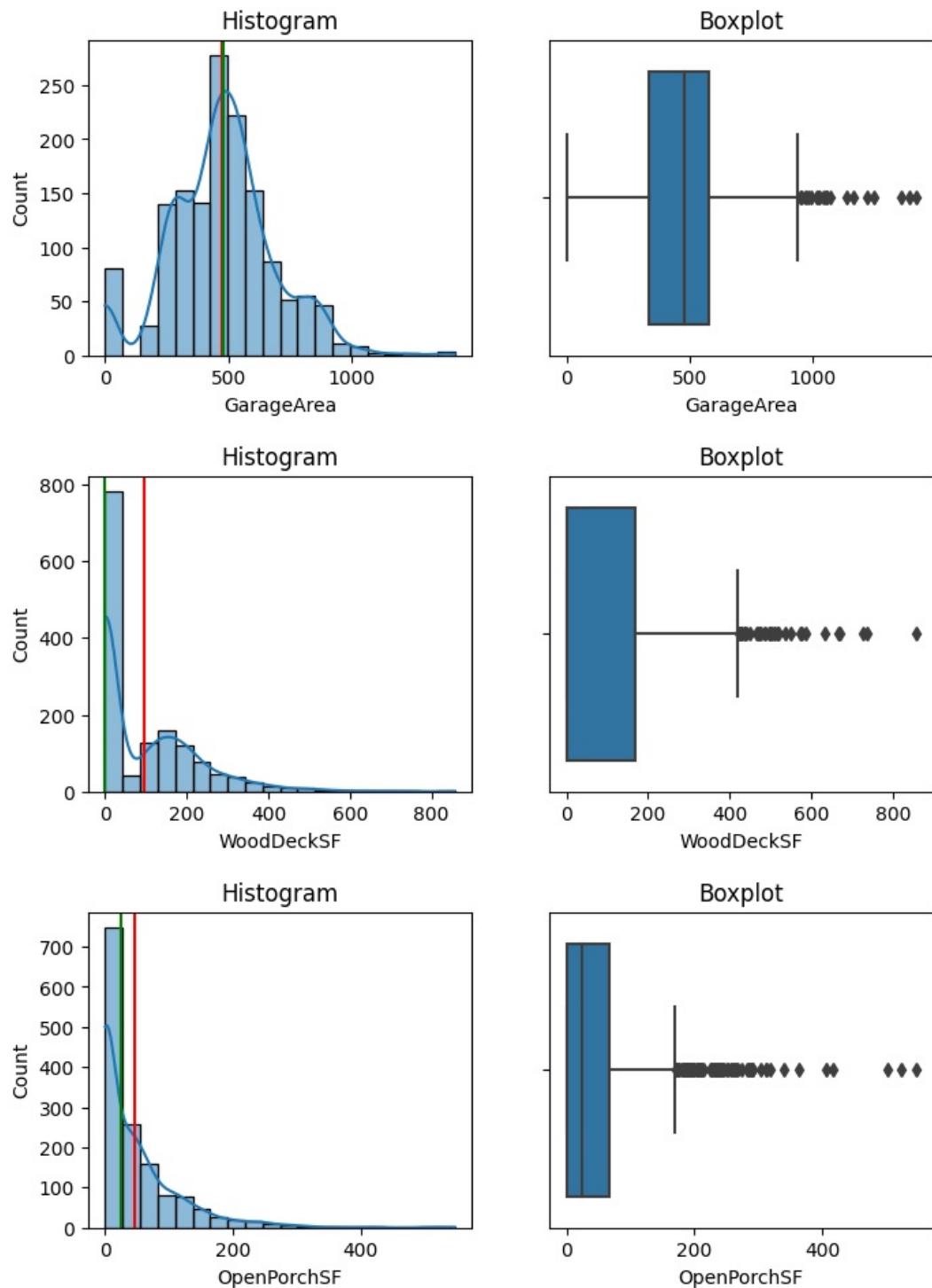


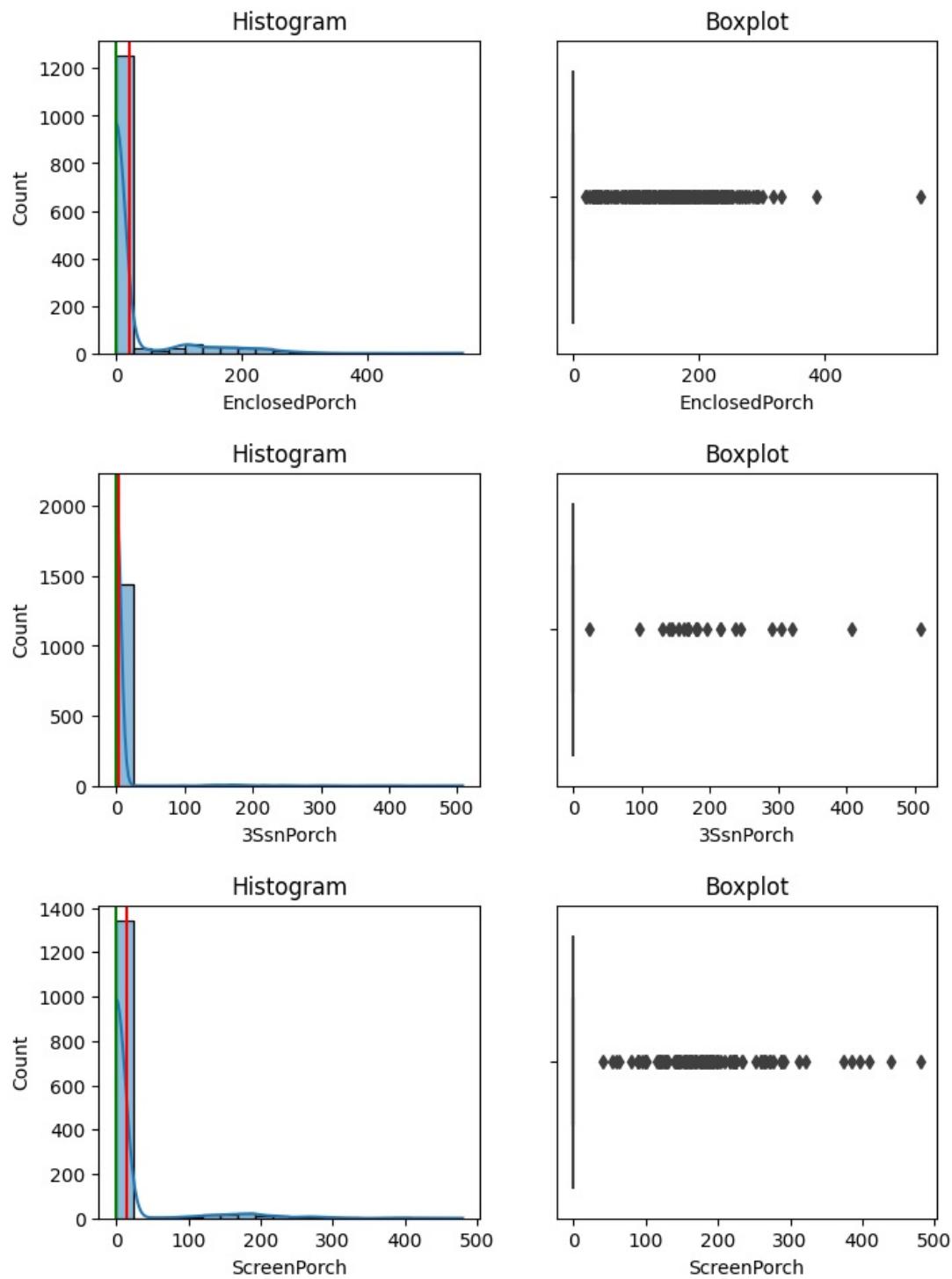


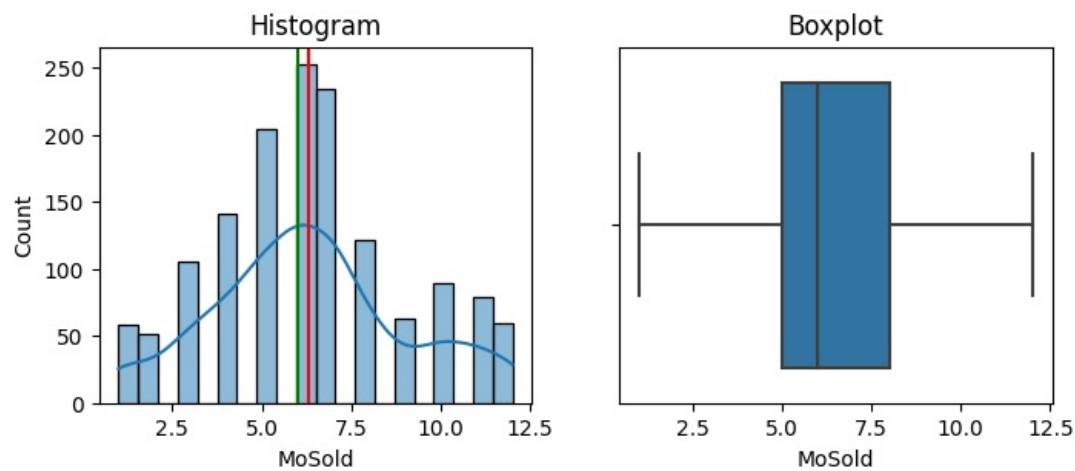
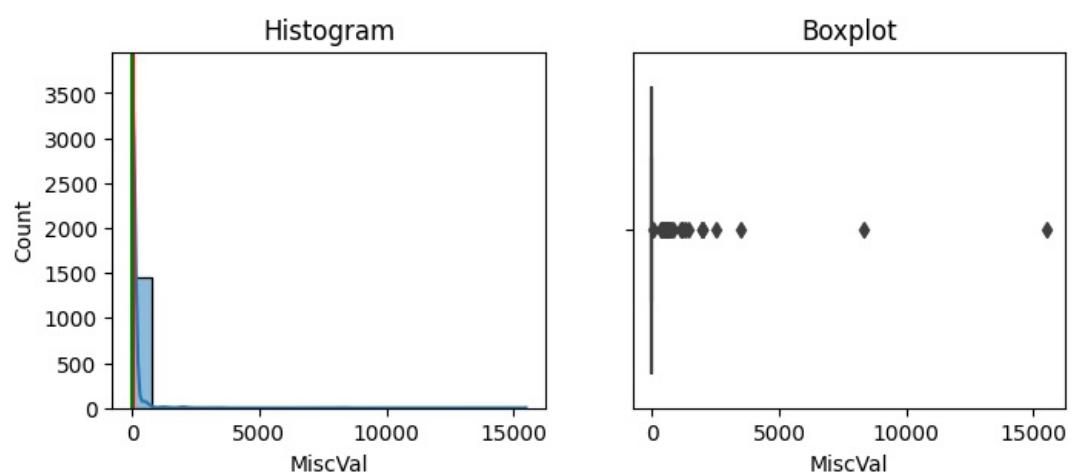
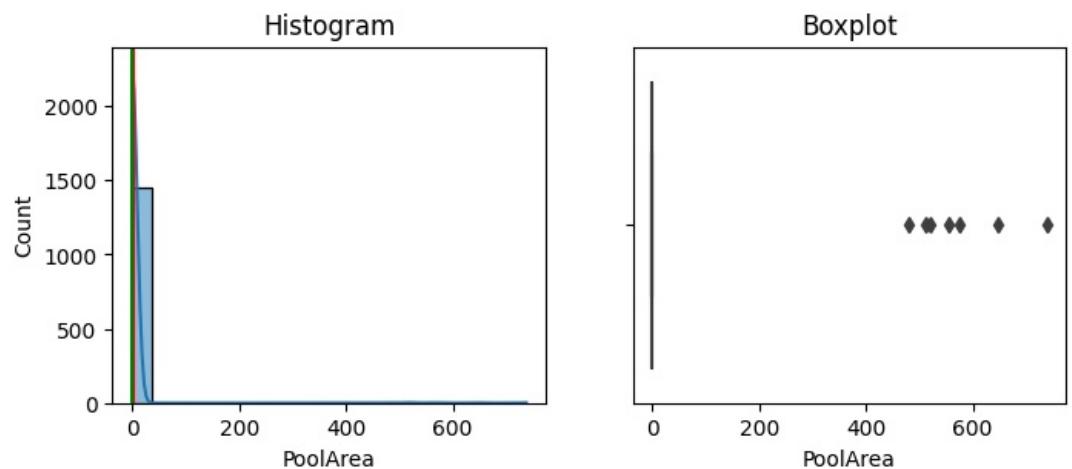


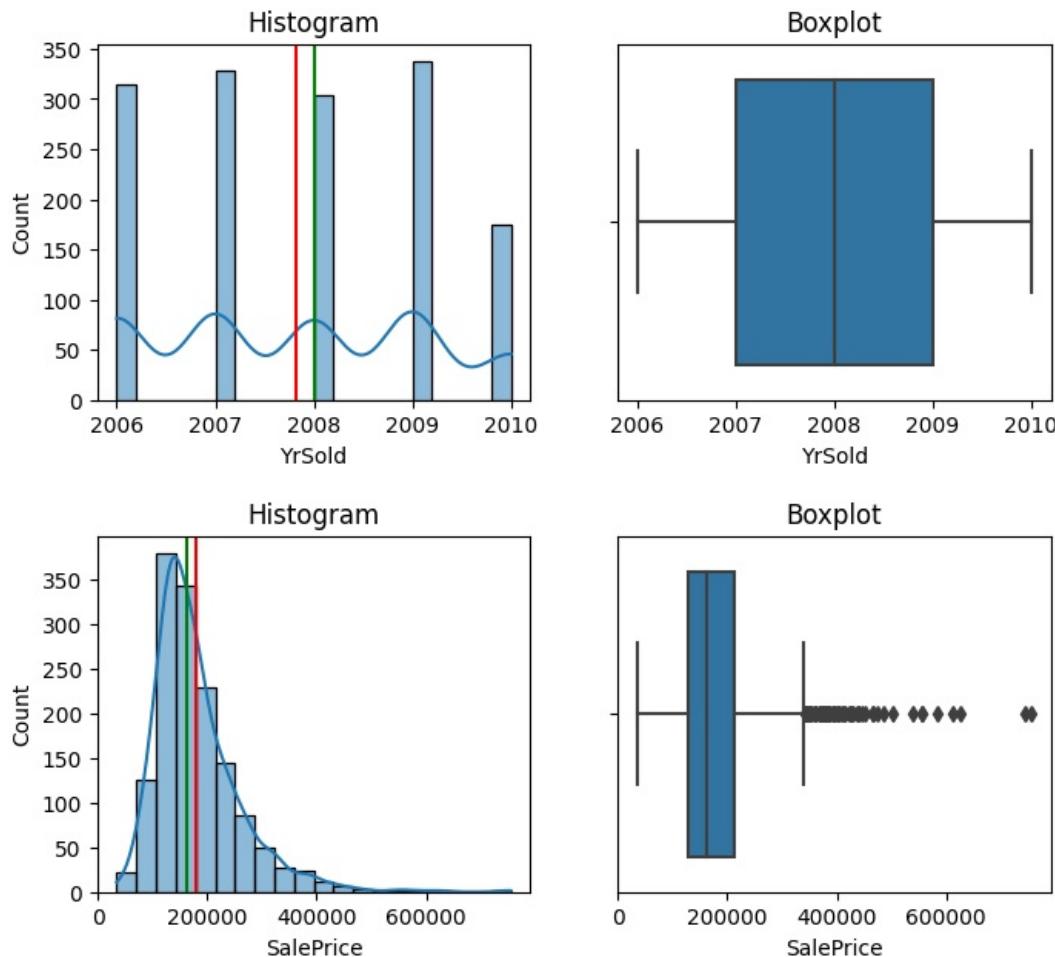






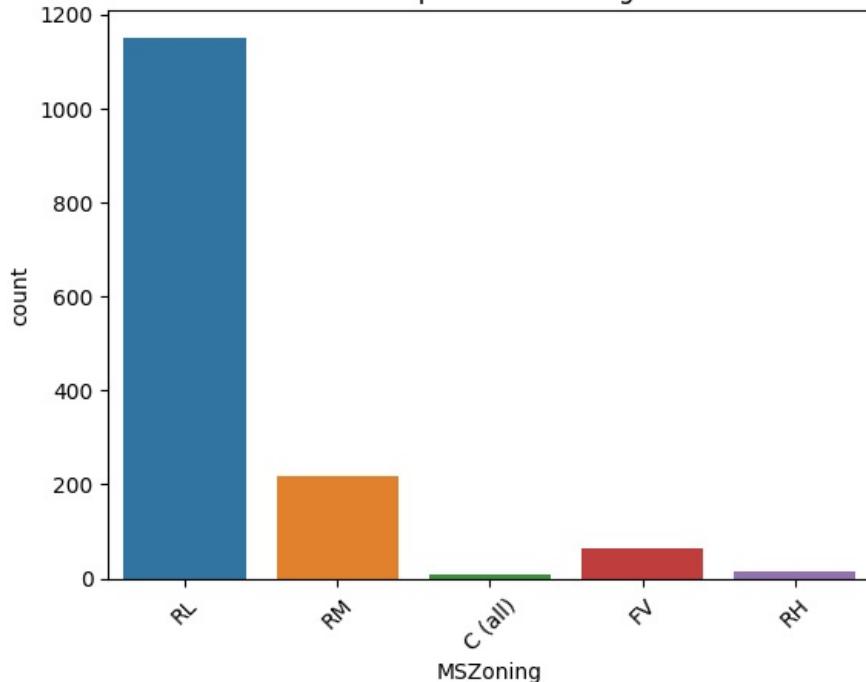




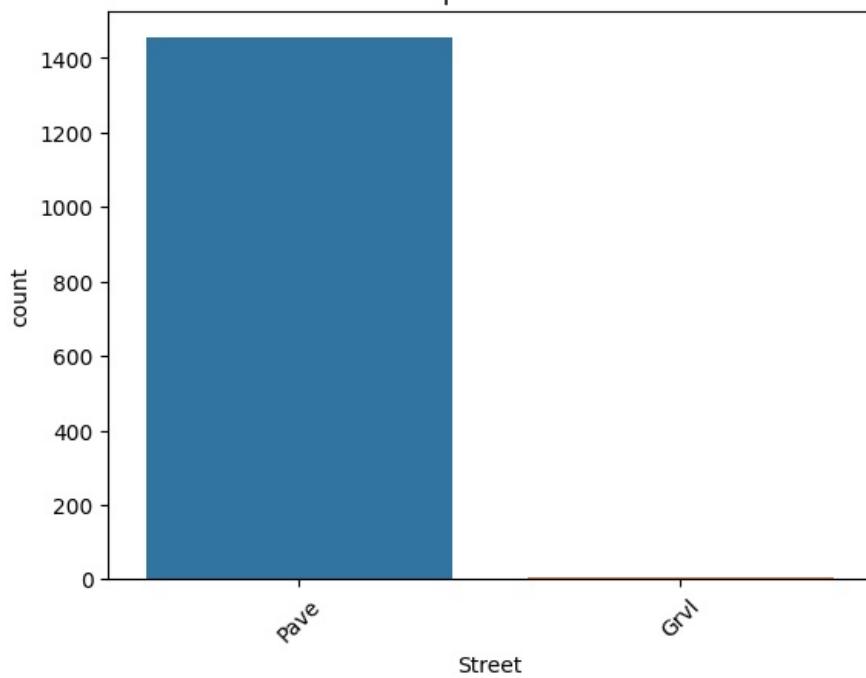


```
In [14]: for col in df.select_dtypes(include='object'):
    sns.countplot(x=df[col])
    plt.title(f'countplot of {col}')
    plt.xticks(rotation=45)
    plt.show()
```

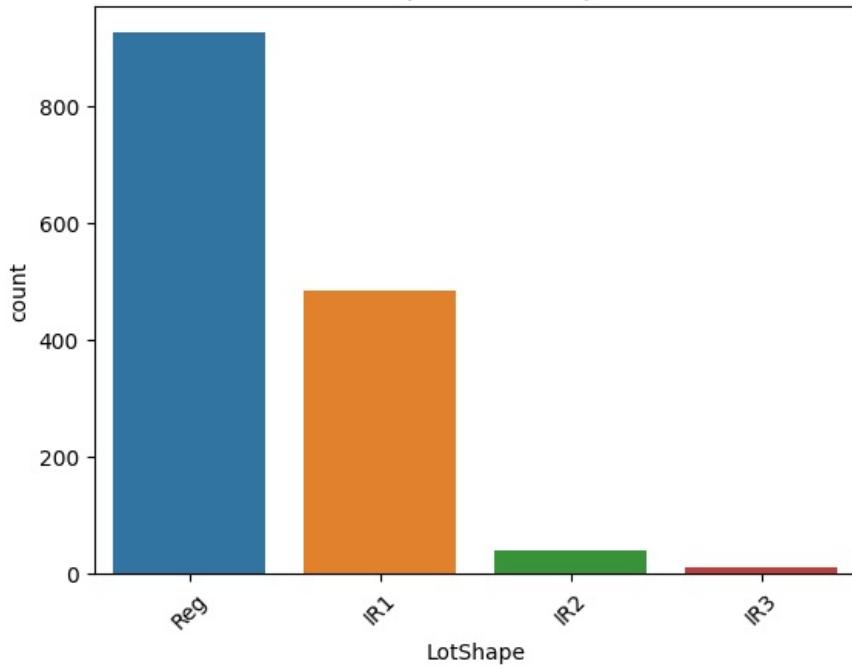
countplot of MSZoning



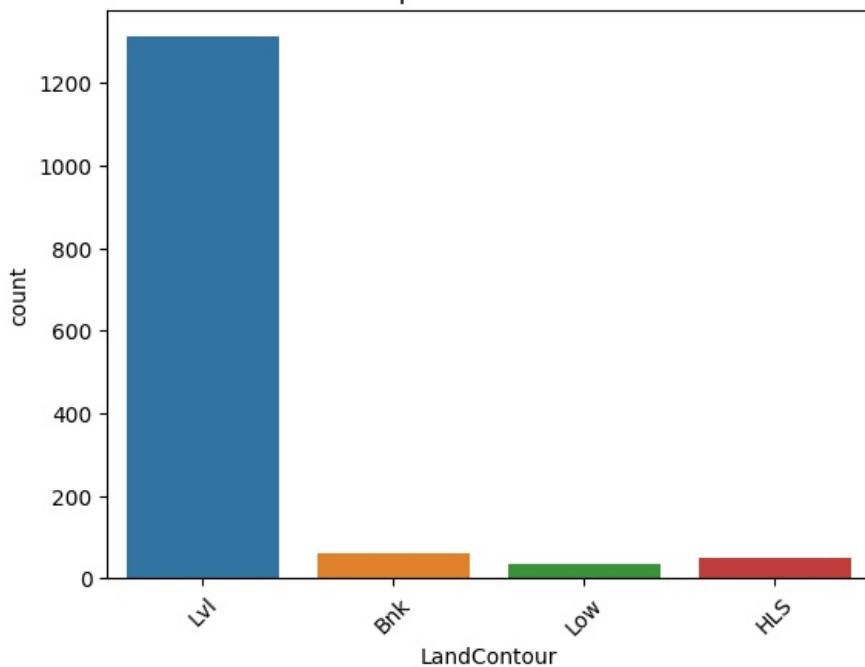
countplot of Street



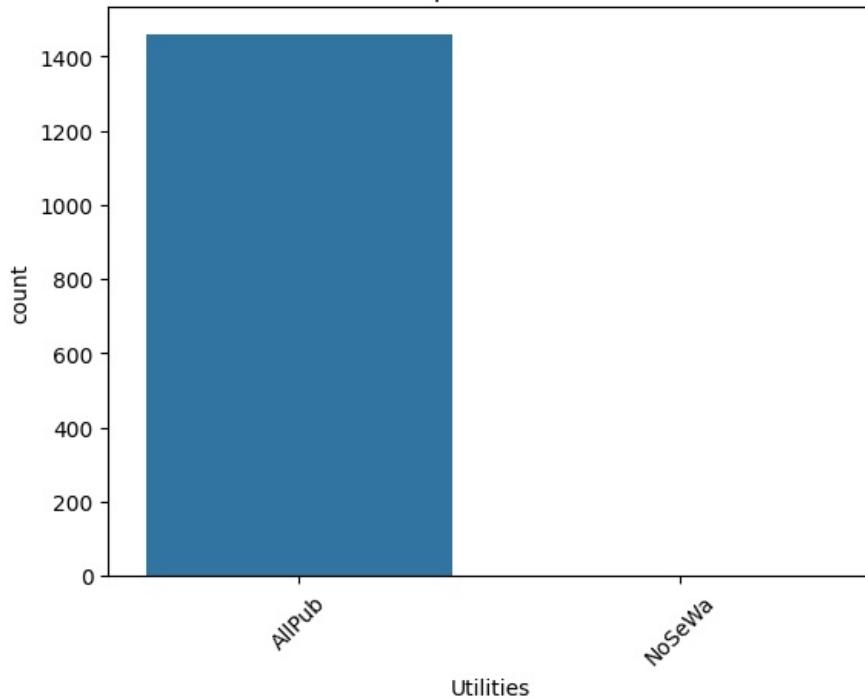
countplot of LotShape



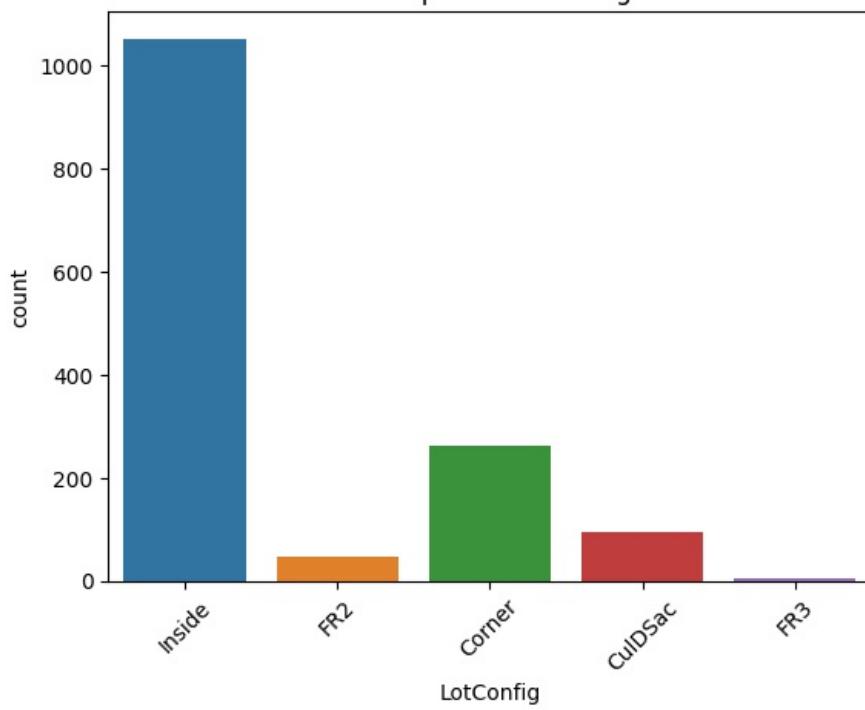
countplot of LandContour



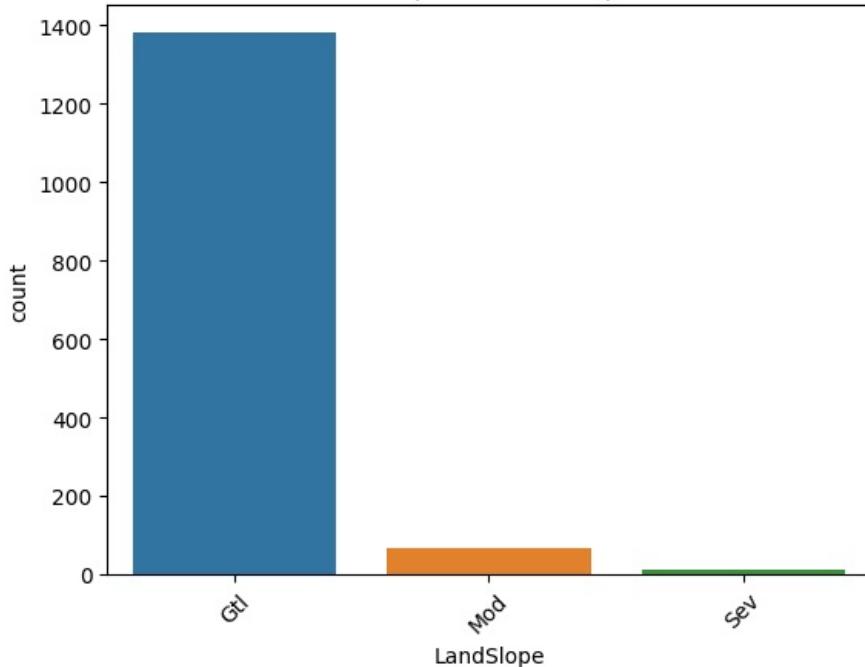
countplot of Utilities



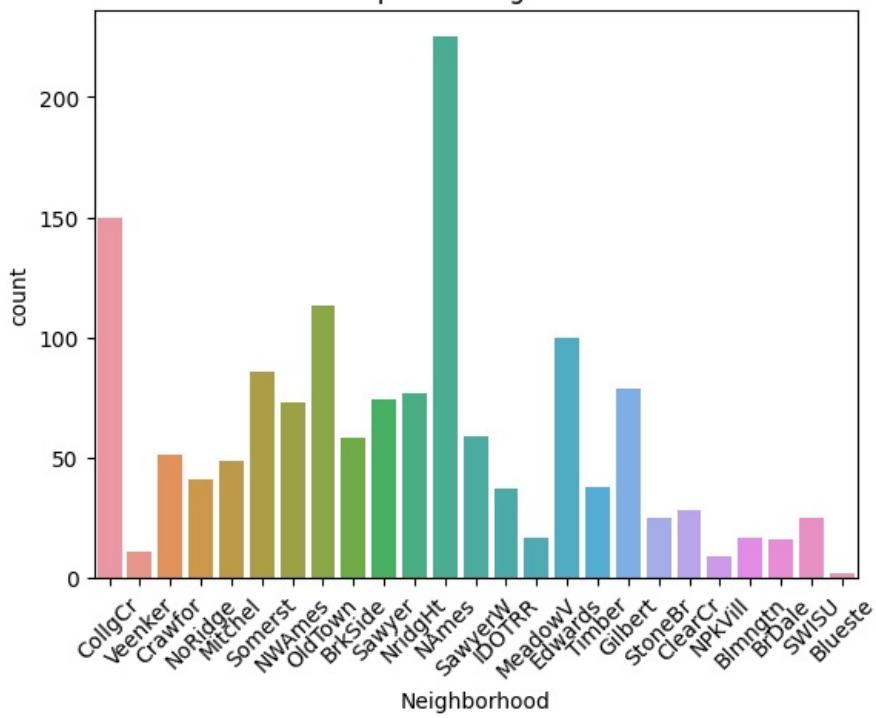
countplot of LotConfig



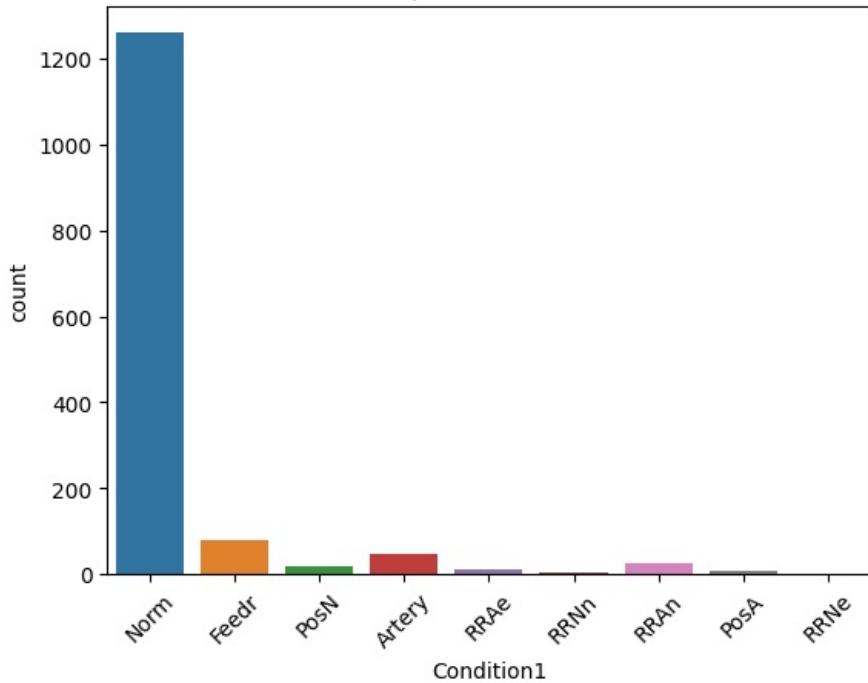
countplot of LandSlope



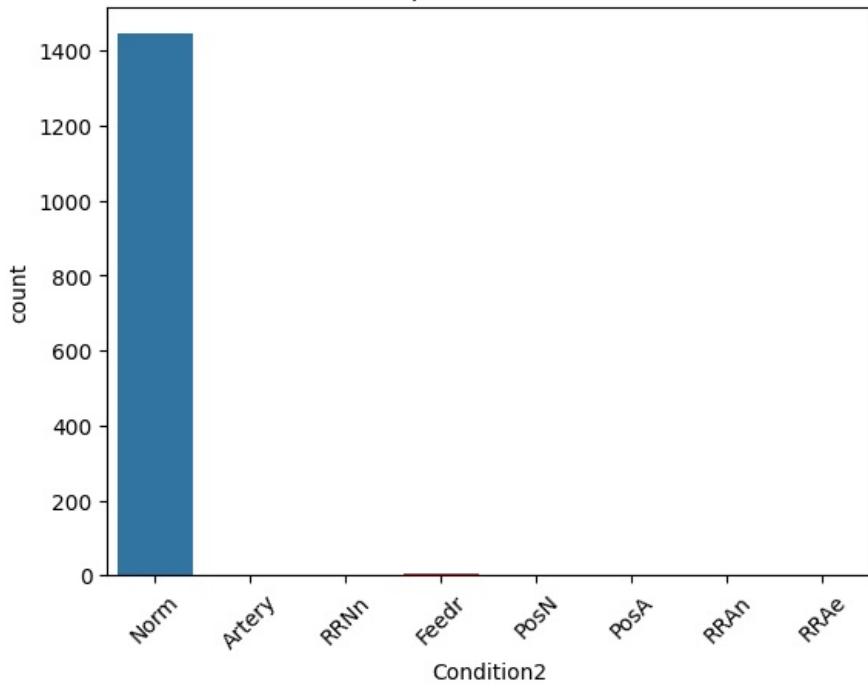
countplot of Neighborhood



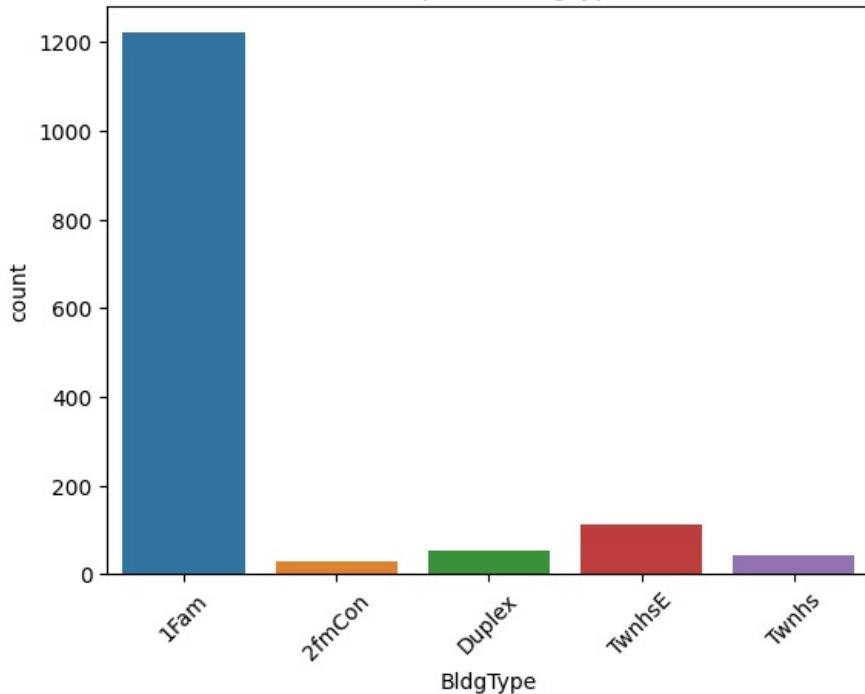
countplot of Condition1



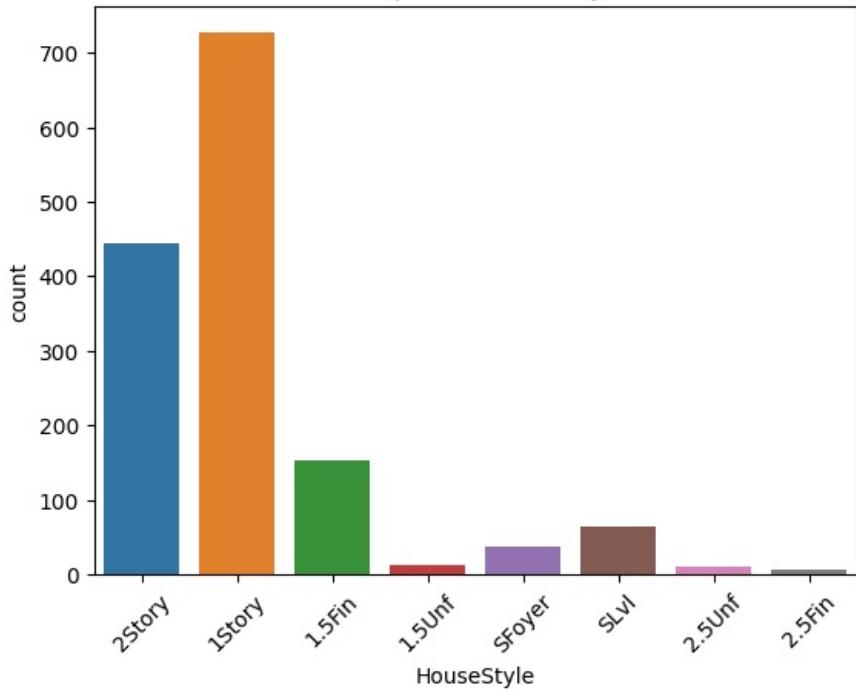
countplot of Condition2



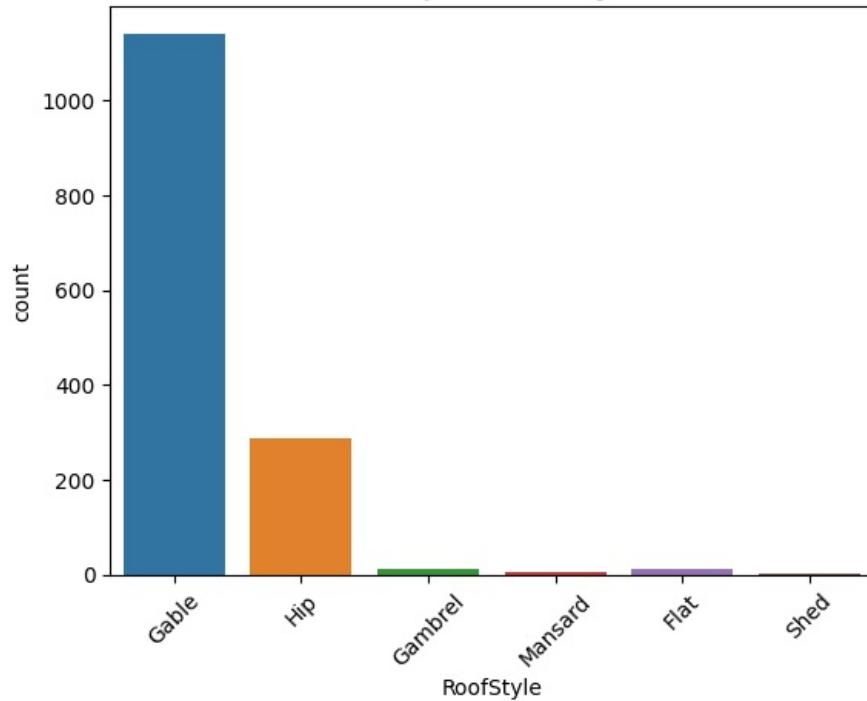
countplot of BldgType



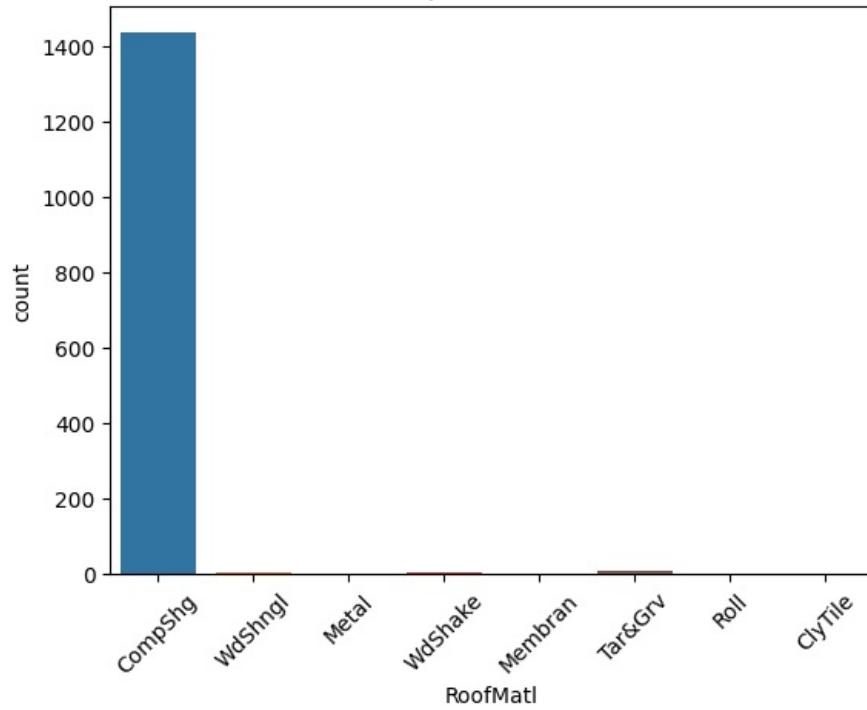
countplot of HouseStyle



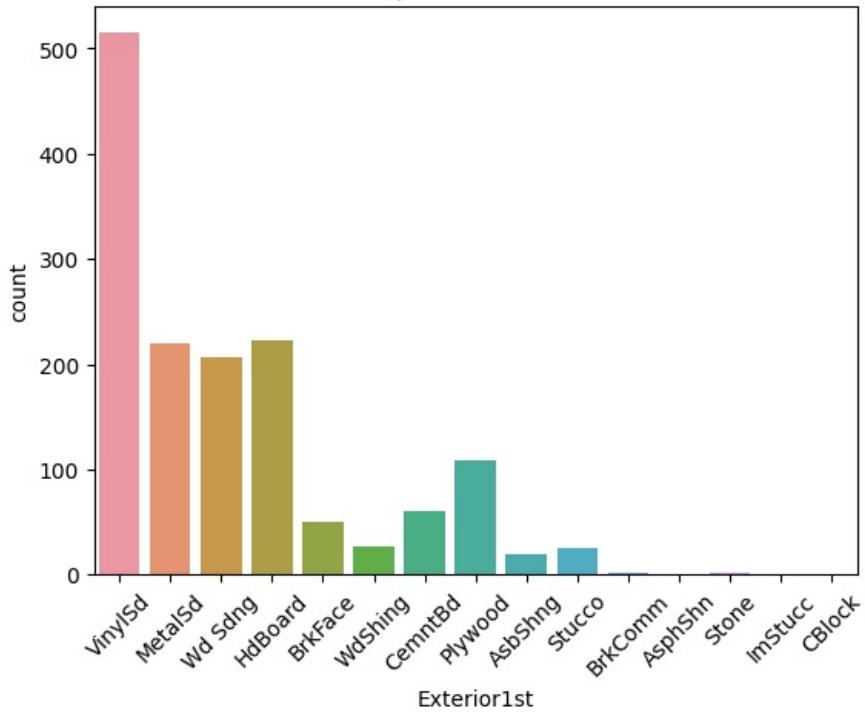
countplot of RoofStyle



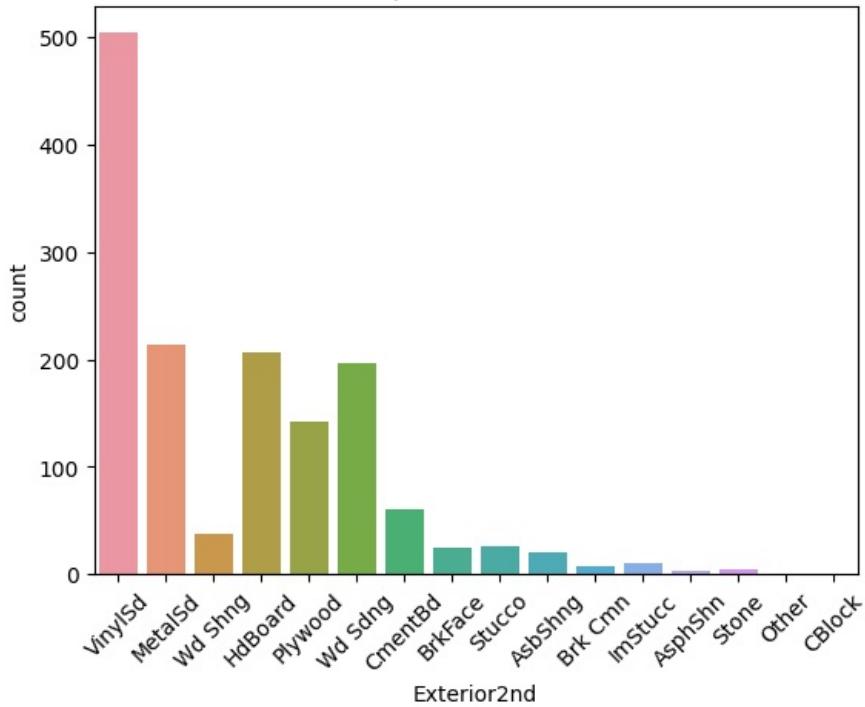
countplot of RoofMatl



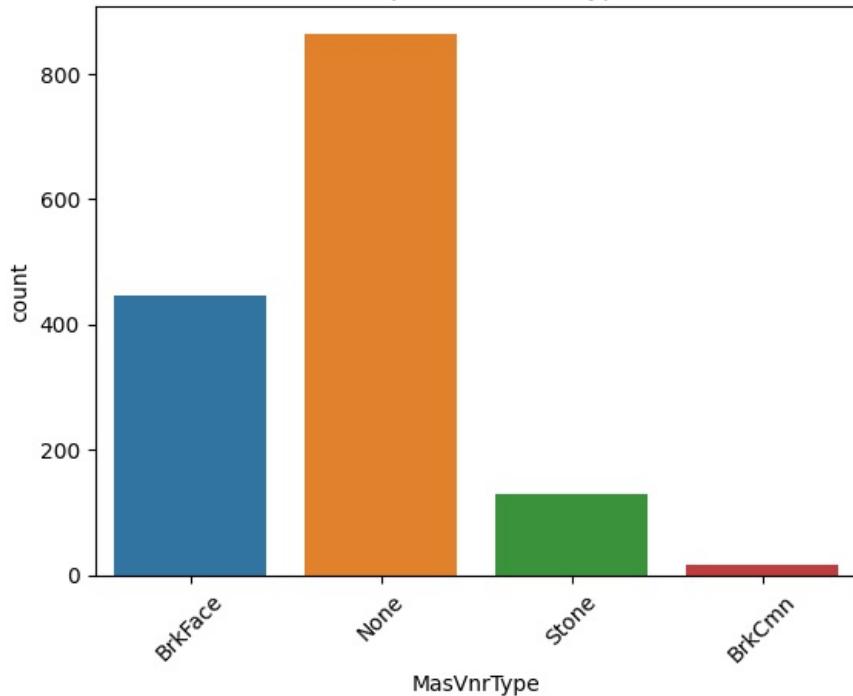
countplot of Exterior1st



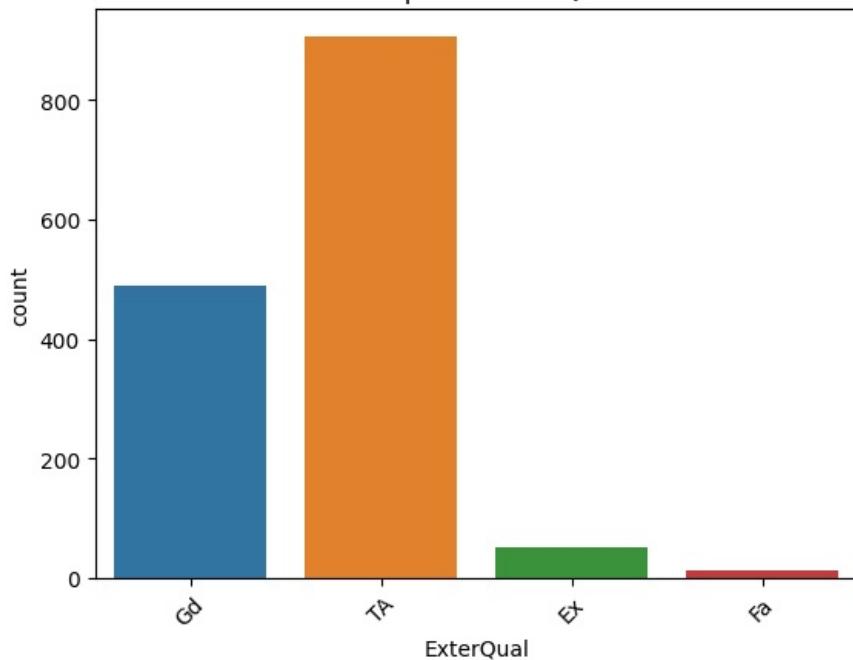
countplot of Exterior2nd



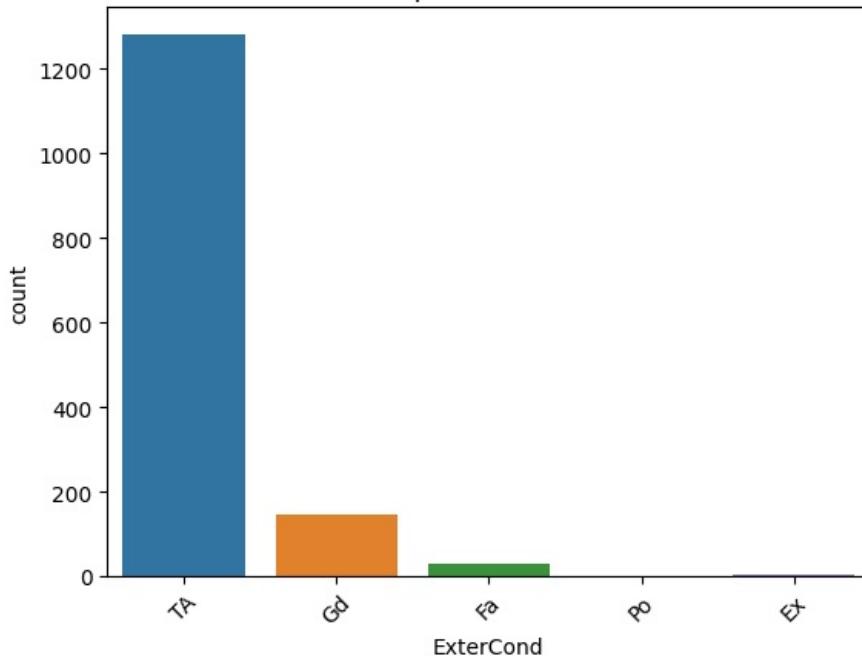
countplot of MasVnrType



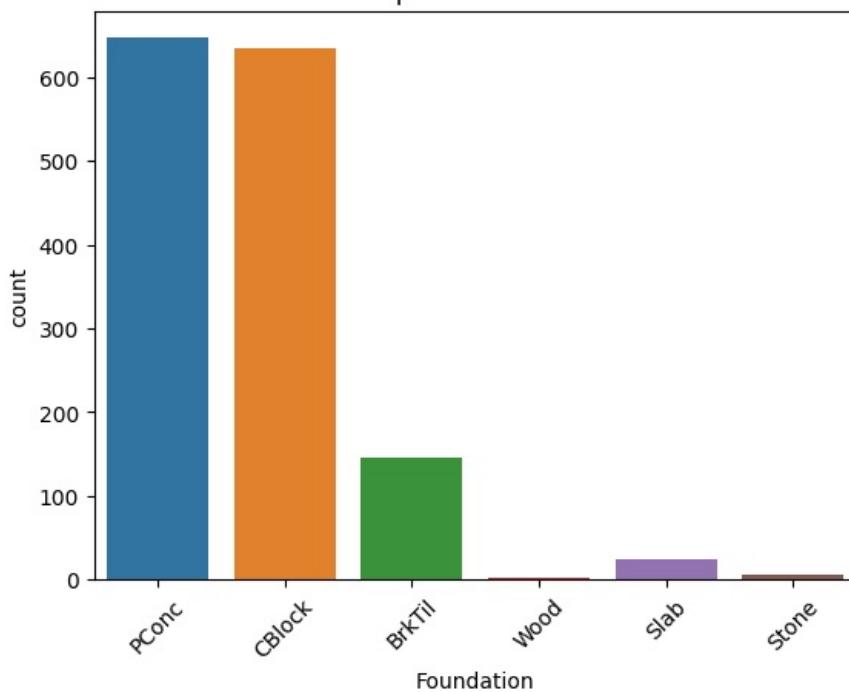
countplot of ExterQual



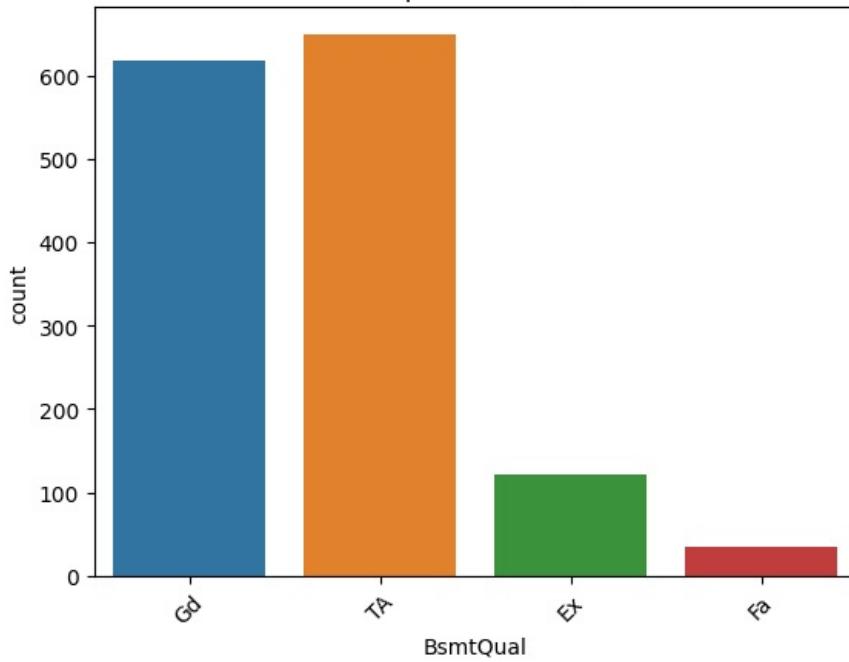
countplot of ExterCond



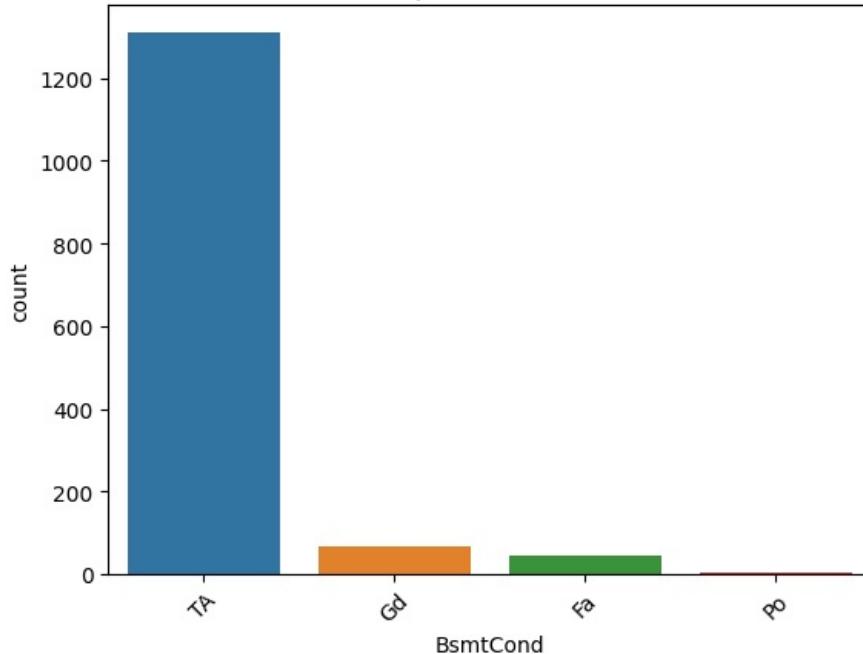
countplot of Foundation



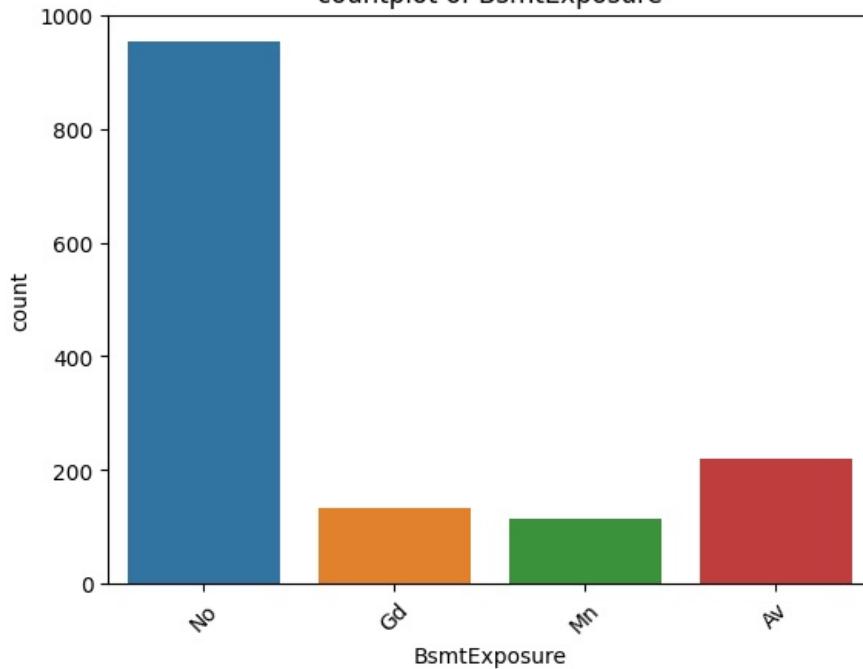
countplot of BsmtQual



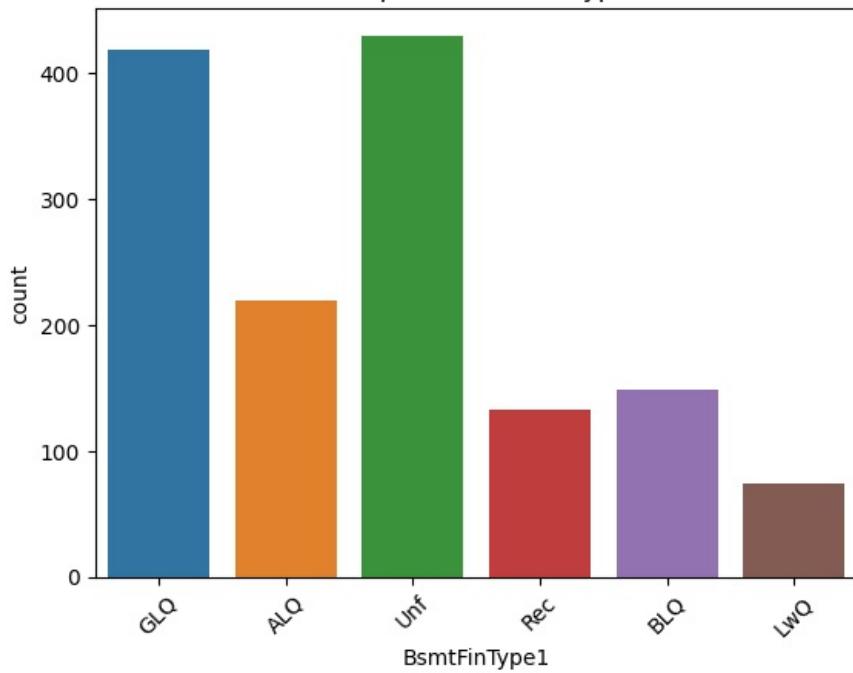
countplot of BsmtCond



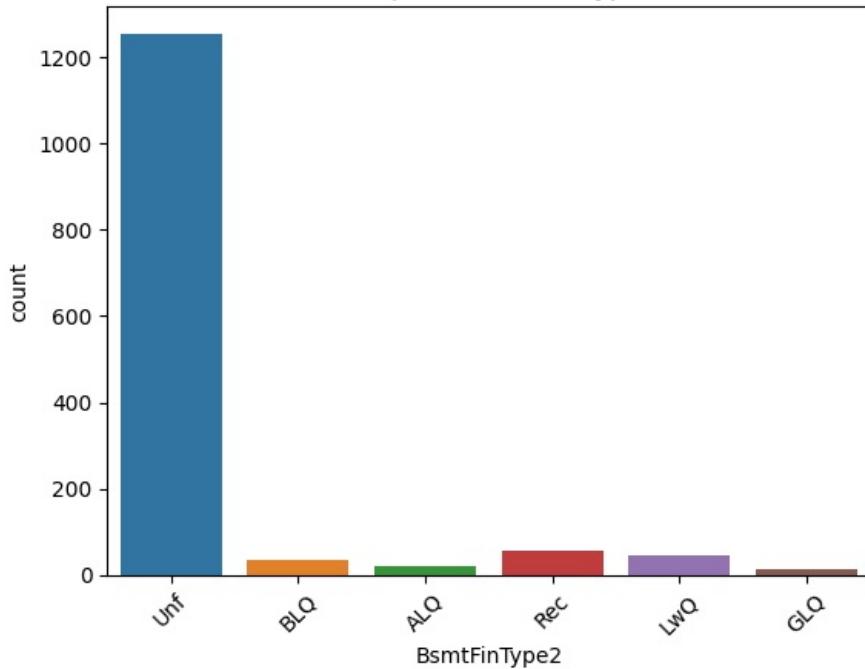
countplot of BsmtExposure



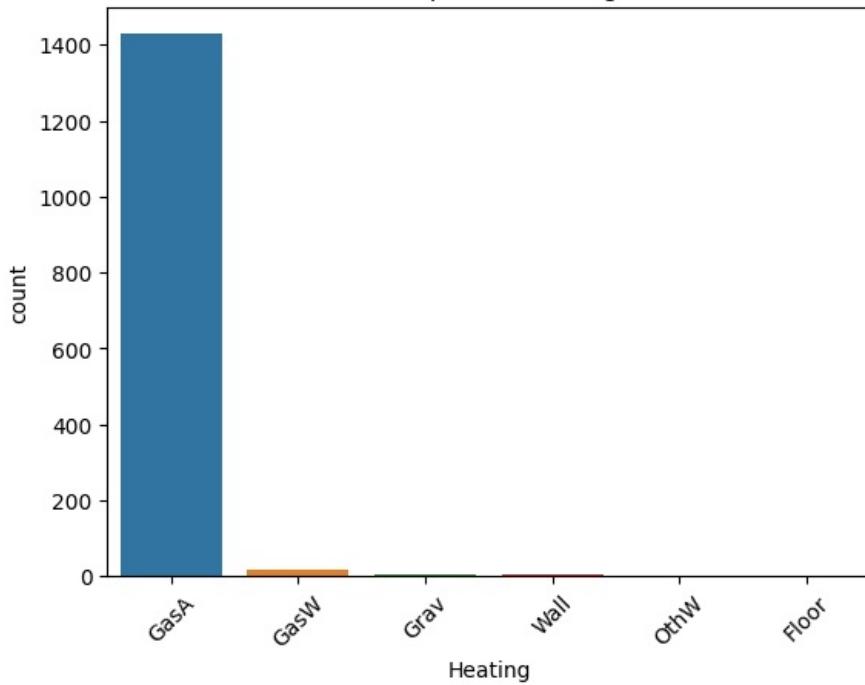
countplot of BsmtFinType1



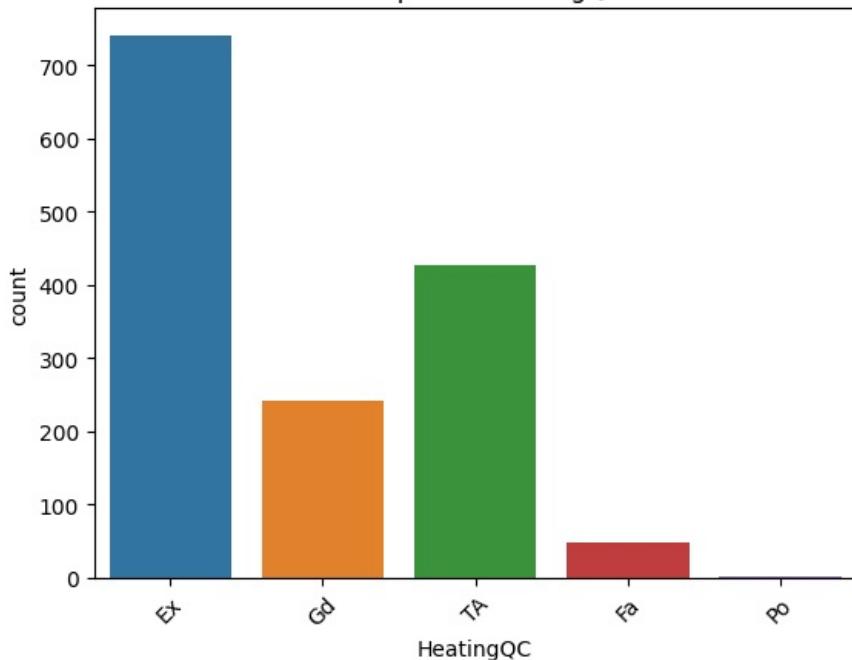
countplot of BsmtFinType2



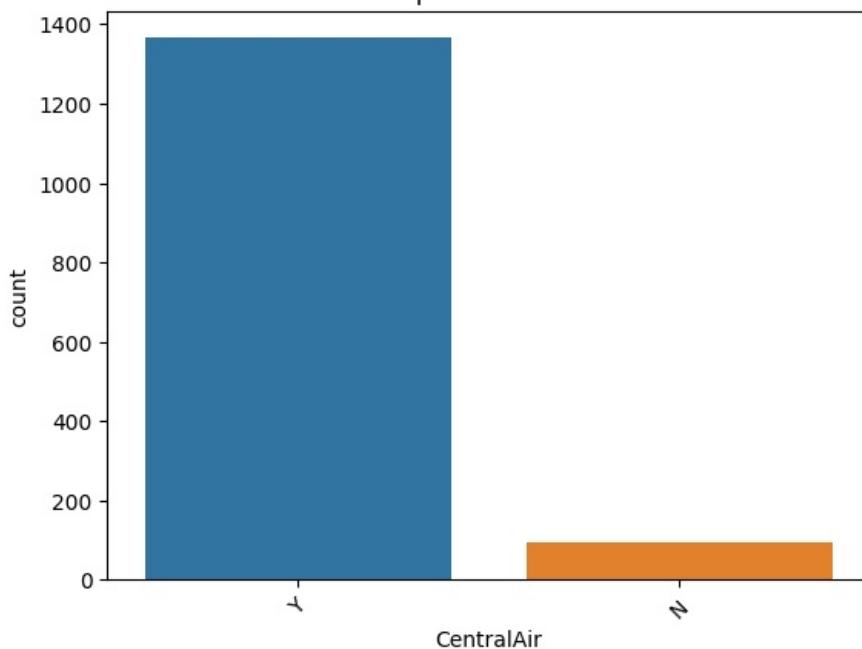
countplot of Heating



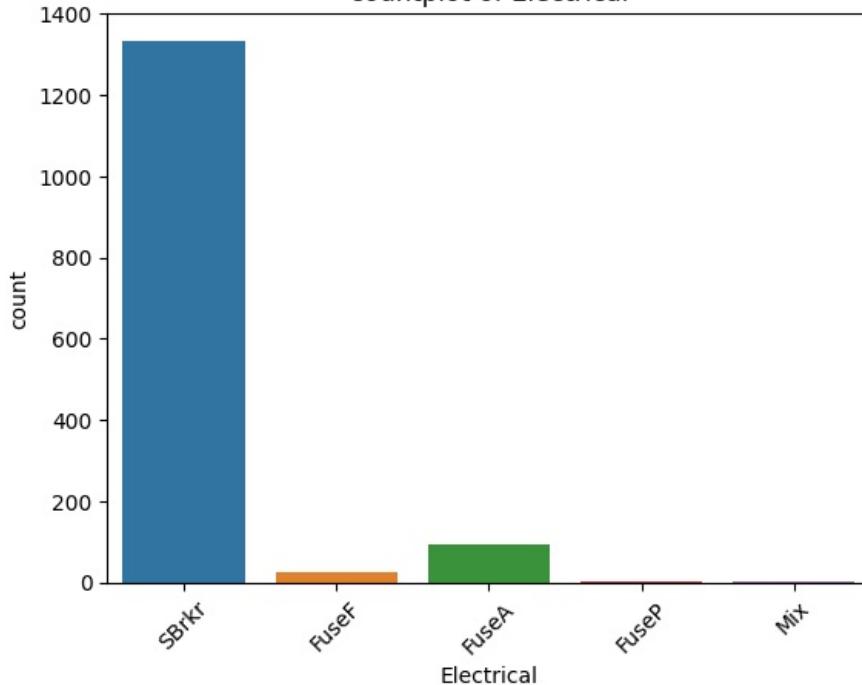
countplot of HeatingQC



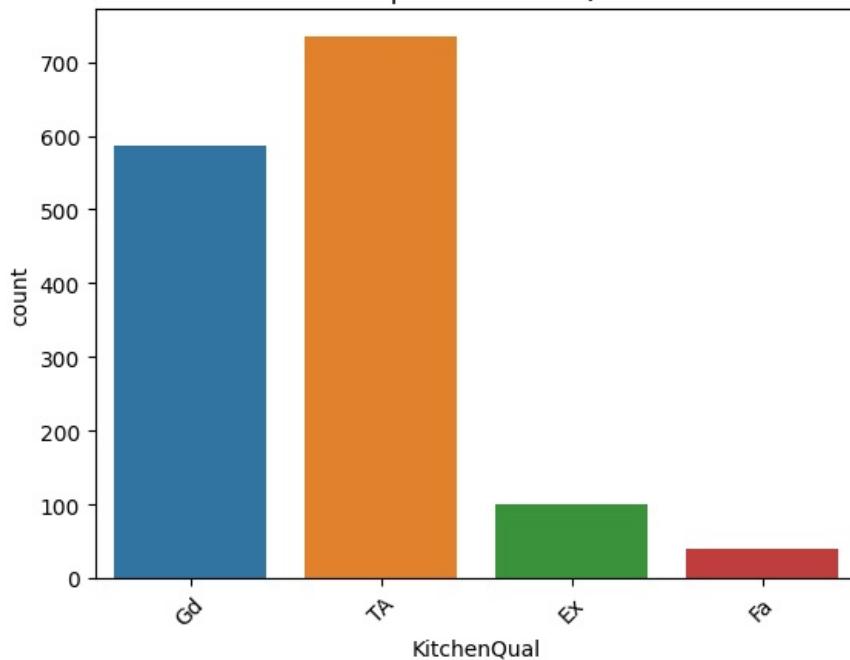
countplot of CentralAir



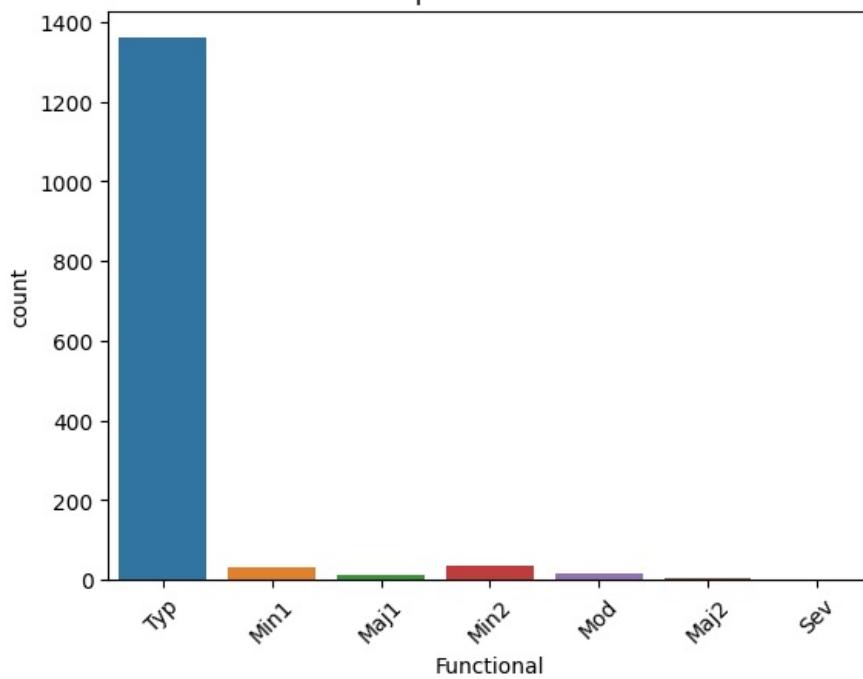
countplot of Electrical



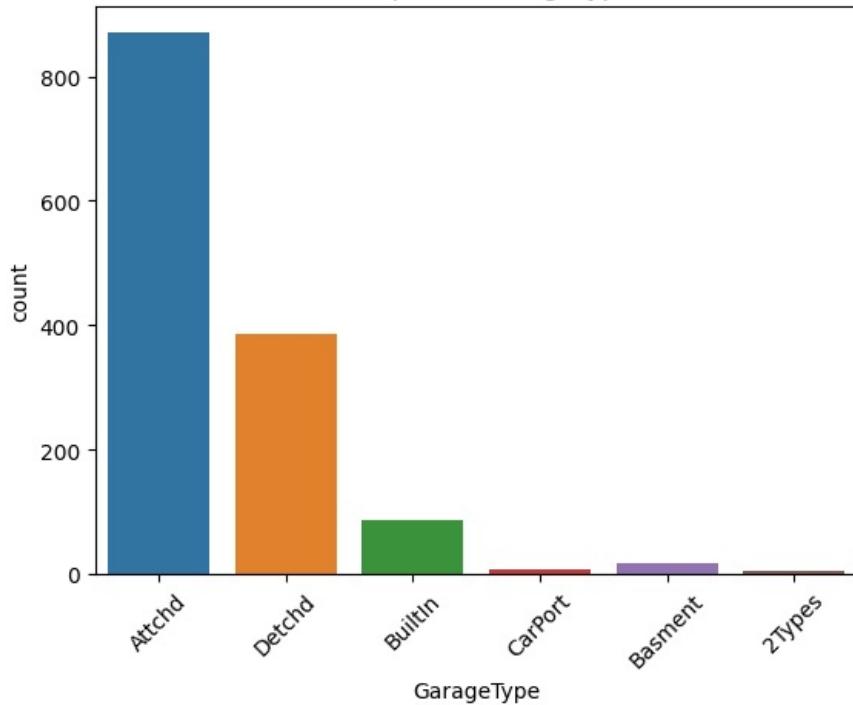
countplot of KitchenQual



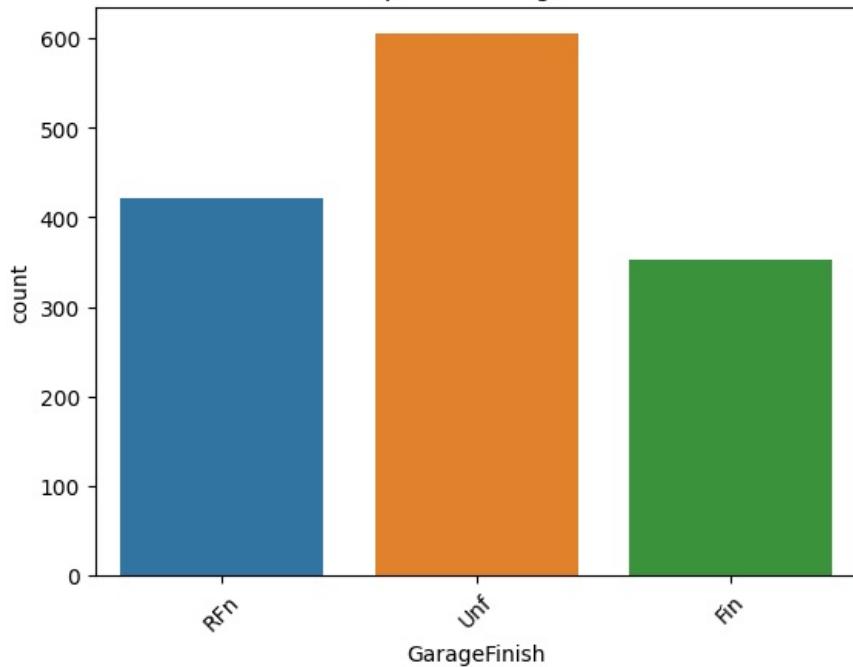
countplot of Functional



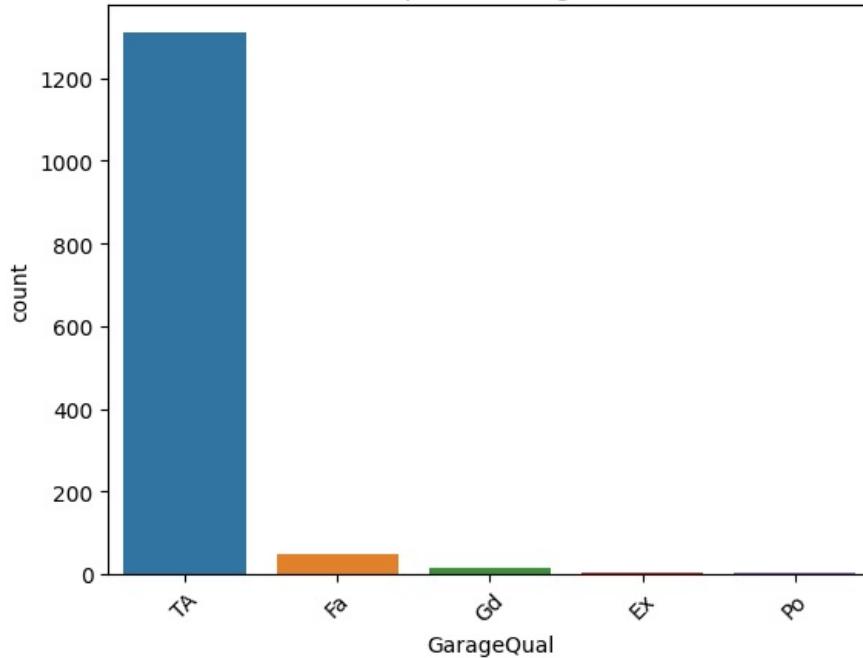
countplot of GarageType



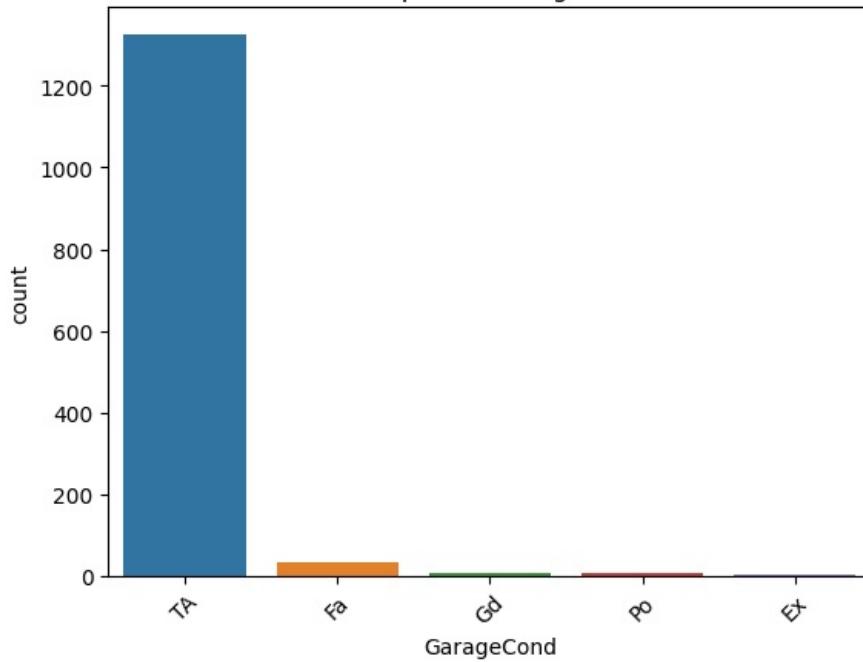
countplot of GarageFinish



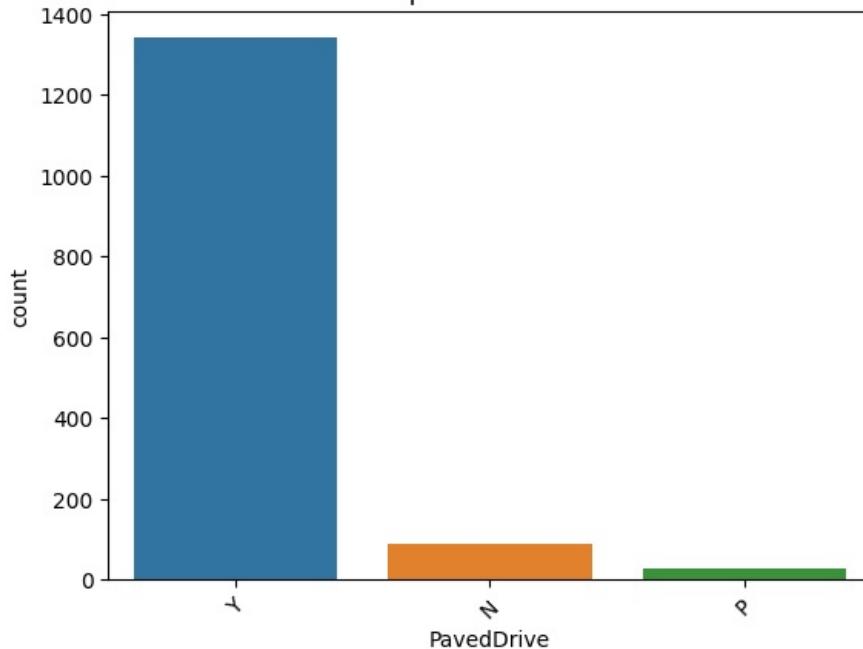
countplot of GarageQual



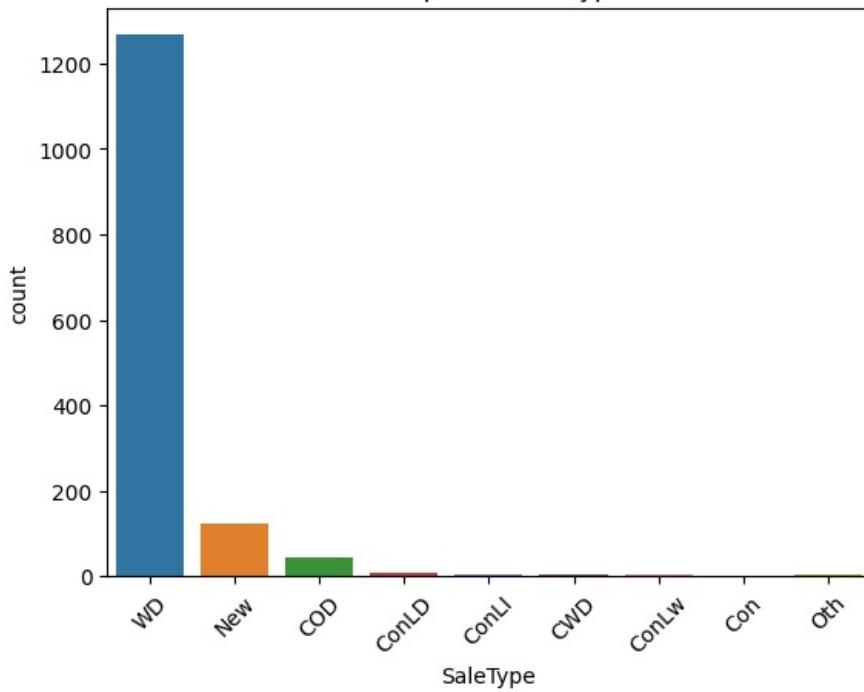
countplot of GarageCond



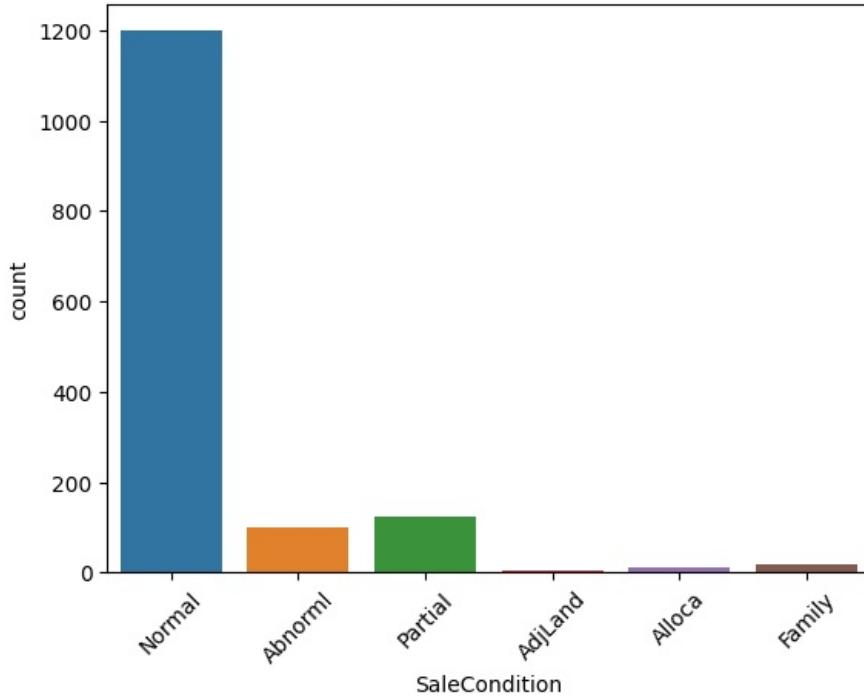
countplot of PavedDrive



countplot of SaleType



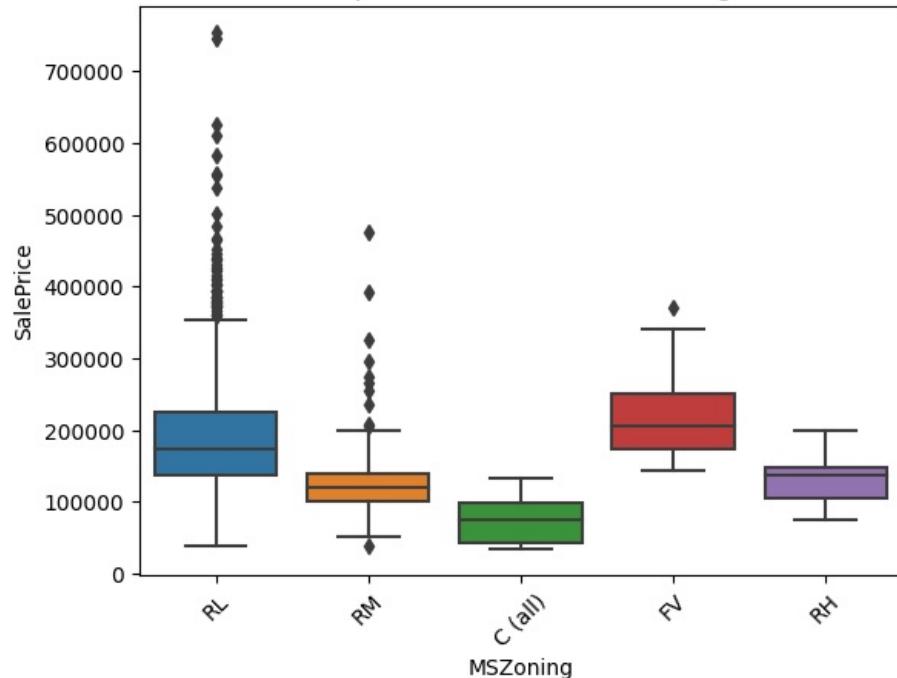
countplot of SaleCondition



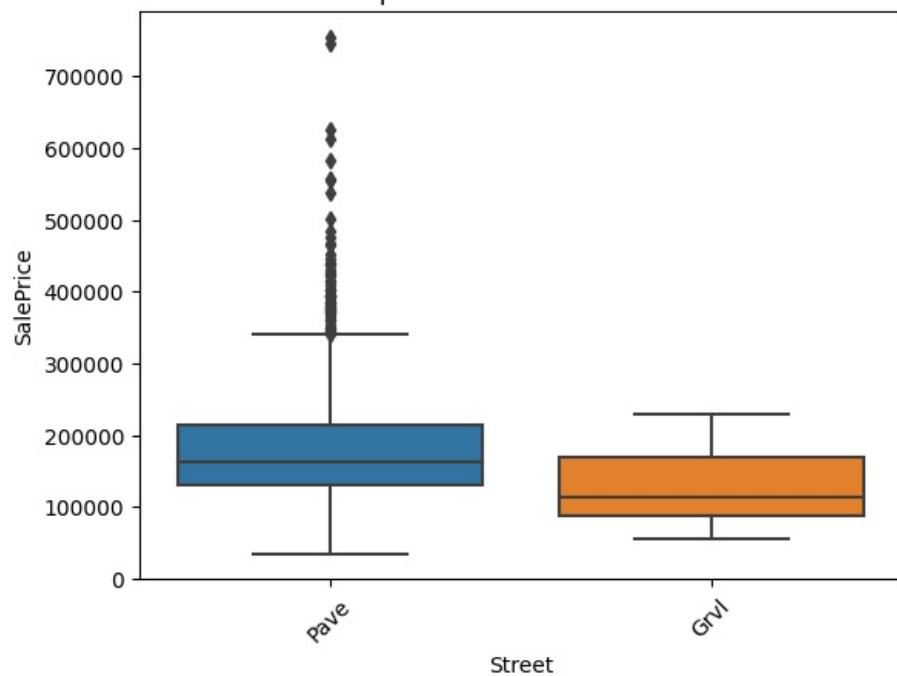
Bivariate:

```
In [15]: for col in df.select_dtypes(include='object').columns:  
    sns.boxplot(x=df[col],y=df['SalePrice'])  
    plt.title(f'Boxplot of SalePrice vs {col}')  
    plt.xticks(rotation=45)  
    plt.show()
```

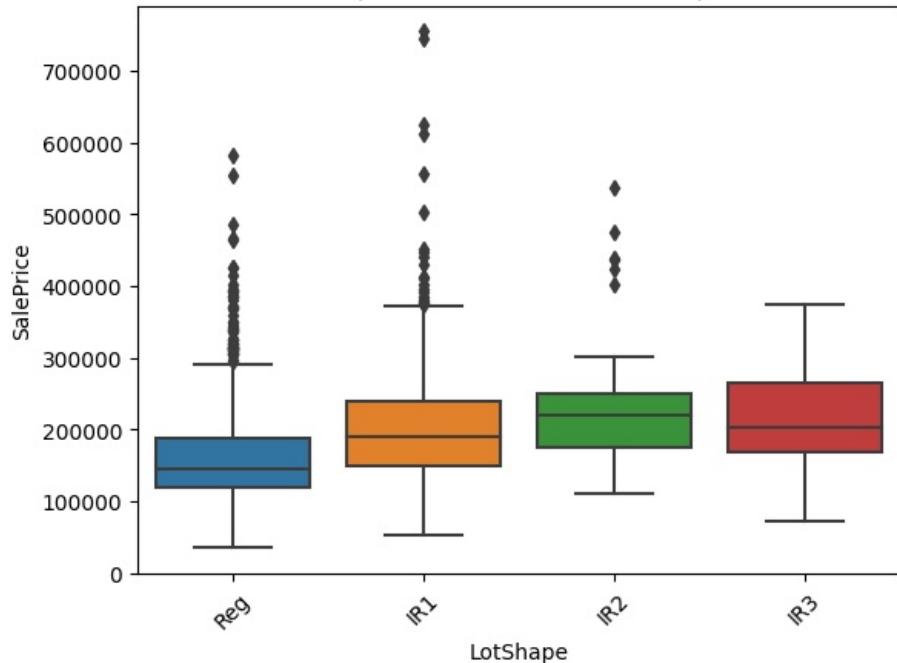
Boxplot of SalePrice vs MSZoning



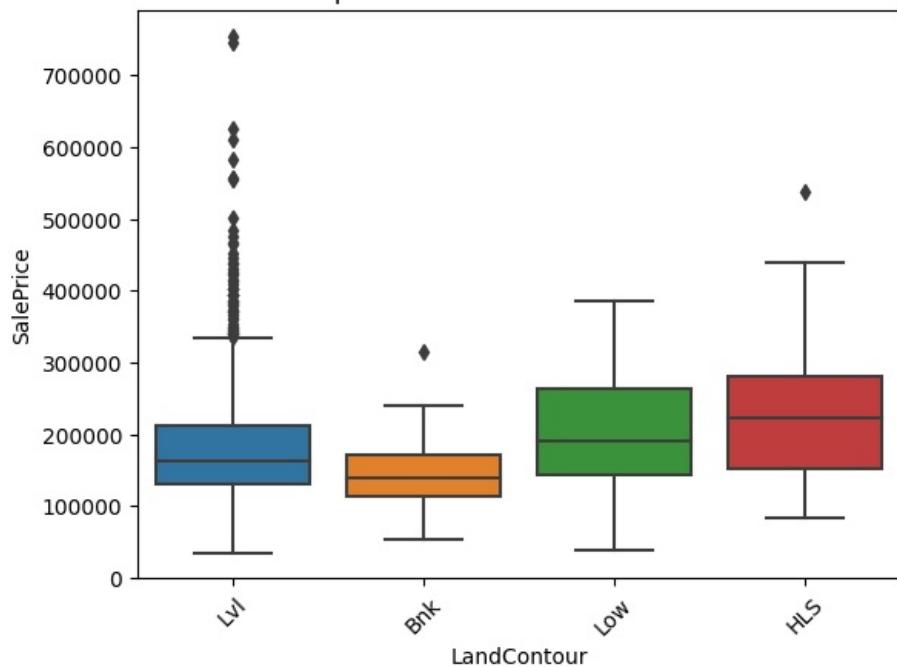
Boxplot of SalePrice vs Street

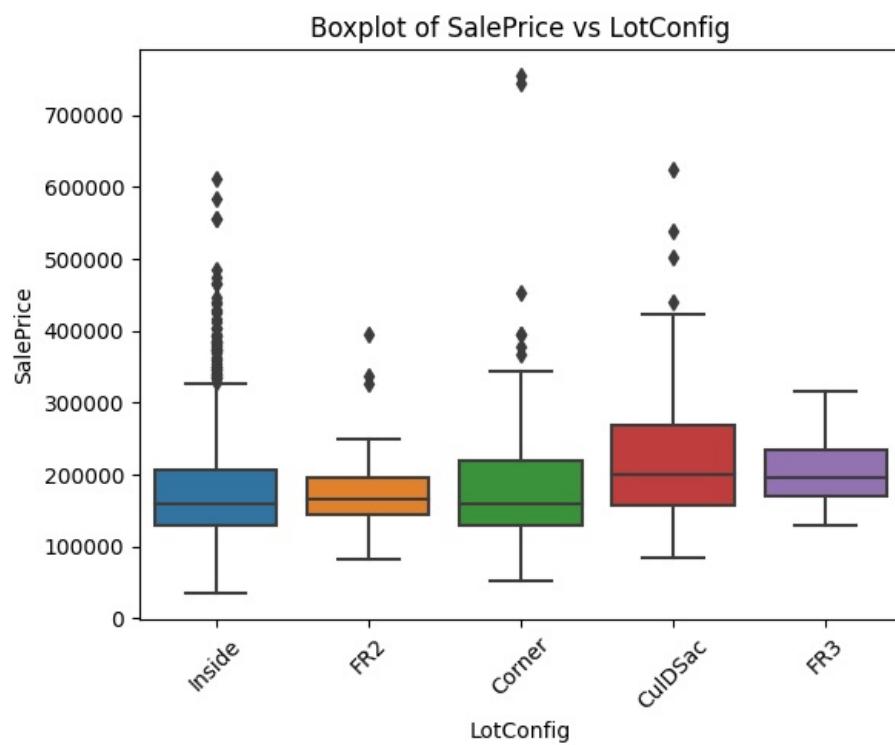
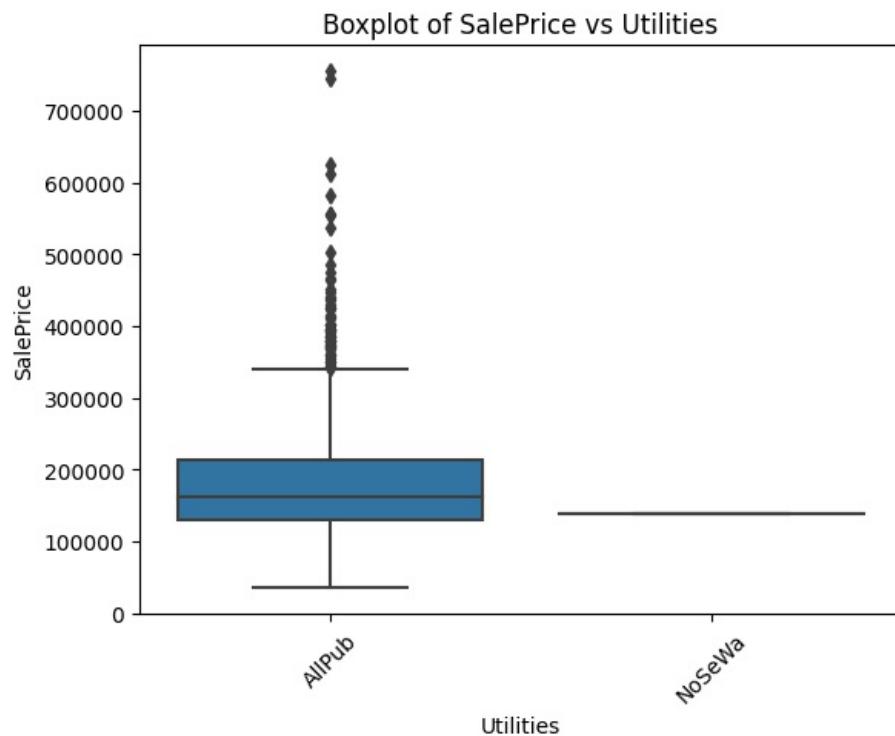


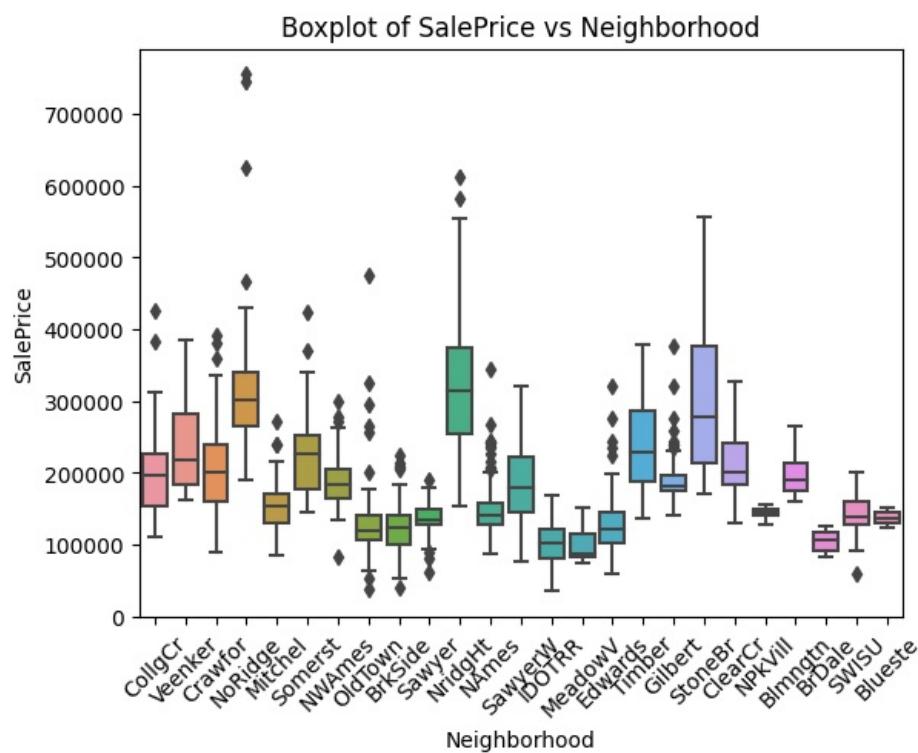
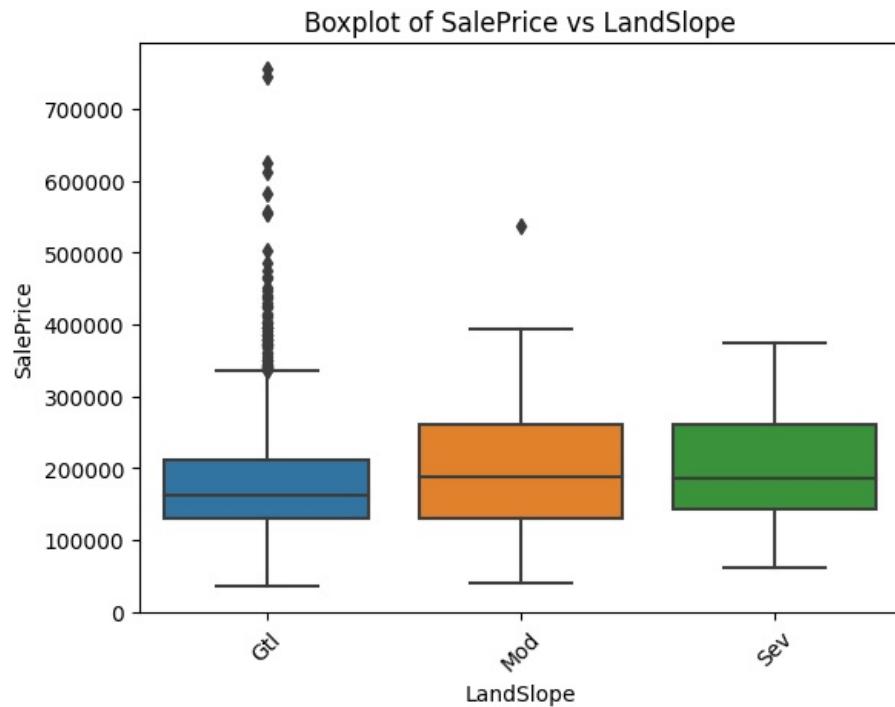
Boxplot of SalePrice vs LotShape



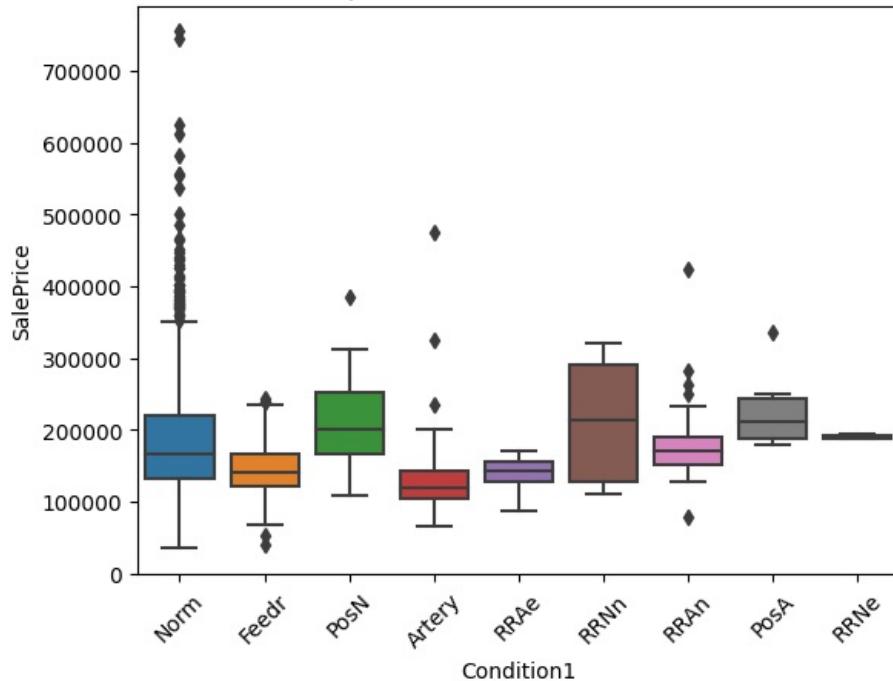
Boxplot of SalePrice vs LandContour



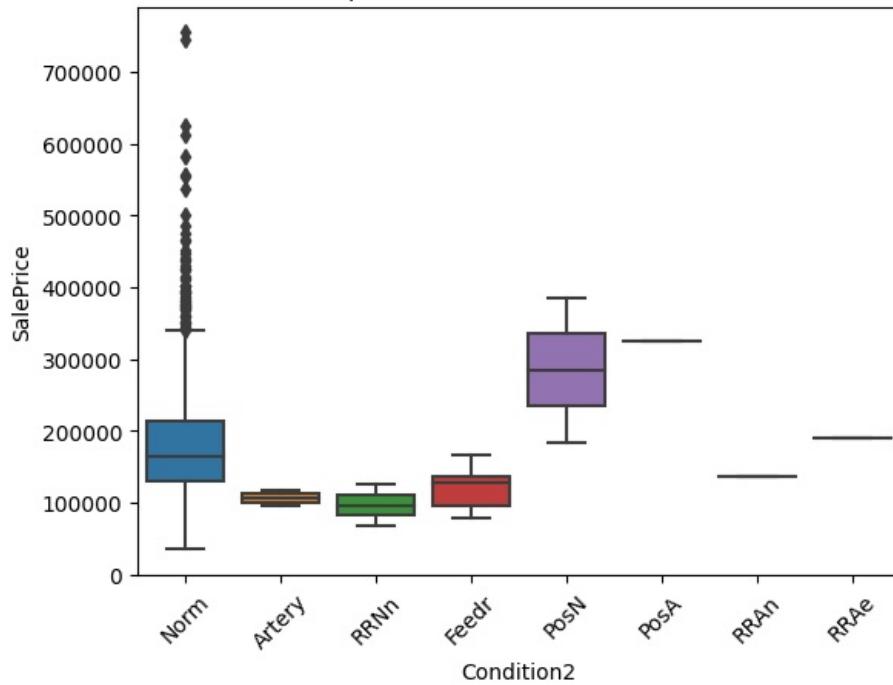




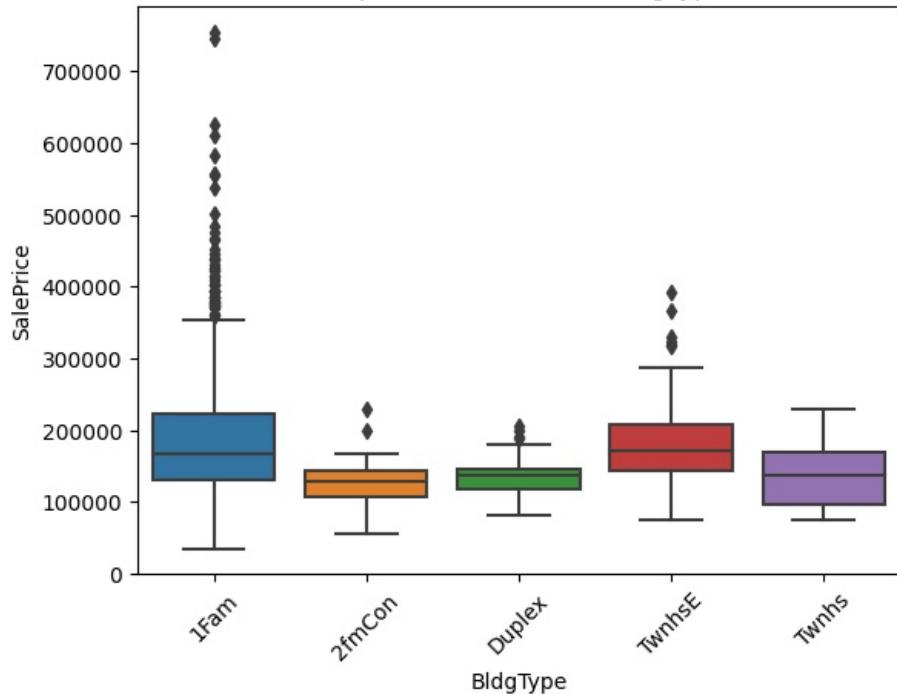
Boxplot of SalePrice vs Condition1



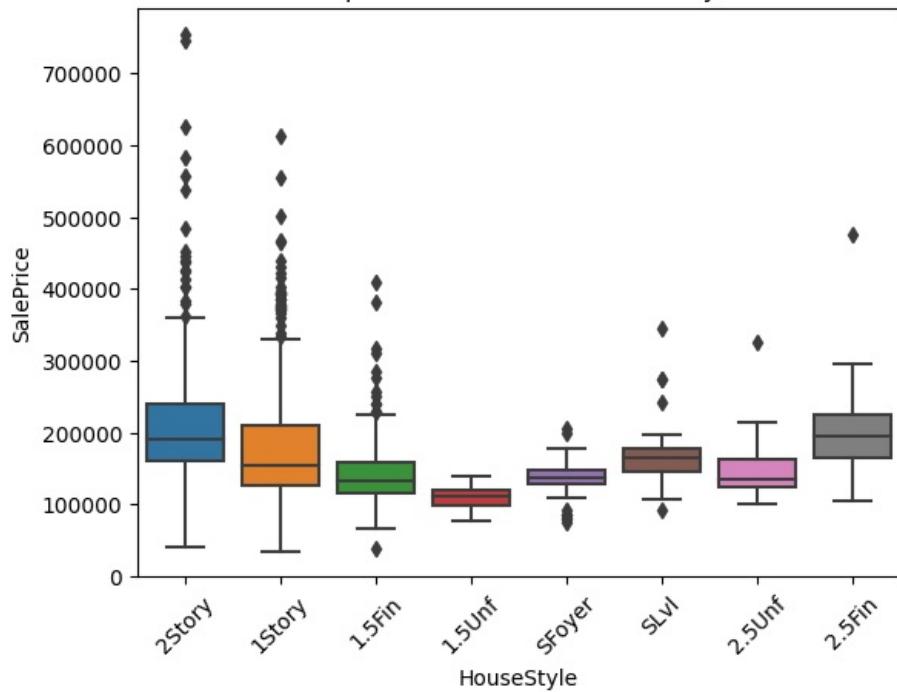
Boxplot of SalePrice vs Condition2

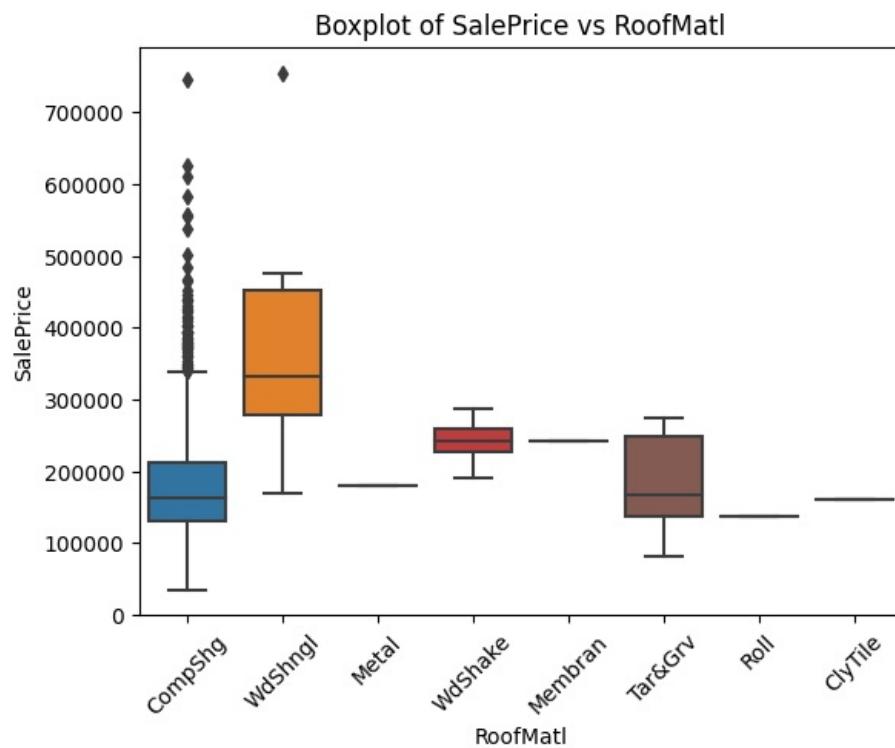
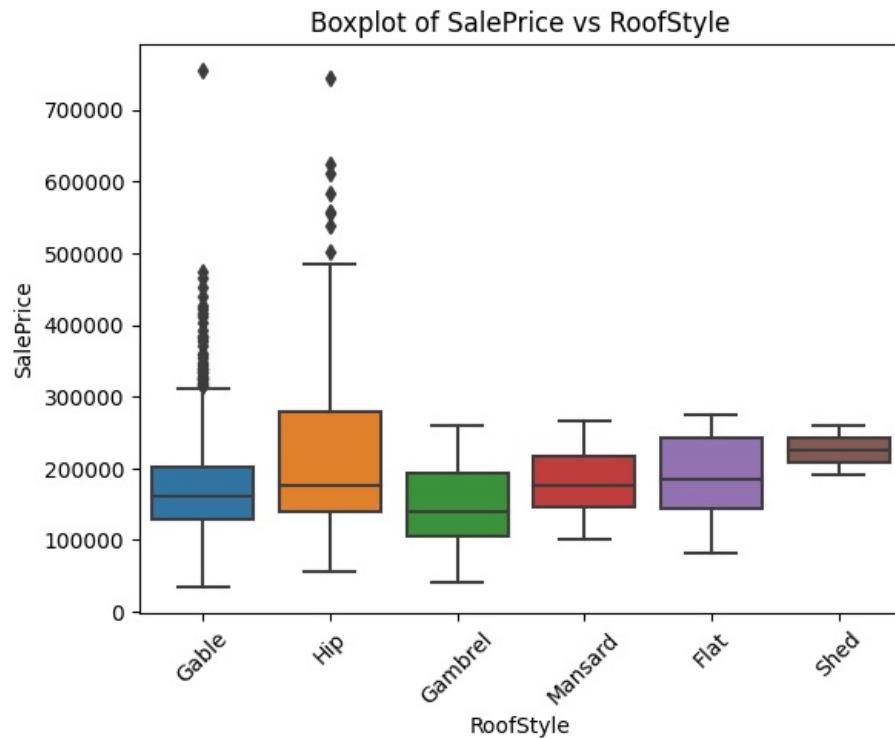


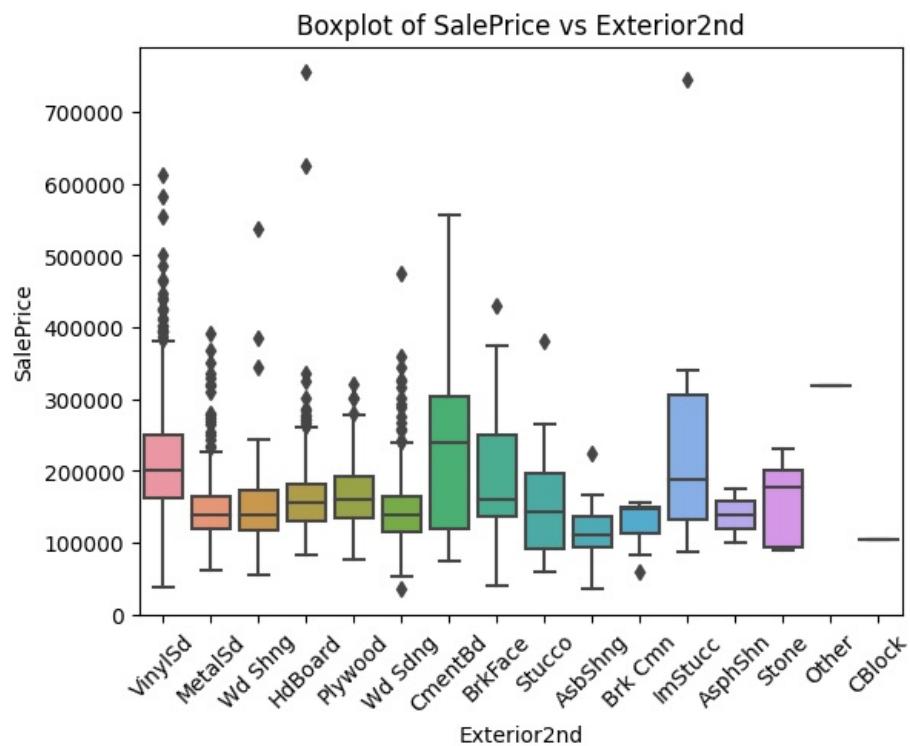
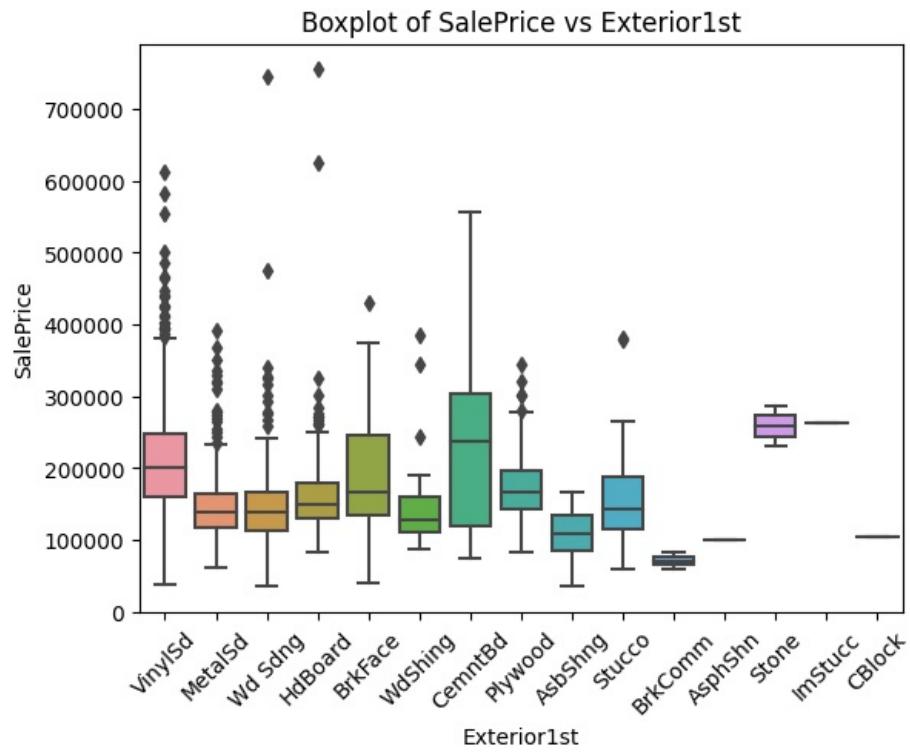
Boxplot of SalePrice vs BldgType



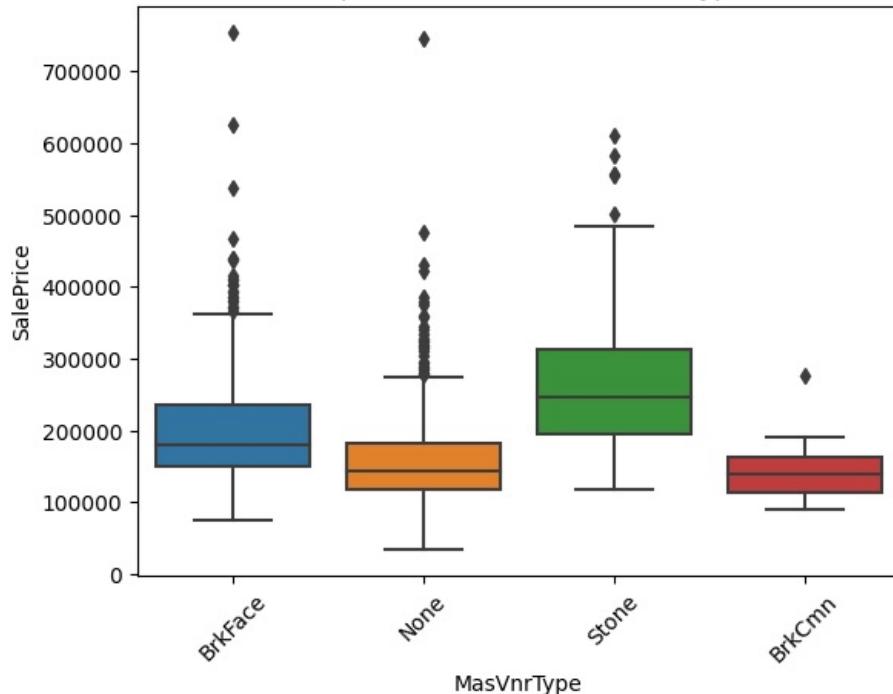
Boxplot of SalePrice vs HouseStyle



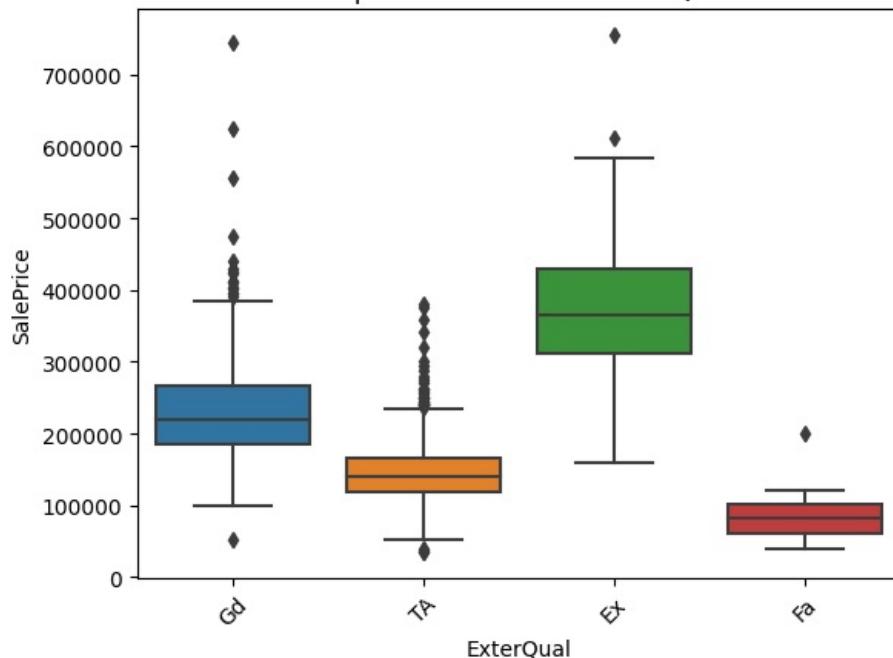


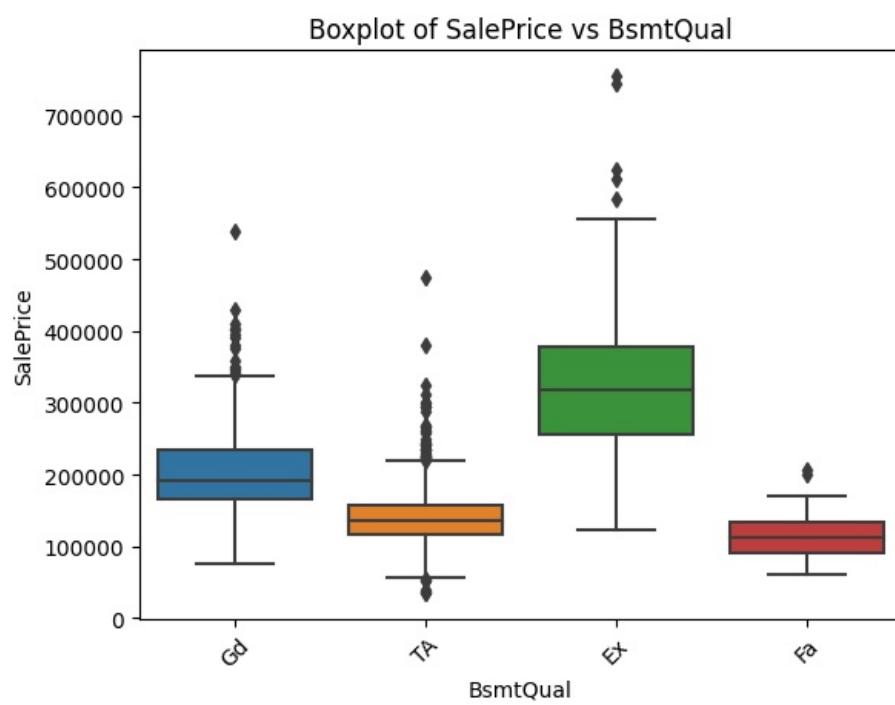
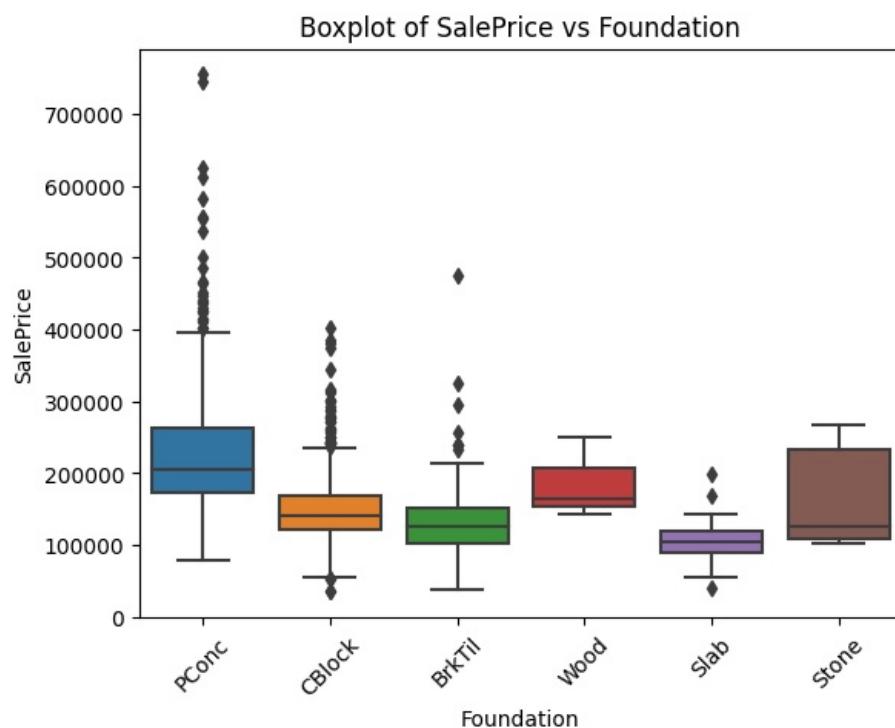
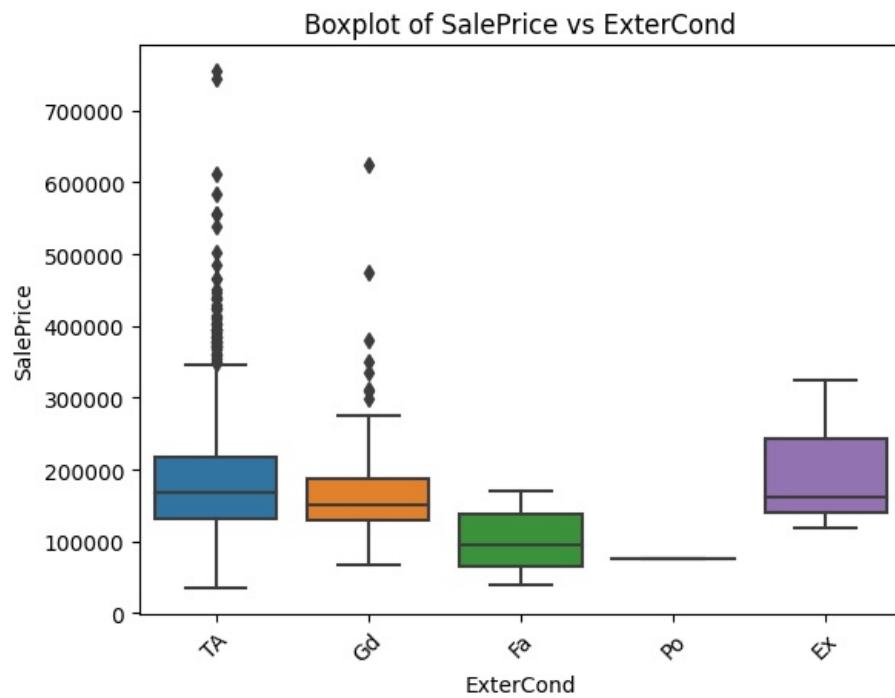


Boxplot of SalePrice vs MasVnrType

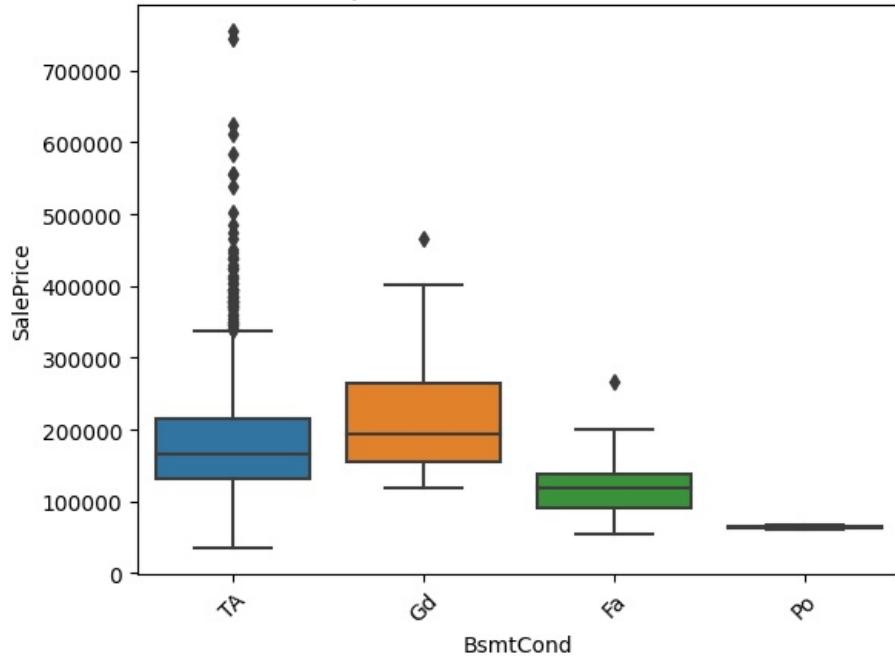


Boxplot of SalePrice vs ExterQual

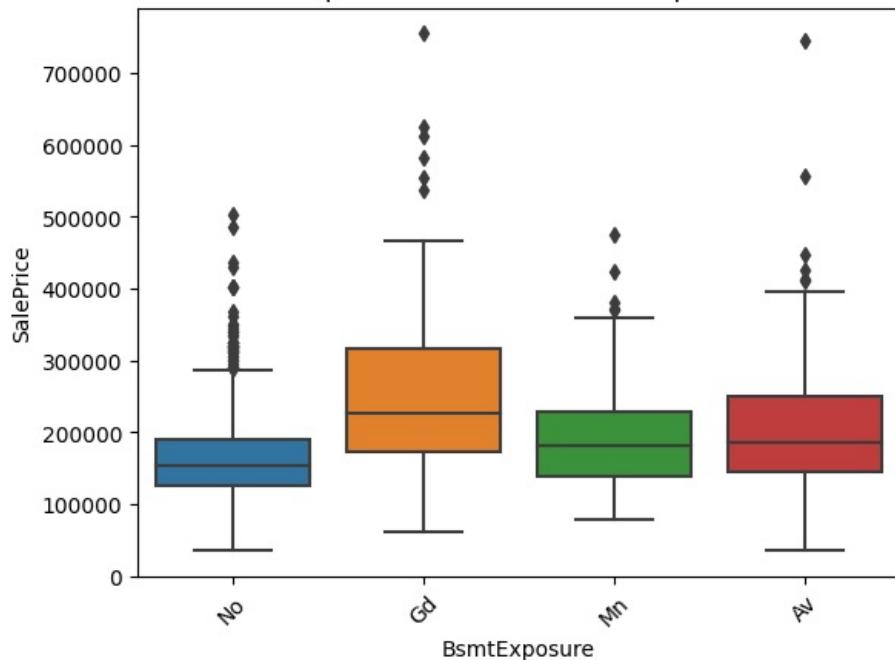




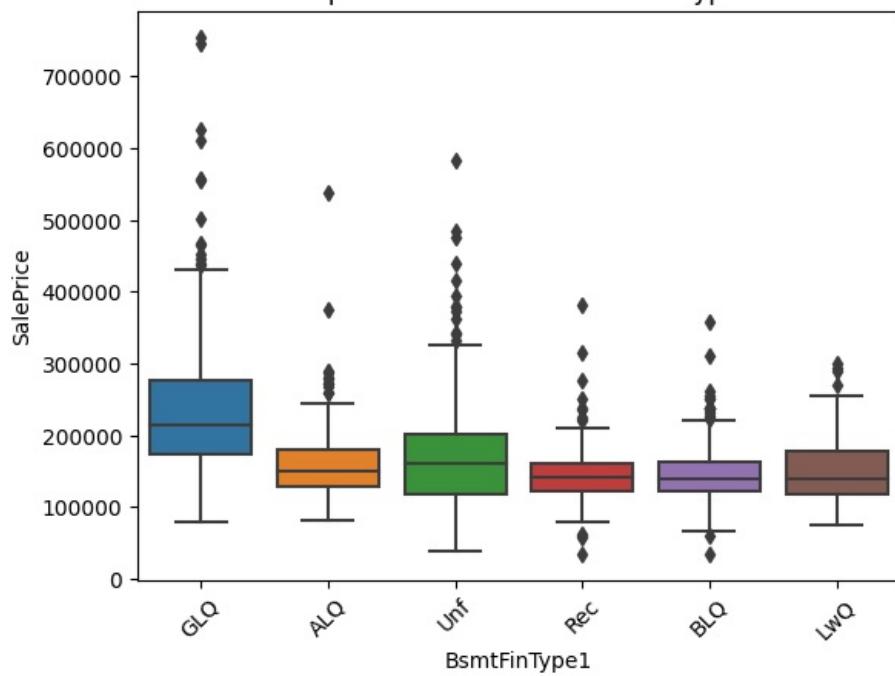
Boxplot of SalePrice vs BsmtCond



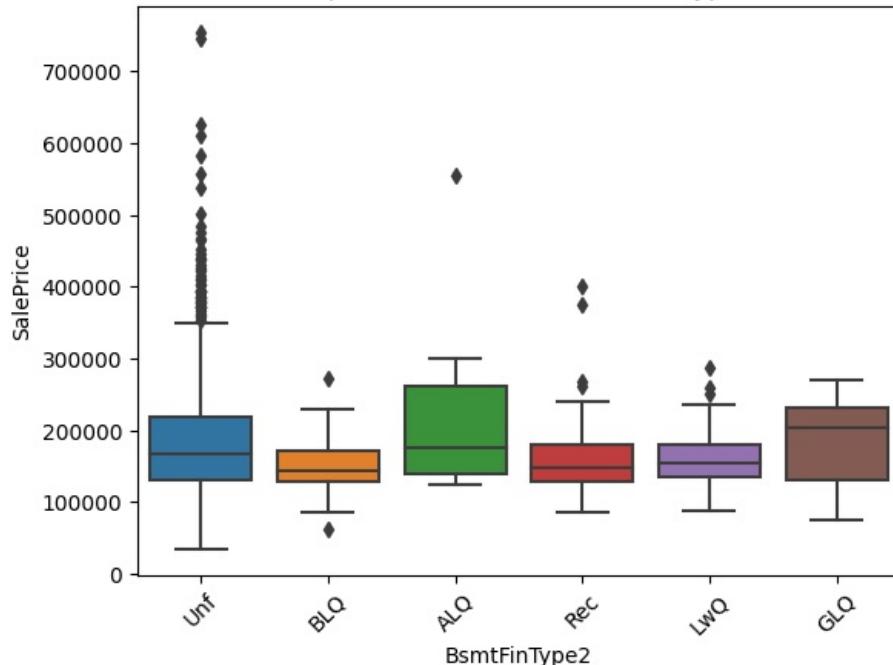
Boxplot of SalePrice vs BsmtExposure



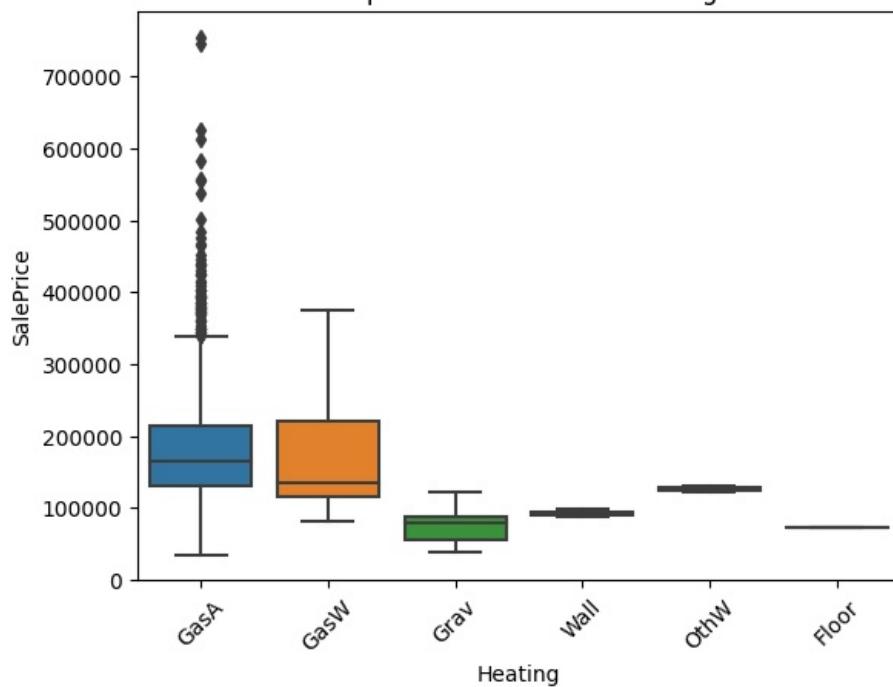
Boxplot of SalePrice vs BsmtFinType1



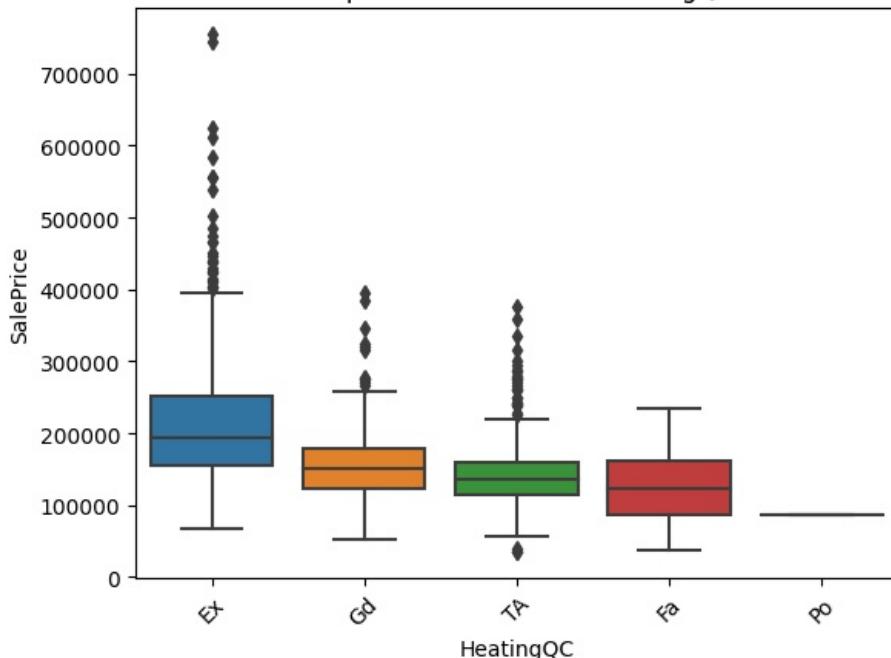
Boxplot of SalePrice vs BsmtFinType2



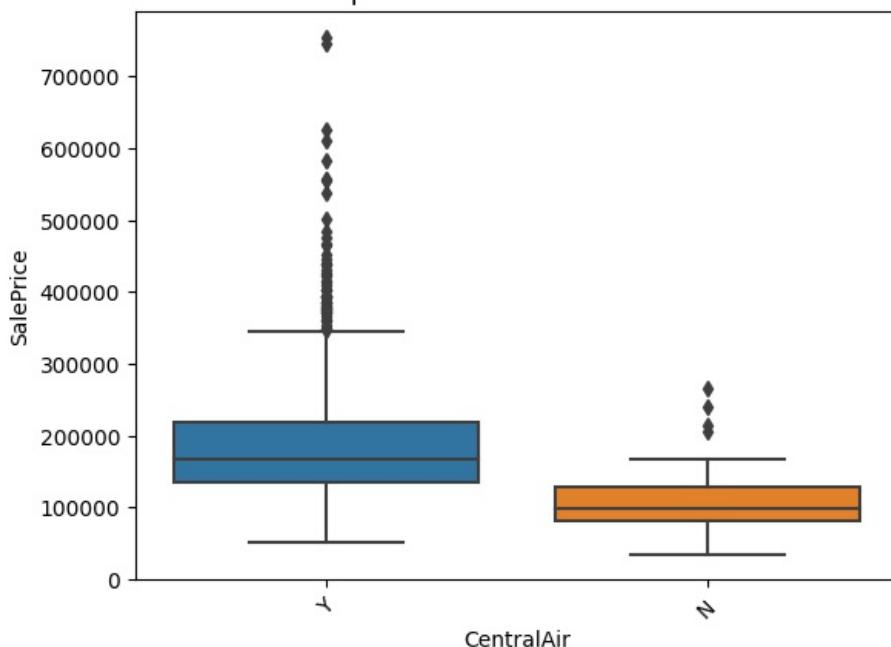
Boxplot of SalePrice vs Heating



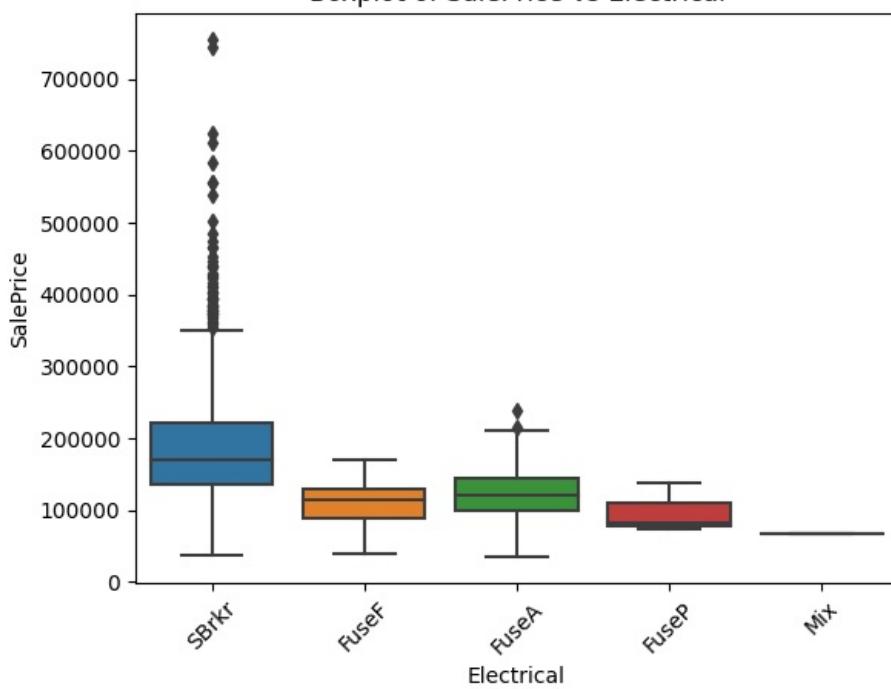
Boxplot of SalePrice vs HeatingQC



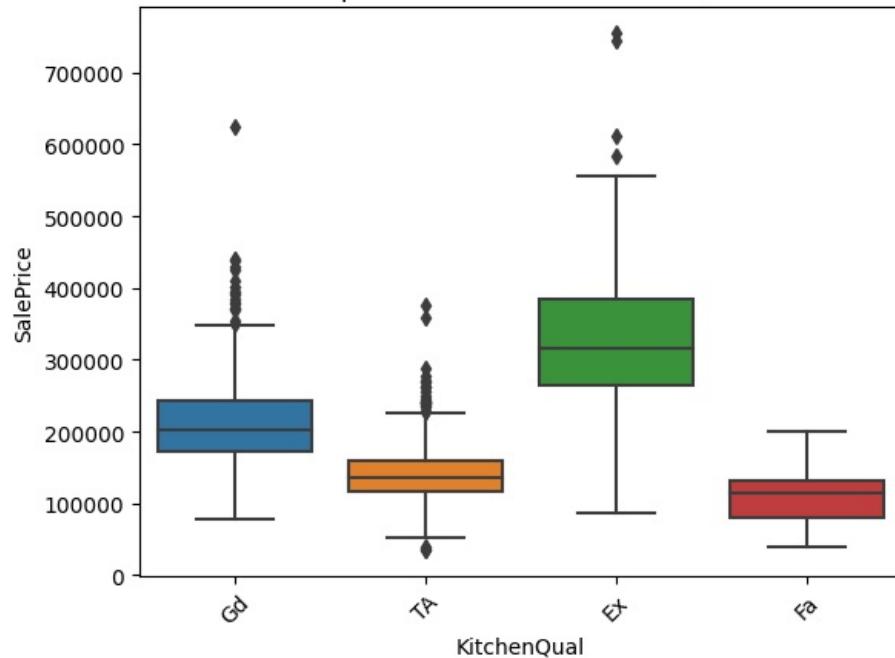
Boxplot of SalePrice vs CentralAir



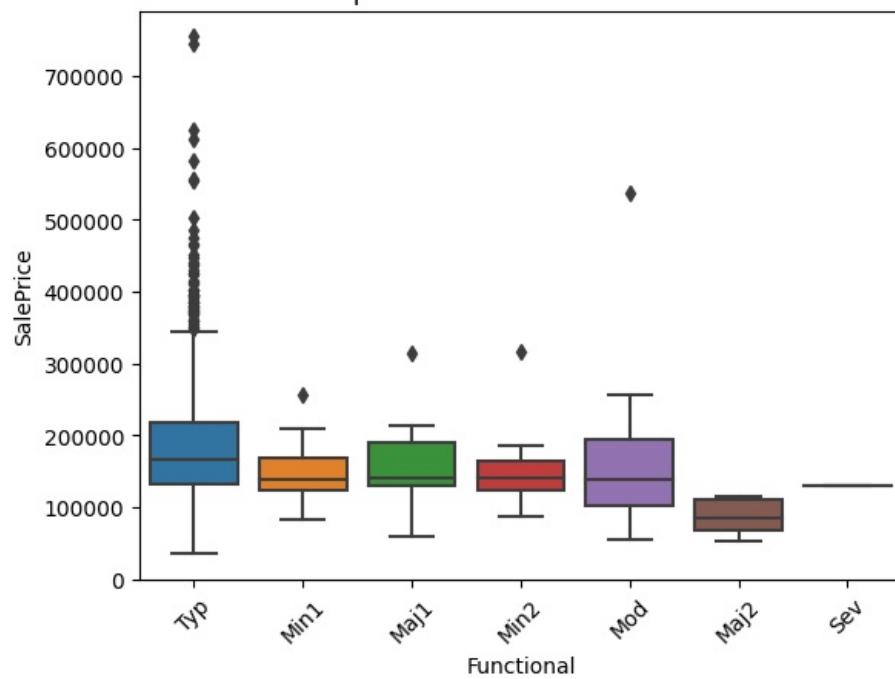
Boxplot of SalePrice vs Electrical



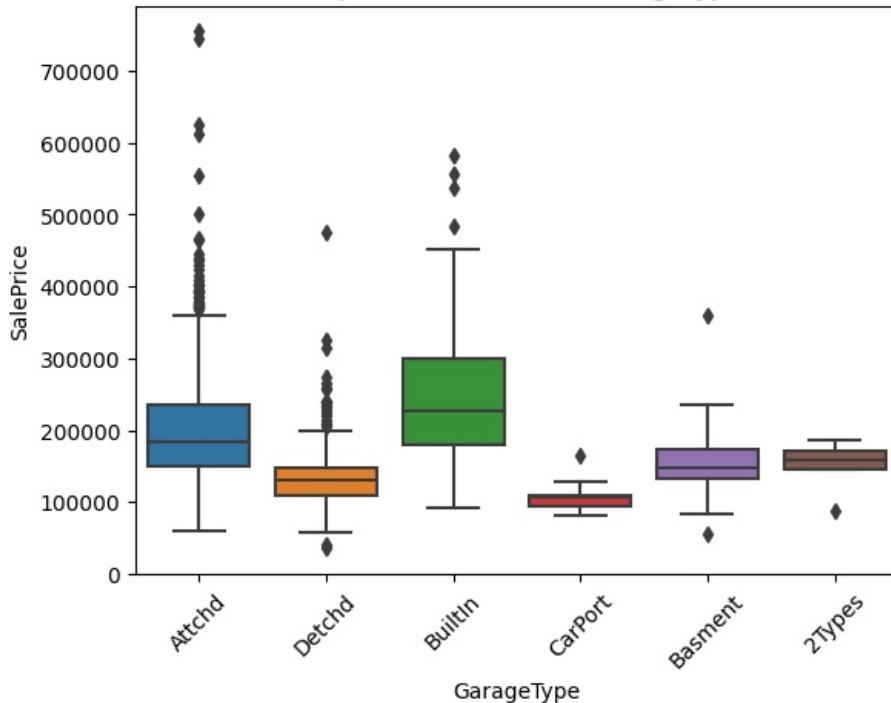
Boxplot of SalePrice vs KitchenQual



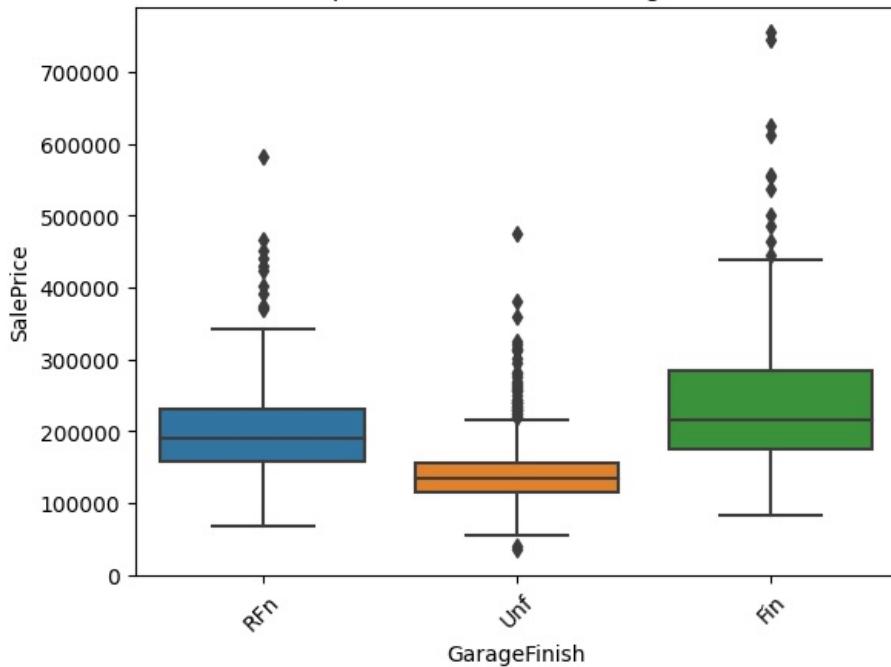
Boxplot of SalePrice vs Functional



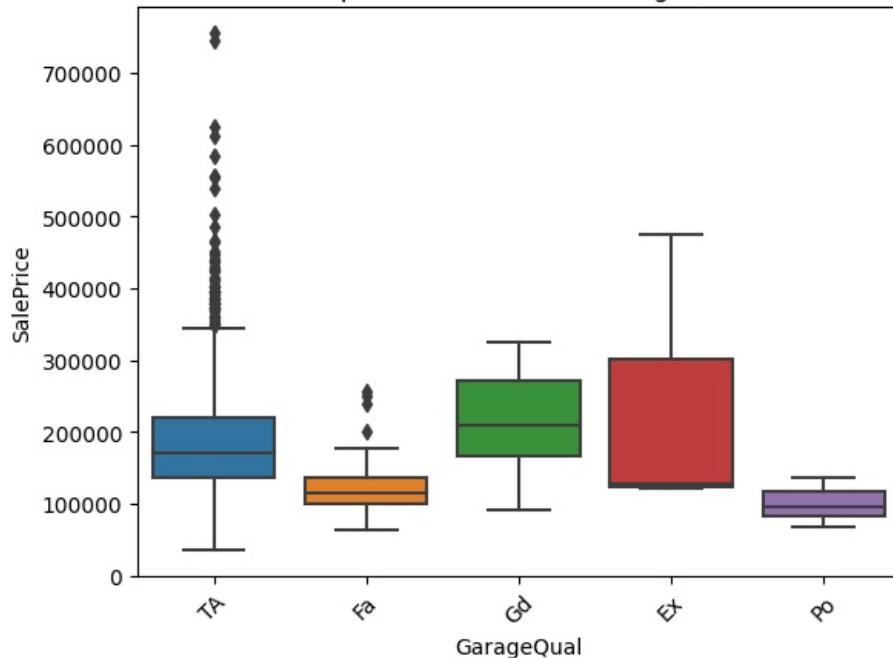
Boxplot of SalePrice vs GarageType



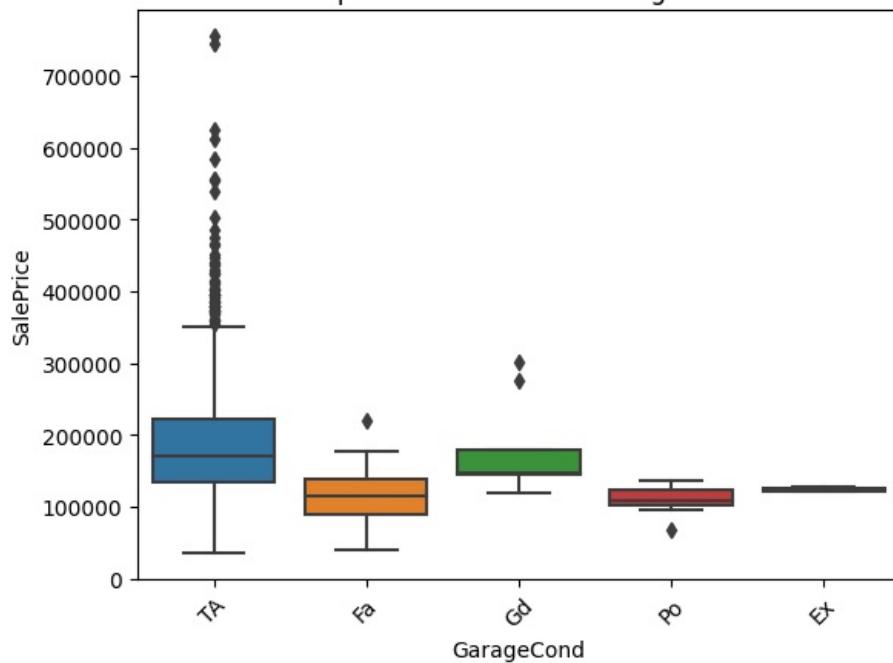
Boxplot of SalePrice vs GarageFinish



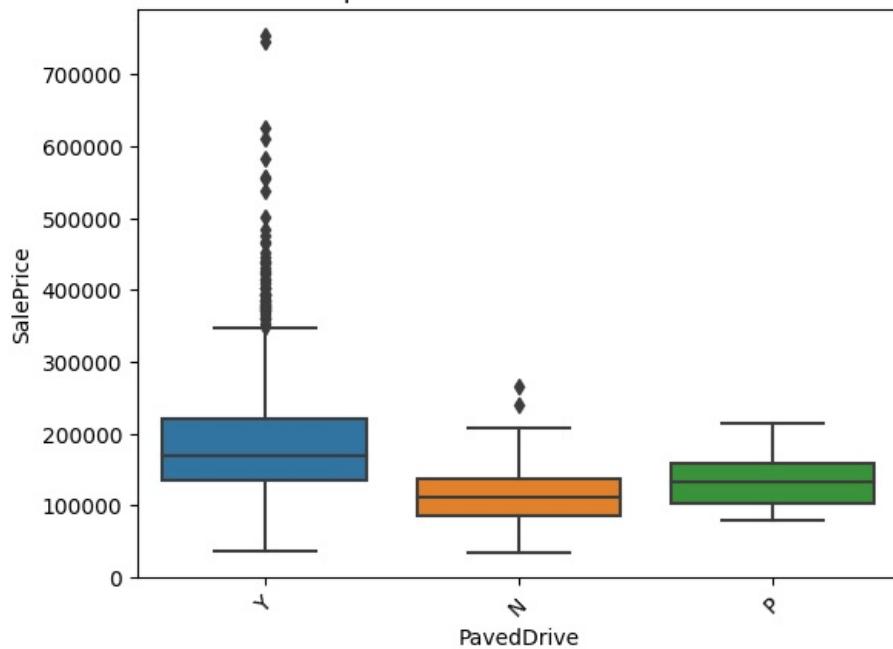
Boxplot of SalePrice vs GarageQual

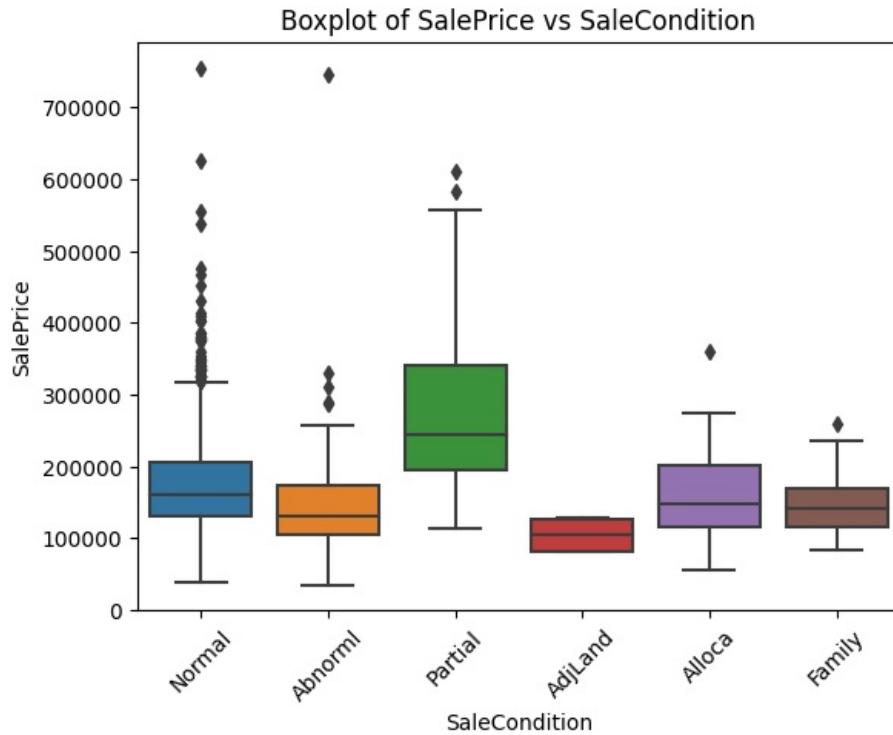
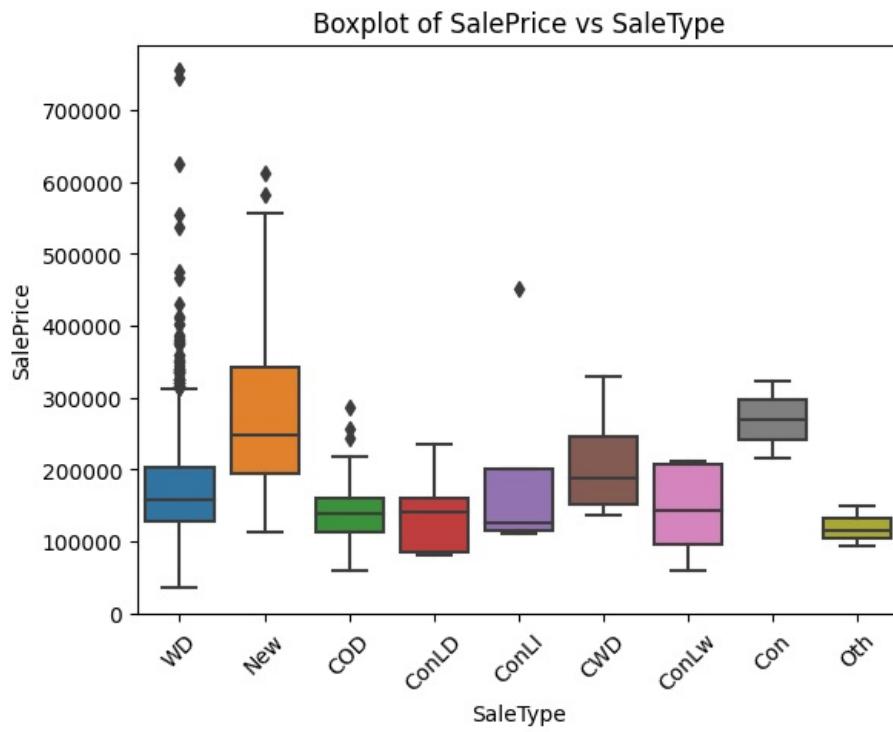


Boxplot of SalePrice vs GarageCond



Boxplot of SalePrice vs PavedDrive





Multivariate:

```
In [16]: # sns.pairplot(data,corner=True,kind='reg')
```

```
In [17]: plt.figure(figsize=(30,20))
sns.heatmap(df.corr(), annot=True, cbar=False, fmt='.{2f}')
```

```
Out[17]: <AxesSubplot:>
```

	Id	1.00	0.01	-0.01	-0.03	-0.03	0.01	-0.01	-0.02	-0.05	0.01	-0.01	-0.01	-0.02	0.01	0.01	-0.04	0.01	0.00	-0.02	0.01	0.01	0.04	0.00	0.03	-0.02	0.00	0.02	0.02	-0.03	0.00	0.00	-0.05	0.00	0.06	-0.01	0.02	0.00	-0.02	-0.08
MSSubClass	0.01	1.00	-0.39	-0.14	0.03	-0.06	0.03	0.04	0.02	-0.07	-0.14	0.24	-0.25	0.31	0.05	0.07	0.00	-0.00	0.13	0.18	-0.02	0.28	0.04	-0.05	0.09	-0.04	-0.10	-0.01	-0.01	-0.04	0.03	0.01	-0.01	-0.02	-0.08					
LotFrontage	-0.01	-0.39	1.00	0.43	0.25	-0.06	0.12	0.09	0.19	0.23	0.05	0.13	0.39	0.46	0.08	0.04	0.40	0.10	-0.01	0.20	0.05	0.26	-0.01	0.35	0.27	0.07	0.29	0.34	0.09	0.15	0.01	0.07	0.04	0.21	0.00	0.01	0.01	0.35		
LotArea	-0.03	0.14	0.43	1.00	0.11	-0.01	0.01	0.01	0.10	0.21	0.11	0.00	0.26	0.30	0.05	0.00	0.26	0.16	0.05	0.13	0.01	0.12	-0.02	0.19	0.27	-0.02	0.15	0.18	0.17	0.08	-0.02	0.02	0.04	0.08	0.04	0.00	-0.01	0.26		
OverallQual	-0.03	0.03	0.25	0.11	1.00	-0.09	0.57	0.55	0.41	0.24	-0.06	0.31	0.54	0.48	0.30	-0.03	0.59	0.11	-0.04	0.59	0.27	0.10	-0.18	0.43	0.40	0.55	0.60	0.56	0.24	0.31	-0.11	0.03	0.06	0.07	-0.03	0.07	-0.03	0.79		
OverallCond	0.01	-0.06	-0.06	-0.01	-0.09	1.00	-0.38	0.07	-0.13	-0.05	0.04	-0.14	-0.17	-0.14	0.03	0.03	-0.08	-0.05	0.12	-0.19	-0.06	0.01	-0.09	-0.06	-0.02	-0.32	-0.19	-0.15	-0.00	-0.03	0.07	0.03	0.05	-0.00	0.07	0.00	0.04	-0.08		
YearBuilt	-0.01	0.03	0.12	0.01	0.57	-0.38	1.00	0.59	0.32	0.25	-0.05	0.15	0.39	0.28	0.01	-0.18	0.20	0.19	-0.04	0.47	0.24	-0.07	0.17	0.10	0.15	0.83	0.34	0.48	0.22	0.19	-0.39	0.03	-0.05	0.00	-0.03	0.01	-0.01	0.52		
YearRemodAdd	-0.02	0.04	0.09	0.01	0.55	0.07	0.59	1.00	0.18	0.13	-0.07	0.18	0.29	0.24	0.14	-0.06	0.29	0.12	-0.01	0.44	0.18	-0.04	0.15	0.19	0.11	0.64	0.42	0.37	0.21	0.23	-0.19	0.05	0.04	0.01	-0.01	0.02	0.04	0.51		
MasVnrArea	-0.05	0.02	0.19	0.10	0.41	-0.13	0.32	0.18	1.00	0.26	-0.07	0.11	0.36	0.34	0.17	-0.07	0.39	0.09	0.03	0.28	0.20	0.10	0.04	0.28	0.25	0.25	0.36	0.37	0.16	0.13	-0.11	0.02	0.06	0.01	0.03	-0.01	0.48			
BsmntFinSF1	-0.01	-0.07	0.23	0.21	0.24	-0.05	0.25	0.13	0.26	1.00	-0.05	0.50	0.52	0.45	-0.14	-0.06	0.21	0.65	0.07	0.06	0.00	0.11	0.08	0.04	0.26	0.15	0.22	0.30	0.20	0.11	-0.10	0.03	0.06	0.14	0.00	-0.02	0.01	0.39		
BsmntFinSF2	-0.01	-0.07	0.05	0.11	-0.06	0.04	-0.05	-0.07	-0.07	0.05	1.00	-0.21	0.10	0.10	-0.10	0.01	-0.01	0.16	0.07	-0.08	-0.03	-0.02	-0.04	-0.04	0.05	-0.09	-0.04	-0.02	0.07	0.00	0.04	-0.03	0.00	-0.02	0.03	-0.01				
BsmntUnfSF	-0.01	-0.14	0.13	-0.00	0.31	-0.14	0.15	0.18	0.11	-0.50	-0.21	1.00	0.42	0.32	0.03	0.24	-0.42	-0.10	0.29	-0.04	0.17	0.03	0.25	0.05	0.19	0.21	0.18	-0.01	0.13	-0.00	0.02	-0.01	-0.04	0.02	0.03	-0.04	0.21			
TotalBsmtSF	-0.02	0.24	0.39	0.26	0.54	-0.17	0.39	0.29	0.36	0.52	0.10	0.42	1.00	0.82	-0.17	0.03	0.45	0.31	0.00	0.32	0.05	0.05	0.07	0.29	0.34	0.32	0.43	0.49	0.23	0.25	-0.10	0.04	0.08	0.13	-0.02	0.01	-0.01	0.61		
1stFlrSF	0.01	-0.25	0.46	0.30	0.48	-0.14	0.45	0.28	0.34	0.45	0.10	0.32	0.82	1.00	-0.20	-0.01	0.57	0.24	0.00	0.38	-0.12	0.13	0.07	0.41	0.41	0.23	0.44	0.49	0.24	0.21	-0.07	0.06	0.09	0.13	-0.02	0.03	-0.01	0.61		
2ndFlrSF	0.01	0.31	0.08	0.05	0.30	0.03	0.01	0.14	0.17	-0.14	-0.10	0.00	0.17	-0.20	1.00	0.06	0.69	-0.17	-0.02	0.42	0.61	0.50	0.06	0.62	0.19	0.07	0.18	0.14	0.09	0.21	0.06	-0.02	0.04	0.08	0.02	-0.05	0.32			
LowQualFinSF	-0.04	0.05	0.04	0.00	-0.03	0.03	-0.18	-0.06	-0.07	-0.06	0.01	0.03	-0.03	-0.01	0.06	1.00	0.13	-0.05	-0.01	-0.00	-0.03	0.11	0.01	0.13	-0.02	-0.04	-0.09	-0.07	-0.03	0.02	0.06	-0.00	0.03	0.06	-0.00	-0.02	-0.03	-0.03		
GrLivArea	0.01	0.07	0.40	0.26	0.59	-0.08	0.20	0.29	0.39	0.21	-0.01	0.24	0.57	0.69	0.13	1.00	0.03	-0.02	0.69	0.42	0.52	0.10	0.83	0.46	0.23	0.47	0.47	0.25	0.39	0.01	0.02	0.02	0.10	0.17	-0.00	0.05	-0.04	0.71		
BsmntFullBath	0.00	0.00	0.10	0.16	0.11	-0.05	0.19	0.12	0.09	0.65	0.16	0.42	0.31	0.11	0.24	-0.17	0.05	0.03	1.00	-0.06	-0.03	-0.15	-0.04	-0.05	0.14	0.12	0.13	0.18	0.18	0.08	0.00	-0.00	0.02	0.07	-0.02	0.03	0.07	0.23		
BsmntHalfBath	-0.02	0.00	0.00	0.05	0.04	0.12	-0.01	0.03	0.07	0.07	-0.10	0.00	0.00	-0.02	-0.01	0.02	-0.15	1.00	-0.05	0.01	0.05	0.04	-0.02	-0.03	0.08	-0.02	0.04	-0.03	0.01	0.04	0.03	0.02	-0.01	0.03	-0.05	-0.02	0.07			
FullBath	0.01	0.13	0.20	0.13	0.55	-0.19	0.47	0.44	0.28	0.06	-0.08	0.29	0.32	0.38	0.42	-0.00	0.63	-0.06	-0.05	1.00	0.14	0.36	0.13	0.55	0.24	0.48	0.47	0.41	0.19	0.26	-0.12	0.04	-0.01	0.05	-0.01	0.06	-0.02	0.56		
HalfBath	0.01	0.18	0.05	0.01	0.27	-0.06	0.24	0.18	0.20	0.00	-0.03	-0.04	0.05	-0.12	0.61	-0.03	0.42	-0.03	-0.01	0.14	1.00	0.23	-0.07	0.34	0.20	0.20	0.22	0.16	0.11	0.20	-0.10	0.00	0.07	0.02	0.00	-0.01	0.28			
Bathroom	-0.04	-0.02	0.26	0.12	0.10	0.01	-0.07	0.04	-0.10	0.01	-0.02	0.17	0.05	0.13	0.50	0.11	0.52	-0.15	0.05	0.36	0.23	0.10	0.20	0.68	0.11	-0.06	0.09	0.07	0.05	-0.02	0.04	0.07	0.01	0.05	-0.04	0.17				
KitchenAbvGr	0.00	0.28	-0.01	-0.02	0.18	-0.09	-0.17	-0.15	-0.04	0.08	-0.07	0.06	0.01	0.10	-0.04	-0.04	0.13	-0.07	0.20	1.00	0.26	0.12	-0.12	-0.05	-0.06	-0.09	-0.07	0.04	-0.02	0.05	0.01	0.03	-0.14							
TotalRmsAbvGrd	0.03	0.04	0.35	0.19	0.43	-0.06	0.10	0.19	0.28	0.04	-0.04	0.25	0.29	0.41	0.67	0.13	0.83	-0.05	-0.02	0.55	0.34	0.68	0.26	1.00	0.33	0.15	0.36	0.34	0.17	0.23	0.00	-0.01	0.06	0.08	0.02	0.04	-0.03	0.53		
Fireplaces	-0.02	0.05	0.27	0.27	0.40	-0.02	0.15	0.11	0.25	0.26	0.05	0.05	0.34	0.41	0.19	-0.02	0.46	0.14	0.03	0.24	0.20	0.11	0.12	0.33	1.00	0.05	0.30	0.27	0.20	0.17	-0.02	0.01	0.18	0.10	0.00	0.05	-0.02	0.47		
GarageCars	0.00	0.09	0.07	-0.02	0.55	-0.32	0.83	0.64	0.25	0.15	-0.09	0.19	0.32	0.23	0.07	-0.04	0.23	0.12	-0.08	0.48	0.20	-0.06	0.12	0.15	0.05	1.00	0.59	0.26	0.23	0.30	0.24	0.24	0.19	0.00	-0.01	0.03	0.01	-0.04	0.64	
GarageCars2	0.02	-0.04	0.29	0.15	0.66	-0.19	0.54	0.42	0.36	0.22	-0.04	0.21	0.43	0.44	0.18	-0.09	0.47	0.13	-0.02	0.47	0.22	0.09	0.05	0.36	0.30	0.59	1.00	0.88	0.23	0.21	-0.15	0.04	0.05	0.02	0.04	-0.04	0.04	-0.04	0.64	
GarageArea	0.02	-0.10	0.34	0.18	0.56	-0.15	0.48	0.37	0.37	0.30	-0.02	0.18	0.49	0.49	0.14	-0.07	0.47	0.18	-0.02	0.41	0.16	0.07	0.06	0.34	0.27	0.56	0.88	1.00	0.22	0.24	-0.12	0.04	0.05	0.06	0.03	0.03	-0.03	0.62		
WoodDeckSF	-0.03	-0.01	0.09	0.17	0.24	-0.00	0.22	0.21	0.16	0.20	-0.07	-0.01	0.23	0.24	0.09	-0.03	0.25	0.18	0.04	0.19	0.11	0.05	-0.09	0.17	0.20	0.22	0.23	1.00	0.06	-0.13	-0.03	0.07	0.07	-0.01	0.02	0.02	0.32			
OpenPorchSF	-0.00	-0.01	0.15	0.08	0.31	-0.03	0.19	0.23	0.13	0.11	0.00	0.13	0.25	0.21	0.21	0.02	0.33	0.07	-0.03	0.26	0.20	0.09	0.07	0.23	0.17	0.23	0.21	0.24	0.06	1.00	-0.09	0.01	0.07	0.06	-0.02	0.07	-0.06	0.32		
EnclosedPorch	0.00	-0.01	0.01	-0.11	0.07	-0.39	-0.19	-0.11																																

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-0.9430870525423785,
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-0.28978437303704513,
-0.8172098503255513,
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-0.552867725670214,
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-0.32628876167992504,
0.542263933616183,
0.02616740452719125,
-1.106727415424254,
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-0.5213984251160072,
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-0.899030031766489,
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0.051342844970556696,
-0.42195543536471375,
-0.18782383924141505,
-0.37663964256665594,
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-0.17523611901973232,
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-0.6661572076653586,

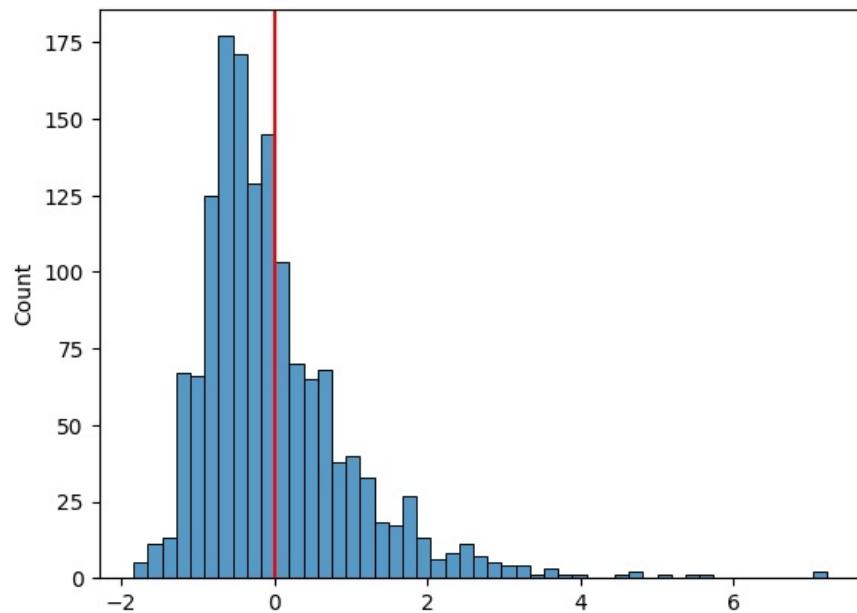
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-0.2948194611257182,
-0.07579312926843881,
-0.5025168447834831,
-0.340135253923776,
-0.12488523813300144,
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-0.7303545807959405,
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```
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0.2527463685174803,
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0.699610436387217,
0.5170884931728175,
0.2527463685174803,
-0.7983282699930272,
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0.11428144607897031,
0.768842897606472,
-1.2716265503282975,
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0.7990534261385105,
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-0.6535694874436758,
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-0.5918896583574305,
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-0.4521659638967523,
-0.7165080885520895,
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-0.7039203683304067,
-0.8046221301038685,
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0.17722004718738393,
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2.103141241104841,
-0.1626483987980496,
0.07651828541392215,
-0.08838084949012154,
1.970970178777172,
-0.746718617084128,
-0.5591615857810555,
0.051342844970556696,
-1.1319028558676194,
0.3156849696258939,
...]
```

In [23]: `sns.histplot(x=scaled)`

```
plt.axvline(x=pd.Series(scaled).mean(), color='red')
```

Out[23]: <matplotlib.lines.Line2D at 0x2da3a9fbc10>



In [24]: `df.isnull().sum()`

```
Out[24]: Id          0
MSSubClass      0
MSZoning        0
LotFrontage     259
LotArea         0
Street          0
LotShape         0
LandContour      0
Utilities        0
LotConfig        0
LandSlope        0
Neighborhood     0
Condition1      0
Condition2      0
BldgType         0
HouseStyle       0
OverallQual      0
OverallCond      0
YearBuilt        0
YearRemodAdd    0
RoofStyle        0
RoofMatl         0
Exterior1st      0
Exterior2nd      0
MasVnrType       8
MasVnrArea       8
ExterQual        0
ExterCond        0
Foundation       0
BsmtQual         37
BsmtCond         37
BsmtExposure     38
BsmtFinType1    37
BsmtFinSF1       0
BsmtFinType2    38
BsmtFinSF2       0
BsmtUnfSF        0
TotalBsmtSF      0
Heating          0
HeatingQC        0
CentralAir       0
Electrical       1
1stFlrSF         0
2ndFlrSF         0
LowQualFinSF     0
GrLivArea        0
BsmtFullBath     0
BsmtHalfBath     0
FullBath         0
HalfBath         0
BedroomAbvGr     0
KitchenAbvGr     0
KitchenQual      0
TotRmsAbvGrd     0
Functional       0
Fireplaces       0
GarageType       81
GarageYrBlt      81
GarageFinish     81
GarageCars        0
GarageArea        0
GarageQual       81
GarageCond       81
PavedDrive       0
WoodDeckSF       0
OpenPorchSF      0
EnclosedPorch     0
3SsnPorch        0
ScreenPorch      0
PoolArea         0
MiscVal          0
MoSold           0
YrSold           0
SaleType          0
SaleCondition     0
SalePrice         0
dtype: int64
```

```
In [25]: df.info()
```

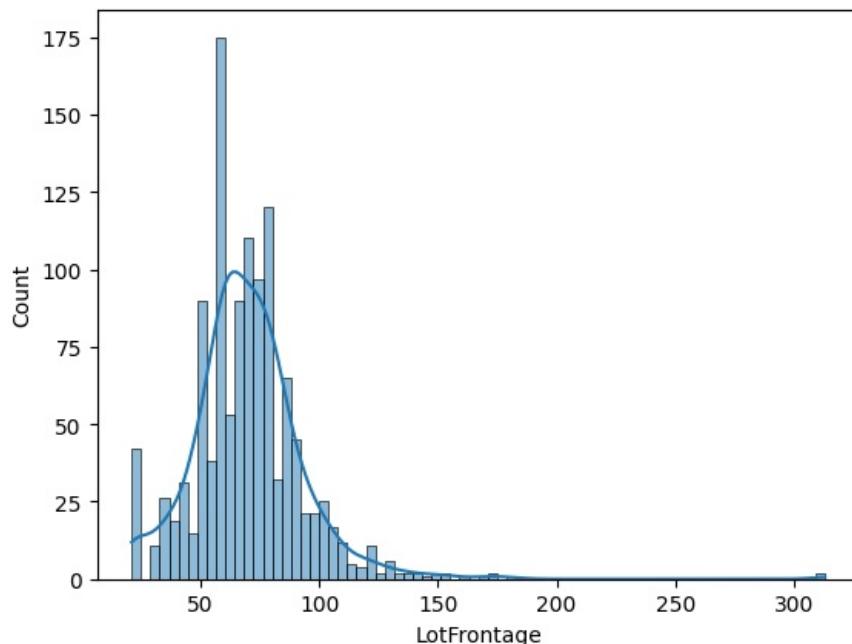
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1460 entries, 0 to 1459
Data columns (total 76 columns):
```

#	Column	Non-Null Count	Dtype	
0	Id	1460	non-null	int64
1	MSSubClass	1460	non-null	int64
2	MSZoning	1460	non-null	object
3	LotFrontage	1201	non-null	float64
4	LotArea	1460	non-null	int64
5	Street	1460	non-null	object
6	LotShape	1460	non-null	object
7	LandContour	1460	non-null	object
8	Utilities	1460	non-null	object
9	LotConfig	1460	non-null	object
10	LandSlope	1460	non-null	object
11	Neighborhood	1460	non-null	object
12	Condition1	1460	non-null	object
13	Condition2	1460	non-null	object
14	BldgType	1460	non-null	object
15	HouseStyle	1460	non-null	object
16	OverallQual	1460	non-null	int64
17	OverallCond	1460	non-null	int64
18	YearBuilt	1460	non-null	int64
19	YearRemodAdd	1460	non-null	int64
20	RoofStyle	1460	non-null	object
21	RoofMatl	1460	non-null	object
22	Exterior1st	1460	non-null	object
23	Exterior2nd	1460	non-null	object
24	MasVnrType	1452	non-null	object
25	MasVnrArea	1452	non-null	float64
26	ExterQual	1460	non-null	object
27	ExterCond	1460	non-null	object
28	Foundation	1460	non-null	object
29	BsmtQual	1423	non-null	object
30	BsmtCond	1423	non-null	object
31	BsmtExposure	1422	non-null	object
32	BsmtFinType1	1423	non-null	object
33	BsmtFinSF1	1460	non-null	int64
34	BsmtFinType2	1422	non-null	object
35	BsmtFinSF2	1460	non-null	int64
36	BsmtUnfSF	1460	non-null	int64
37	TotalBsmtSF	1460	non-null	int64
38	Heating	1460	non-null	object
39	HeatingQC	1460	non-null	object
40	CentralAir	1460	non-null	object
41	Electrical	1459	non-null	object
42	1stFlrSF	1460	non-null	int64
43	2ndFlrSF	1460	non-null	int64
44	LowQualFinSF	1460	non-null	int64
45	GrLivArea	1460	non-null	int64
46	BsmtFullBath	1460	non-null	int64
47	BsmtHalfBath	1460	non-null	int64
48	FullBath	1460	non-null	int64
49	HalfBath	1460	non-null	int64
50	BedroomAbvGr	1460	non-null	int64
51	KitchenAbvGr	1460	non-null	int64
52	KitchenQual	1460	non-null	object
53	TotRmsAbvGrd	1460	non-null	int64
54	Functional	1460	non-null	object
55	Fireplaces	1460	non-null	int64
56	GarageType	1379	non-null	object
57	GarageYrBlt	1379	non-null	float64
58	GarageFinish	1379	non-null	object
59	GarageCars	1460	non-null	int64
60	GarageArea	1460	non-null	int64
61	GarageQual	1379	non-null	object
62	GarageCond	1379	non-null	object
63	PavedDrive	1460	non-null	object
64	WoodDeckSF	1460	non-null	int64
65	OpenPorchSF	1460	non-null	int64
66	EnclosedPorch	1460	non-null	int64
67	3SsnPorch	1460	non-null	int64
68	ScreenPorch	1460	non-null	int64
69	PoolArea	1460	non-null	int64
70	MiscVal	1460	non-null	int64
71	MoSold	1460	non-null	int64
72	YrSold	1460	non-null	int64
73	SaleType	1460	non-null	object
74	SaleCondition	1460	non-null	object
75	SalePrice	1460	non-null	int64

dtypes: float64(3), int64(35), object(38)
memory usage: 867.0+ KB

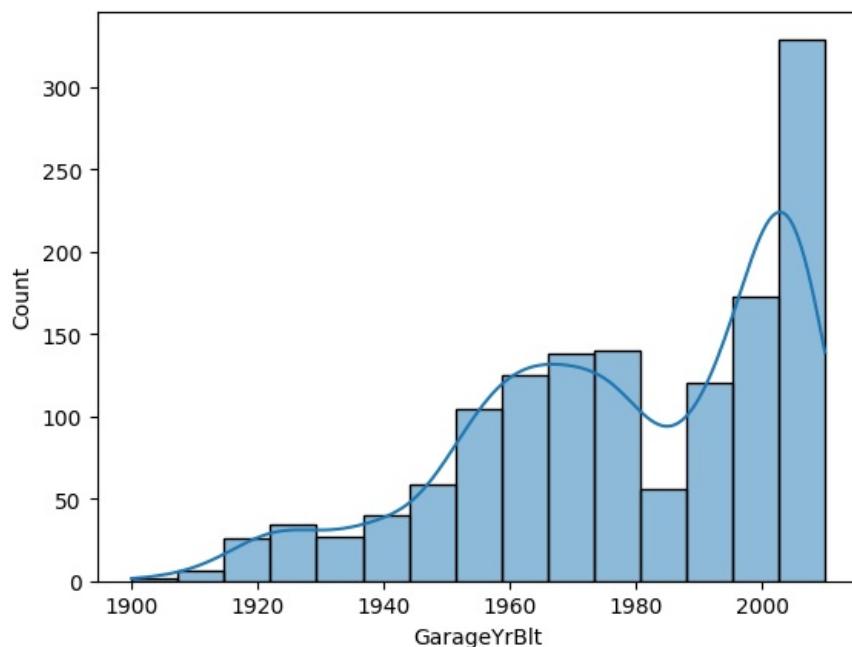
In [26]: sns.histplot(x=df['LotFrontage'], kde=True)

```
Out[26]: <AxesSubplot:xlabel='LotFrontage', ylabel='Count'>
```



```
In [27]: sns.histplot(x=df['GarageYrBlt'], kde=True)
```

```
Out[27]: <AxesSubplot:xlabel='GarageYrBlt', ylabel='Count'>
```



```
In [28]: for col in df.select_dtypes(exclude='object'):
    df[col]=df[col].replace(np.NaN,df[col].median())
```

```
In [29]: for col in df.select_dtypes(include='object'):
    df[col]=df[col].replace(np.NaN,df[col].mode()[0])
```

```
In [30]: df.isnull().sum()
```

```
Out[30]: Id          0  
MSSubClass      0  
MSZoning        0  
LotFrontage     0  
LotArea         0  
Street          0  
LotShape         0  
LandContour     0  
Utilities        0  
LotConfig        0  
LandSlope        0  
Neighborhood     0  
Condition1      0  
Condition2      0  
BldgType         0  
HouseStyle       0  
OverallQual      0  
OverallCond      0  
YearBuilt        0  
YearRemodAdd    0  
RoofStyle        0  
RoofMatl         0  
Exterior1st      0  
Exterior2nd      0  
MasVnrType       0  
MasVnrArea       0  
ExterQual        0  
ExterCond        0  
Foundation       0  
BsmtQual         0  
BsmtCond         0  
BsmtExposure     0  
BsmtFinType1     0  
BsmtFinSF1       0  
BsmtFinType2     0  
BsmtFinSF2       0  
BsmtUnfSF        0  
TotalBsmtSF      0  
Heating          0  
HeatingQC        0  
CentralAir        0  
Electrical        0  
1stFlrSF         0  
2ndFlrSF         0  
LowQualFinSF     0  
GrLivArea        0  
BsmtFullBath     0  
BsmtHalfBath     0  
FullBath          0  
HalfBath          0  
BedroomAbvGr     0  
KitchenAbvGr     0  
KitchenQual       0  
TotRmsAbvGrd     0  
Functional        0  
Fireplaces        0  
GarageType        0  
GarageYrBlt      0  
GarageFinish      0  
GarageCars        0  
GarageArea        0  
GarageQual        0  
GarageCond        0  
PavedDrive        0  
WoodDeckSF        0  
OpenPorchSF       0  
EnclosedPorch     0  
3SsnPorch         0  
ScreenPorch       0  
PoolArea          0  
MiscVal           0  
MoSold            0  
YrSold            0  
SaleType          0  
SaleCondition     0  
SalePrice          0  
dtype: int64
```

Data encoding:

```
In [31]: for col in df.select_dtypes(include='object'):  
    df[col]=pd.Categorical(df[col]).codes
```

In [32]: df.info()

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1460 entries, 0 to 1459
Data columns (total 76 columns):
 #   Column            Non-Null Count  Dtype  
--- 
 0   Id                1460 non-null    int64  
 1   MSSubClass         1460 non-null    int64  
 2   MSZoning          1460 non-null    int8   
 3   LotFrontage        1460 non-null    float64 
 4   LotArea            1460 non-null    int64  
 5   Street             1460 non-null    int8   
 6   LotShape           1460 non-null    int8   
 7   LandContour        1460 non-null    int8   
 8   Utilities          1460 non-null    int8   
 9   LotConfig          1460 non-null    int8   
 10  LandSlope          1460 non-null    int8   
 11  Neighborhood       1460 non-null    int8   
 12  Condition1         1460 non-null    int8   
 13  Condition2         1460 non-null    int8   
 14  BldgType           1460 non-null    int8   
 15  HouseStyle         1460 non-null    int8   
 16  OverallQual        1460 non-null    int64  
 17  OverallCond        1460 non-null    int64  
 18  YearBuilt          1460 non-null    int64  
 19  YearRemodAdd       1460 non-null    int64  
 20  RoofStyle          1460 non-null    int8   
 21  RoofMatl           1460 non-null    int8   
 22  Exterior1st         1460 non-null    int8   
 23  Exterior2nd         1460 non-null    int8   
 24  MasVnrType         1460 non-null    int8   
 25  MasVnrArea          1460 non-null    float64 
 26  ExterQual          1460 non-null    int8   
 27  ExterCond          1460 non-null    int8   
 28  Foundation          1460 non-null    int8   
 29  BsmtQual           1460 non-null    int8   
 30  BsmtCond           1460 non-null    int8   
 31  BsmtExposure        1460 non-null    int8   
 32  BsmtFinType1        1460 non-null    int8   
 33  BsmtFinSF1          1460 non-null    int64  
 34  BsmtFinType2        1460 non-null    int8   
 35  BsmtFinSF2          1460 non-null    int64  
 36  BsmtUnfSF           1460 non-null    int64  
 37  TotalBsmtSF         1460 non-null    int64  
 38  Heating              1460 non-null    int8   
 39  HeatingQC            1460 non-null    int8   
 40  CentralAir           1460 non-null    int8   
 41  Electrical           1460 non-null    int8   
 42  1stFlrSF             1460 non-null    int64  
 43  2ndFlrSF             1460 non-null    int64  
 44  LowQualFinSF         1460 non-null    int64  
 45  GrLivArea            1460 non-null    int64  
 46  BsmtFullBath         1460 non-null    int64  
 47  BsmtHalfBath         1460 non-null    int64  
 48  FullBath             1460 non-null    int64  
 49  HalfBath             1460 non-null    int64  
 50  BedroomAbvGr          1460 non-null    int64  
 51  KitchenAbvGr          1460 non-null    int64  
 52  KitchenQual           1460 non-null    int8   
 53  TotRmsAbvGrd          1460 non-null    int64  
 54  Functional            1460 non-null    int8   
 55  Fireplaces            1460 non-null    int64  
 56  GarageType            1460 non-null    int8   
 57  GarageYrBlt           1460 non-null    float64 
 58  GarageFinish           1460 non-null    int8   
 59  GarageCars             1460 non-null    int64  
 60  GarageArea             1460 non-null    int64  
 61  GarageQual            1460 non-null    int8   
 62  GarageCond            1460 non-null    int8   
 63  PavedDrive            1460 non-null    int8   
 64  WoodDeckSF             1460 non-null    int64  
 65  OpenPorchSF            1460 non-null    int64  
 66  EnclosedPorch          1460 non-null    int64  
 67  3SsnPorch             1460 non-null    int64  
 68  ScreenPorch            1460 non-null    int64  
 69  PoolArea               1460 non-null    int64  
 70  MiscVal                1460 non-null    int64  
 71  MoSold                 1460 non-null    int64  
 72  YrSold                 1460 non-null    int64  
 73  SaleType                1460 non-null    int8   
 74  SaleCondition           1460 non-null    int8   
 75  SalePrice               1460 non-null    int64  
dtypes: float64(3), int64(35), int8(38)
memory usage: 487.7 KB
```

In [33]:

df

Out[33]:

	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood	C
0	1	60	3	65.0	8450	1	3	3	0	4	0	5	
1	2	20	3	80.0	9600	1	3	3	0	2	0	24	
2	3	60	3	68.0	11250	1	0	3	0	4	0	5	
3	4	70	3	60.0	9550	1	0	3	0	0	0	6	
4	5	60	3	84.0	14260	1	0	3	0	2	0	15	
5	6	50	3	85.0	14115	1	0	3	0	4	0	11	
6	7	20	3	75.0	10084	1	3	3	0	4	0	21	
7	8	60	3	69.0	10382	1	0	3	0	0	0	14	
8	9	50	4	51.0	6120	1	3	3	0	4	0	17	
9	10	190	3	50.0	7420	1	3	3	0	0	0	3	
10	11	20	3	70.0	11200	1	3	3	0	4	0	19	
11	12	60	3	85.0	11924	1	0	3	0	4	0	16	
12	13	20	3	69.0	12968	1	1	3	0	4	0	19	
13	14	20	3	91.0	10652	1	0	3	0	4	0	5	
14	15	20	3	69.0	10920	1	0	3	0	0	0	12	
15	16	45	4	51.0	6120	1	3	3	0	0	0	3	
16	17	20	3	69.0	11241	1	0	3	0	1	0	12	
17	18	90	3	72.0	10791	1	3	3	0	4	0	19	
18	19	20	3	66.0	13695	1	3	3	0	4	0	20	
19	20	20	3	70.0	7560	1	3	3	0	4	0	12	
20	21	60	3	101.0	14215	1	0	3	0	0	0	16	
21	22	45	4	57.0	7449	1	3	0	0	4	0	9	
22	23	20	3	75.0	9742	1	3	3	0	4	0	5	
23	24	120	4	44.0	4224	1	3	3	0	4	0	10	
24	25	20	3	69.0	8246	1	0	3	0	4	0	19	
25	26	20	3	110.0	14230	1	3	3	0	0	0	16	
26	27	20	3	60.0	7200	1	3	3	0	0	0	12	
27	28	20	3	98.0	11478	1	3	3	0	4	0	16	
28	29	20	3	47.0	16321	1	0	3	0	1	0	12	
29	30	30	4	60.0	6324	1	0	3	0	4	0	3	
30	31	70	0	50.0	8500	1	3	3	0	4	0	9	
31	32	20	3	69.0	8544	1	0	3	0	1	0	19	
32	33	20	3	85.0	11049	1	3	3	0	0	0	5	
33	34	20	3	70.0	10552	1	0	3	0	4	0	12	
34	35	120	3	60.0	7313	1	3	3	0	4	0	16	
35	36	60	3	108.0	13418	1	3	3	0	4	0	16	
36	37	20	3	112.0	10859	1	3	3	0	0	0	5	
37	38	20	3	74.0	8532	1	3	3	0	4	0	12	
38	39	20	3	68.0	7922	1	3	3	0	4	0	12	
39	40	90	3	65.0	6040	1	3	3	0	4	0	7	
40	41	20	3	84.0	8658	1	3	3	0	4	0	12	
41	42	20	3	115.0	16905	1	3	3	0	4	0	23	
42	43	85	3	69.0	9180	1	0	3	0	1	0	20	
43	44	20	3	69.0	9200	1	0	3	0	1	0	5	
44	45	20	3	70.0	7945	1	3	3	0	4	0	12	
45	46	120	3	61.0	7658	1	3	3	0	4	0	16	
46	47	50	3	48.0	12822	1	0	3	0	1	0	11	
47	48	20	1	84.0	11096	1	3	3	0	4	0	21	
48	49	190	4	33.0	4456	1	3	3	0	4	0	17	
49	50	20	3	66.0	7742	1	3	3	0	4	0	19	
50	51	60	3	69.0	13869	1	1	3	0	0	0	8	
51	52	50	4	52.0	6240	1	3	3	0	4	0	3	

52	53	90	4	110.0	8472	0	1	0	0	0	1	9
53	54	20	3	68.0	50271	1	0	2	0	4	0	24
54	55	80	3	60.0	7134	1	3	0	0	4	1	12
55	56	20	3	100.0	10175	1	0	3	0	4	0	12
56	57	160	1	24.0	2645	1	3	3	0	4	0	21
57	58	60	3	89.0	11645	1	0	3	0	0	0	5
58	59	60	3	66.0	13682	1	1	1	0	1	0	22
59	60	20	3	60.0	7200	1	3	0	0	4	0	5
60	61	20	3	63.0	13072	1	3	3	0	4	0	20
61	62	75	4	60.0	7200	1	3	3	0	4	0	9
62	63	120	3	44.0	6442	1	0	3	0	4	0	16
63	64	70	4	50.0	10300	1	0	0	0	4	0	17
64	65	60	3	69.0	9375	1	3	3	0	4	0	5
65	66	60	3	76.0	9591	1	3	3	0	4	0	16
66	67	20	3	69.0	19900	1	3	3	0	4	0	12
67	68	20	3	72.0	10665	1	0	3	0	4	0	5
68	69	30	4	47.0	4608	1	3	3	0	0	0	17
69	70	50	3	81.0	15593	1	3	3	0	0	0	4
70	71	20	3	95.0	13651	1	0	3	0	4	0	12
71	72	20	3	69.0	7599	1	3	3	0	0	0	11
72	73	60	3	74.0	10141	1	0	3	0	0	0	8
73	74	20	3	85.0	10200	1	3	3	0	4	0	12
74	75	50	4	60.0	5790	1	3	3	0	0	0	17
75	76	180	4	21.0	1596	1	3	3	0	4	0	10
76	77	20	3	69.0	8475	1	0	3	0	4	0	12
77	78	50	4	50.0	8635	1	3	3	0	4	0	3
78	79	90	3	72.0	10778	1	3	3	0	4	0	19
79	80	50	4	60.0	10440	1	3	3	0	0	0	17
80	81	60	3	100.0	13000	1	3	3	0	0	0	12
81	82	120	4	32.0	4500	1	3	3	0	2	0	11
82	83	20	3	78.0	10206	1	3	3	0	4	0	21
83	84	20	3	80.0	8892	1	0	3	0	4	0	12
84	85	80	3	69.0	8530	1	0	3	0	4	0	8
85	86	60	3	121.0	16059	1	3	3	0	0	0	15
86	87	60	3	122.0	11911	1	1	3	0	4	0	8
87	88	160	1	40.0	3951	1	3	3	0	0	0	21
88	89	50	0	105.0	8470	1	0	3	0	0	0	9
89	90	20	3	60.0	8070	1	3	3	0	4	0	5
90	91	20	3	60.0	7200	1	3	3	0	4	0	12
91	92	20	3	85.0	8500	1	3	3	0	4	0	12
92	93	30	3	80.0	13360	1	0	1	0	4	0	6
93	94	190	0	60.0	7200	1	3	3	0	0	0	17
94	95	60	3	69.0	9337	1	0	3	0	4	0	5
95	96	60	3	69.0	9765	1	1	3	0	0	0	8
96	97	20	3	78.0	10264	1	0	3	0	4	0	5
97	98	20	3	73.0	10921	1	3	1	0	4	0	7
98	99	30	3	85.0	10625	1	3	3	0	0	0	7
99	100	20	3	77.0	9320	1	0	3	0	4	0	12
100	101	20	3	69.0	10603	1	0	3	0	4	0	14
101	102	60	3	77.0	9206	1	3	3	0	4	0	20
102	103	90	3	64.0	7018	1	3	0	0	4	0	20
103	104	20	3	94.0	10402	1	0	3	0	0	0	5
104	105	50	4	69.0	7758	1	3	3	0	0	0	9
105	106	60	1	75.0	9375	1	3	3	0	4	0	21
106	107	30	4	60.0	10800	1	3	3	0	4	0	17

107	108	20	4	50.0	6000	1	3	3	0	4	0	17
108	109	50	4	85.0	8500	1	3	3	0	0	0	9
109	110	20	3	105.0	11751	1	0	3	0	4	0	14
110	111	50	3	75.0	9525	1	3	3	0	4	0	7
111	112	80	3	69.0	7750	1	0	3	0	4	0	8
112	113	60	3	77.0	9965	1	3	3	0	4	0	5
113	114	20	3	69.0	21000	1	3	0	0	0	0	6
114	115	70	3	61.0	7259	1	0	3	0	4	1	6
115	116	160	1	34.0	3230	1	3	3	0	0	0	21
116	117	20	3	69.0	11616	1	3	3	0	4	0	19
117	118	20	3	74.0	8536	1	3	3	0	0	0	7
118	119	60	3	90.0	12376	1	3	3	0	0	0	20
119	120	60	3	65.0	8461	1	3	3	0	4	0	5
120	121	80	3	69.0	21453	1	0	2	0	1	2	4
121	122	50	4	50.0	6060	1	3	3	0	4	0	9
122	123	20	3	75.0	9464	1	3	3	0	0	0	12
123	124	120	3	55.0	7892	1	3	3	0	4	0	20
124	125	20	3	48.0	17043	1	0	3	0	1	0	14
125	126	190	4	60.0	6780	1	3	3	0	4	0	9
126	127	120	3	69.0	4928	1	0	3	0	4	0	13
127	128	45	4	55.0	4388	1	0	0	0	4	0	17
128	129	60	3	69.0	7590	1	3	3	0	4	0	12
129	130	20	3	69.0	8973	1	3	3	0	4	0	12
130	131	60	3	88.0	14200	1	3	3	0	0	0	12
131	132	60	3	69.0	12224	1	0	3	0	0	0	8
132	133	20	3	75.0	7388	1	3	3	0	0	0	12
133	134	20	3	69.0	6853	1	0	3	0	4	0	23
134	135	20	3	78.0	10335	1	0	3	0	4	0	19
135	136	20	3	80.0	10400	1	3	3	0	4	0	14
136	137	20	3	69.0	10355	1	0	3	0	0	0	12
137	138	90	3	82.0	11070	1	3	3	0	4	0	11
138	139	60	3	73.0	9066	1	0	3	0	4	0	5
139	140	60	3	65.0	15426	1	0	3	0	4	0	5
140	141	20	3	70.0	10500	1	3	3	0	2	0	12
141	142	20	3	78.0	11645	1	3	3	0	4	0	5
142	143	50	3	71.0	8520	1	3	3	0	0	0	12
143	144	20	3	78.0	10335	1	0	3	0	4	0	5
144	145	90	4	70.0	9100	1	3	3	0	4	0	19
145	146	160	4	24.0	2522	1	3	3	0	4	0	7
146	147	30	4	51.0	6120	1	3	3	0	0	0	3
147	148	60	3	69.0	9505	1	0	3	0	1	0	8
148	149	20	3	63.0	7500	1	3	3	0	4	0	20
149	150	50	4	69.0	6240	1	3	3	0	4	0	3
150	151	20	3	120.0	10356	1	3	3	0	0	0	5
151	152	20	3	107.0	13891	1	3	3	0	4	0	16
152	153	60	3	69.0	14803	1	0	3	0	1	0	14
153	154	20	3	69.0	13500	1	3	3	0	4	0	4
154	155	30	4	84.0	11340	1	3	3	0	0	0	17
155	156	50	3	60.0	9600	1	3	3	0	0	0	7
156	157	20	3	60.0	7200	1	3	3	0	4	0	12
157	158	60	3	92.0	12003	1	3	3	0	0	0	23
158	159	60	1	100.0	12552	1	3	3	0	0	0	21
159	160	60	3	134.0	19378	1	0	1	0	0	0	8
160	161	20	3	69.0	11120	1	0	3	0	1	0	24
161	162	60	3	110.0	13688	1	0	3	0	4	0	16

162	163	20	3	95.0	12182	1	3	3	0	0	0	16
163	164	45	3	55.0	5500	1	3	3	0	4	0	17
164	165	40	4	40.0	5400	1	3	3	0	0	0	17
165	166	190	3	62.0	10106	1	3	3	0	4	0	7
166	167	20	3	69.0	10708	1	0	3	0	4	0	4
167	168	60	3	86.0	10562	1	3	3	0	4	0	16
168	169	60	3	62.0	8244	1	0	3	0	4	0	8
169	170	20	3	69.0	16669	1	0	3	0	0	0	23
170	171	50	4	69.0	12358	1	0	3	0	4	0	17
171	172	20	3	141.0	31770	1	0	3	0	0	0	12
172	173	160	3	44.0	5306	1	0	3	0	4	0	22
173	174	20	3	80.0	10197	1	0	3	0	4	0	12
174	175	20	3	47.0	12416	1	0	3	0	4	0	23
175	176	20	3	84.0	12615	1	3	3	0	0	0	7
176	177	60	3	97.0	10029	1	0	3	0	0	0	4
177	178	50	3	69.0	13650	1	3	3	0	4	0	19
178	179	20	3	63.0	17423	1	0	3	0	1	0	22
179	180	30	4	60.0	8520	1	3	3	0	4	0	17
180	181	160	1	69.0	2117	1	3	3	0	4	0	21
181	182	70	3	54.0	7588	1	3	3	0	4	0	6
182	183	20	3	60.0	9060	1	3	3	0	4	0	7
183	184	50	4	63.0	11426	1	3	3	0	4	0	17
184	185	50	3	92.0	7438	1	0	3	0	4	0	3
185	186	75	4	90.0	22950	1	1	3	0	4	0	17
186	187	80	3	69.0	9947	1	0	3	0	1	0	11
187	188	50	3	60.0	10410	1	3	3	0	4	0	17
188	189	90	3	64.0	7018	1	3	0	0	4	0	20
189	190	120	3	41.0	4923	1	3	3	0	4	0	22
190	191	70	3	70.0	10570	1	3	0	0	4	1	6
191	192	60	3	69.0	7472	1	0	3	0	1	0	12
192	193	20	3	68.0	9017	1	0	3	0	4	0	5
193	194	160	4	24.0	2522	1	3	3	0	4	0	7
194	195	20	3	60.0	7180	1	0	3	0	4	0	5
195	196	160	3	24.0	2280	1	3	3	0	2	0	13
196	197	20	3	79.0	9416	1	3	3	0	4	0	21
197	198	75	3	174.0	25419	1	3	3	0	0	0	12
198	199	75	4	92.0	5520	1	3	3	0	0	0	17
199	200	20	3	76.0	9591	1	3	3	0	4	0	16
200	201	20	4	80.0	8546	1	3	3	0	0	0	7
201	202	20	3	75.0	10125	1	3	3	0	4	0	11
202	203	50	3	50.0	7000	1	3	3	0	0	0	17
203	204	120	4	69.0	4438	1	3	3	0	4	0	5
204	205	50	4	50.0	3500	1	3	3	0	4	0	17
205	206	20	3	99.0	11851	1	3	3	0	0	0	8
206	207	20	3	40.0	13673	1	0	3	0	1	0	19
207	208	20	3	69.0	12493	1	0	3	0	4	0	12
208	209	60	3	69.0	14364	1	0	2	0	4	1	20
209	210	20	3	75.0	8250	1	3	3	0	4	0	12
210	211	30	3	67.0	5604	1	3	3	0	4	0	7
211	212	20	3	83.0	10420	1	3	3	0	0	0	7
212	213	60	1	72.0	8640	1	3	3	0	4	0	21
213	214	20	3	43.0	13568	1	1	3	0	1	0	5
214	215	60	3	69.0	10900	1	0	3	0	2	0	5
215	216	20	3	72.0	10011	1	0	3	0	4	0	12
216	217	20	3	65.0	8450	1	3	3	0	4	0	5

217	218	70	4	57.0	9906	1	3	3	0	4	0	17
218	219	50	3	69.0	15660	1	0	3	0	0	0	6
219	220	120	3	43.0	3010	1	3	3	0	4	0	0
220	221	20	3	73.0	8990	1	0	3	0	4	0	5
221	222	60	3	69.0	8068	1	0	3	0	4	0	8
222	223	60	3	85.0	11475	1	3	3	0	4	0	14
223	224	20	3	70.0	10500	1	3	3	0	2	0	12
224	225	20	3	103.0	13472	1	3	3	0	4	0	16
225	226	160	4	21.0	1680	1	3	3	0	4	0	2
226	227	60	3	82.0	9950	1	0	3	0	4	0	15
227	228	160	4	21.0	1869	1	3	3	0	4	0	2
228	229	20	3	70.0	8521	1	3	3	0	2	0	19
229	230	120	3	43.0	3182	1	3	3	0	4	0	0
230	231	20	3	73.0	8760	1	3	3	0	4	0	12
231	232	60	3	174.0	15138	1	0	3	0	4	0	15
232	233	160	4	21.0	1680	1	3	3	0	4	0	2
233	234	20	3	75.0	10650	1	3	3	0	0	0	5
234	235	60	3	69.0	7851	1	3	3	0	4	0	8
235	236	160	4	21.0	1680	1	3	3	0	4	0	2
236	237	20	3	65.0	8773	1	3	3	0	2	0	5
237	238	60	3	69.0	9453	1	0	3	0	1	0	20
238	239	20	3	93.0	12030	1	3	3	0	4	0	16
239	240	50	3	52.0	8741	1	3	3	0	4	0	7
240	241	20	1	75.0	9000	1	3	3	0	4	0	21
241	242	30	4	40.0	3880	1	3	3	0	4	0	17
242	243	50	4	63.0	5000	1	3	3	0	0	0	17
243	244	160	3	75.0	10762	1	3	3	0	0	0	20
244	245	60	3	69.0	8880	1	0	3	0	4	0	20
245	246	20	3	80.0	10400	1	3	3	0	4	0	14
246	247	190	4	69.0	9142	1	3	3	0	4	0	17
247	248	20	3	75.0	11310	1	3	3	0	4	0	12
248	249	60	3	72.0	11317	1	3	3	0	4	0	5
249	250	50	3	69.0	159000	1	1	2	0	1	2	4
250	251	30	3	55.0	5350	1	0	3	0	4	0	3
251	252	120	4	44.0	4750	1	0	1	0	4	1	6
252	253	60	3	65.0	8366	1	0	3	0	4	0	20
253	254	80	3	85.0	9350	1	3	3	0	4	0	12
254	255	20	3	70.0	8400	1	3	3	0	4	0	12
255	256	60	3	66.0	8738	1	0	3	0	4	0	8
256	257	60	1	64.0	8791	1	0	3	0	4	0	21
257	258	20	3	68.0	8814	1	3	3	0	4	0	5
258	259	60	3	80.0	12435	1	3	3	0	4	0	5
259	260	20	4	70.0	12702	1	3	3	0	4	0	17
260	261	80	3	120.0	19296	1	3	3	0	0	0	12
261	262	60	3	69.0	9588	1	0	3	0	4	0	5
262	263	80	3	88.0	8471	1	0	3	0	0	0	19
263	264	50	4	50.0	5500	1	3	3	0	0	0	17
264	265	30	4	30.0	5232	1	2	0	0	4	0	17
265	266	20	3	78.0	12090	1	0	3	0	4	0	14
266	267	60	3	70.0	11207	1	0	1	0	2	0	8
267	268	75	3	60.0	8400	1	3	0	0	4	1	18
268	269	30	4	71.0	6900	1	3	3	0	4	0	9
269	270	20	3	69.0	7917	1	0	3	0	0	0	7
270	271	60	1	84.0	10728	1	3	3	0	4	0	21

271	272	20	3	73.0	39104	1	0	2	0	1	2	4
272	273	60	3	92.0	11764	1	0	3	0	1	0	15
273	274	20	3	80.0	9600	1	3	3	0	4	0	12
274	275	20	3	76.0	8314	1	3	3	0	0	0	11
275	276	50	3	55.0	7264	1	3	3	0	4	0	3
276	277	20	3	129.0	9196	1	0	3	0	4	0	11
277	278	20	3	140.0	19138	1	3	3	0	0	0	8
278	279	20	3	107.0	14450	1	3	3	0	4	0	16
279	280	60	3	83.0	10005	1	3	3	0	4	0	4
280	281	60	3	82.0	11287	1	3	3	0	4	0	20
281	282	20	1	60.0	7200	1	3	3	0	4	0	21
282	283	120	3	34.0	5063	1	3	3	0	4	0	16
283	284	20	3	74.0	9612	1	3	3	0	4	0	21
284	285	120	3	50.0	8012	1	3	3	0	4	0	20
285	286	160	1	35.0	4251	1	0	3	0	4	0	21
286	287	50	3	77.0	9786	1	0	0	0	4	0	12
287	288	20	3	69.0	8125	1	0	3	0	0	0	12
288	289	20	3	69.0	9819	1	0	3	0	4	0	19
289	290	70	3	60.0	8730	1	3	3	0	4	0	3
290	291	60	3	120.0	15611	1	3	3	0	4	0	5
291	292	190	3	55.0	5687	1	3	0	0	4	0	18
292	293	50	3	60.0	11409	1	3	3	0	4	0	7
293	294	60	3	69.0	16659	1	0	3	0	0	0	14
294	295	20	3	80.0	9600	1	3	3	0	4	0	12
295	296	80	3	37.0	7937	1	0	3	0	1	0	11
296	297	50	4	75.0	13710	1	3	3	0	4	0	9
297	298	60	1	66.0	7399	1	0	3	0	4	0	21
298	299	60	3	90.0	11700	1	3	3	0	4	0	14
299	300	20	3	80.0	14000	1	3	3	0	4	0	6
300	301	190	3	90.0	15750	1	3	3	0	0	0	6
301	302	60	3	66.0	16226	1	2	3	0	4	0	5
302	303	20	3	118.0	13704	1	0	3	0	0	0	5
303	304	20	3	70.0	9800	1	3	3	0	0	0	5
304	305	75	4	87.0	18386	1	3	3	0	4	0	17
305	306	20	3	80.0	10386	1	3	3	0	4	0	5
306	307	60	3	116.0	13474	1	3	3	0	4	0	20
307	308	50	4	69.0	7920	1	0	3	0	4	0	9
308	309	30	3	69.0	12342	1	0	3	0	4	0	7
309	310	20	3	90.0	12378	1	0	3	0	4	0	16
310	311	60	3	69.0	7685	1	0	3	0	4	0	8
311	312	20	3	50.0	8000	1	3	3	0	4	0	12
312	313	190	4	65.0	7800	1	3	3	0	4	0	17
313	314	20	3	150.0	215245	1	2	2	0	4	2	23
314	315	70	4	60.0	9600	1	3	3	0	4	0	17
315	316	60	3	71.0	7795	1	0	3	0	4	0	8
316	317	60	3	94.0	13005	1	0	3	0	0	0	14
317	318	60	1	75.0	9000	1	3	3	0	4	0	21
318	319	60	3	90.0	9900	1	3	2	0	4	1	15
319	320	80	3	69.0	14115	1	3	3	0	4	0	14
320	321	60	3	111.0	16259	1	3	3	0	0	0	16
321	322	60	3	99.0	12099	1	0	3	0	4	0	16
322	323	60	3	86.0	10380	1	0	3	0	4	0	20
323	324	20	4	49.0	5820	1	3	3	0	4	0	17
324	325	80	3	96.0	11275	1	3	3	0	0	0	12
325	326	45	4	50.0	5000	1	3	3	0	4	0	9

326	327	120	3	32.0	10846	1	0	3	0	1	0	24
327	328	20	3	80.0	11600	1	3	3	0	4	0	12
328	329	75	3	69.0	11888	1	0	0	0	4	0	3
329	330	70	4	60.0	6402	1	3	3	0	0	0	9
330	331	90	3	69.0	10624	1	0	3	0	4	0	12
331	332	20	3	70.0	8176	1	3	3	0	4	0	12
332	333	20	3	85.0	10655	1	0	3	0	4	0	16
333	334	120	4	59.0	8198	1	3	3	0	3	0	16
334	335	60	3	59.0	9042	1	0	3	0	4	0	8
335	336	190	3	69.0	164660	0	0	1	0	0	2	23
336	337	20	3	86.0	14157	1	0	1	0	0	0	22
337	338	20	3	70.0	9135	1	3	3	0	4	0	5
338	339	20	3	91.0	14145	1	3	3	0	0	0	14
339	340	20	3	66.0	12400	1	0	3	0	4	0	12
340	341	60	3	85.0	14191	1	3	3	0	4	0	23
341	342	20	2	60.0	8400	1	3	3	0	4	0	20
342	343	90	3	69.0	8544	1	3	3	0	4	0	12
343	344	120	3	63.0	8849	1	0	3	0	4	0	16
344	345	160	4	36.0	2592	1	3	3	0	4	0	10
345	346	50	3	65.0	6435	1	3	3	0	4	0	3
346	347	20	3	69.0	12772	1	0	3	0	1	0	12
347	348	20	3	69.0	17600	1	0	3	0	4	0	12
348	349	160	3	36.0	2448	1	3	3	0	4	0	16
349	350	60	3	56.0	20431	1	1	3	0	4	0	16
350	351	120	3	68.0	7820	1	0	3	0	4	0	16
351	352	120	3	69.0	5271	1	0	2	0	4	1	4
352	353	50	3	60.0	9084	1	3	3	0	4	0	7
353	354	30	4	60.0	8520	1	3	3	0	4	0	17
354	355	50	3	60.0	8400	1	3	0	0	4	0	18
355	356	20	3	105.0	11249	1	1	3	0	4	0	5
356	357	20	3	69.0	9248	1	0	3	0	4	0	8
357	358	120	4	44.0	4224	1	3	3	0	4	0	10
358	359	80	3	92.0	6930	1	0	3	0	4	0	4
359	360	60	3	78.0	12011	1	0	3	0	1	0	15
360	361	85	3	69.0	7540	1	0	3	0	1	0	11
361	362	50	3	69.0	9144	1	3	3	0	4	0	3
362	363	85	3	64.0	7301	1	3	3	0	0	0	7
363	364	160	4	21.0	1680	1	3	3	0	4	0	2
364	365	60	3	69.0	18800	1	0	3	0	2	0	14
365	366	70	4	59.0	10690	1	3	3	0	4	0	9
366	367	20	3	69.0	9500	1	0	3	0	4	0	12
367	368	80	3	101.0	9150	1	0	3	0	0	0	12
368	369	20	3	78.0	7800	1	3	3	0	4	0	12
369	370	20	3	69.0	9830	1	0	3	0	0	0	12
370	371	60	3	69.0	8121	1	0	3	0	4	0	8
371	372	50	3	80.0	17120	1	3	3	0	4	0	4
372	373	120	3	50.0	7175	1	3	3	0	4	0	20
373	374	20	3	79.0	10634	1	3	3	0	4	0	12
374	375	60	3	65.0	8200	1	3	3	0	4	0	5
375	376	30	3	69.0	10020	1	0	2	0	4	2	7
376	377	85	3	57.0	8846	1	0	3	0	1	0	5
377	378	60	1	102.0	11143	1	0	3	0	0	0	21
378	379	20	3	88.0	11394	1	3	3	0	0	0	22
379	380	60	3	60.0	8123	1	0	3	0	4	0	8
380	381	50	3	50.0	5000	1	3	3	0	4	0	18

381	382	20	1	60.0	7200	1	3	3	0	4	0	21
382	383	60	3	79.0	9245	1	0	3	0	4	0	5
383	384	45	2	60.0	9000	1	3	3	0	0	0	20
384	385	60	3	69.0	53107	1	1	2	0	0	1	4
385	386	120	3	43.0	3182	1	3	3	0	4	0	0
386	387	50	3	58.0	8410	1	3	3	0	2	0	7
387	388	80	3	72.0	7200	1	3	3	0	4	0	7
388	389	20	3	93.0	9382	1	0	3	0	1	0	5
389	390	60	3	96.0	12474	1	3	3	0	4	0	16
390	391	50	3	50.0	8405	1	3	3	0	4	0	7
391	392	60	3	71.0	12209	1	0	3	0	1	0	11
392	393	20	3	69.0	8339	1	0	3	0	4	0	12
393	394	30	3	69.0	7446	1	3	3	0	0	0	3
394	395	50	3	60.0	10134	1	3	3	0	4	0	17
395	396	20	3	68.0	9571	1	3	3	0	4	0	7
396	397	20	3	60.0	7200	1	3	2	0	4	0	5
397	398	60	3	69.0	7590	1	3	3	0	4	0	12
398	399	30	4	60.0	8967	1	3	3	0	0	0	9
399	400	60	1	65.0	8125	1	3	3	0	4	0	21
400	401	120	3	38.0	14963	1	1	3	0	4	0	24
401	402	20	3	65.0	8767	1	0	3	0	4	0	5
402	403	30	3	60.0	10200	1	3	3	0	4	0	19
403	404	60	3	93.0	12090	1	3	3	0	0	0	15
404	405	60	3	69.0	10364	1	0	3	0	4	0	8
405	406	20	3	69.0	9991	1	0	3	0	0	0	19
406	407	50	3	51.0	10480	1	3	3	0	4	0	18
407	408	70	3	63.0	15576	1	3	3	0	4	0	6
408	409	60	3	109.0	14154	1	3	3	0	0	0	16
409	410	60	1	85.0	10800	1	3	3	0	4	0	21
410	411	20	3	68.0	9571	1	3	3	0	4	0	7
411	412	190	3	100.0	34650	1	3	0	0	4	0	8
412	413	20	1	69.0	4403	1	1	3	0	4	0	21
413	414	30	4	56.0	8960	1	3	3	0	4	0	17
414	415	60	3	59.0	11228	1	1	3	0	1	0	20
415	416	20	3	73.0	8899	1	0	3	0	4	0	8
416	417	60	3	74.0	7844	1	3	3	0	4	0	19
417	418	70	3	86.0	22420	1	0	3	0	4	0	6
418	419	50	3	60.0	8160	1	3	3	0	4	0	7
419	420	20	3	65.0	8450	1	3	3	0	4	0	12
420	421	90	4	78.0	7060	1	3	3	0	4	0	11
421	422	20	3	69.0	16635	1	0	3	0	2	0	14
422	423	20	3	100.0	21750	1	3	1	0	4	1	11
423	424	60	3	80.0	9200	1	3	3	0	4	0	15
424	425	20	3	72.0	9000	1	3	3	0	4	0	12
425	426	60	4	60.0	3378	1	3	1	0	4	0	17
426	427	80	3	69.0	12800	1	3	2	0	4	1	20
427	428	20	3	77.0	8593	1	0	3	0	4	0	12
428	429	20	3	64.0	6762	1	3	3	0	4	0	5
429	430	20	3	130.0	11457	1	0	3	0	0	0	23
430	431	160	4	21.0	1680	1	3	3	0	4	0	2
431	432	50	4	60.0	5586	1	0	0	0	4	0	17
432	433	160	4	24.0	1920	1	3	3	0	4	0	2
433	434	60	3	100.0	10839	1	0	3	0	0	0	8
434	435	180	4	21.0	1890	1	3	3	0	4	0	10
435	436	60	3	43.0	10667	1	1	3	0	1	0	5

436	437	50	4	40.0	4400	1	3	3	0	4	0	17
437	438	45	4	50.0	6000	1	3	3	0	4	0	3
438	439	30	3	40.0	4280	1	3	3	0	4	0	6
439	440	50	3	67.0	12354	1	3	3	0	0	0	7
440	441	20	3	105.0	15431	1	3	3	0	4	0	16
441	442	90	3	92.0	12108	1	3	3	0	4	0	7
442	443	50	4	52.0	6240	1	3	3	0	4	0	3
443	444	120	3	53.0	3922	1	3	3	0	4	0	0
444	445	60	3	70.0	8750	1	3	3	0	4	0	5
445	446	20	3	73.0	9855	1	3	3	0	0	0	7
446	447	20	3	137.0	16492	1	0	3	0	0	0	12
447	448	60	3	69.0	11214	1	0	3	0	0	0	8
448	449	50	4	50.0	8600	1	3	0	0	4	0	9
449	450	50	4	50.0	6000	1	3	3	0	4	0	17
450	451	30	4	70.0	5684	1	3	3	0	4	0	17
451	452	20	3	62.0	70761	1	0	2	0	4	1	4
452	453	60	3	69.0	9303	1	0	3	0	0	0	23
453	454	60	1	75.0	9000	1	3	3	0	4	0	21
454	455	90	3	63.0	9297	1	3	3	0	4	0	11
455	456	20	3	80.0	9600	1	3	3	0	4	0	14
456	457	70	4	34.0	4571	1	3	3	0	4	0	17
457	458	20	3	69.0	53227	1	0	2	0	1	1	4
458	459	70	4	69.0	5100	1	3	3	0	4	0	17
459	460	50	3	69.0	7015	1	0	0	0	0	0	3
460	461	60	1	75.0	8004	1	0	3	0	4	0	21
461	462	70	3	60.0	7200	1	3	3	0	4	0	18
462	463	20	3	60.0	8281	1	0	3	0	4	0	19
463	464	70	3	74.0	11988	1	0	1	0	4	1	6
464	465	20	3	60.0	8430	1	3	1	0	4	1	5
465	466	120	4	69.0	3072	1	3	3	0	4	0	0
466	467	20	3	85.0	10628	1	3	3	0	4	0	12
467	468	70	3	79.0	9480	1	3	3	0	4	0	12
468	469	20	3	98.0	11428	1	0	3	0	4	0	16
469	470	60	3	76.0	9291	1	0	3	0	0	0	20
470	471	120	3	69.0	6820	1	0	3	0	0	0	22
471	472	60	3	92.0	11952	1	3	3	0	4	0	14
472	473	180	4	35.0	3675	1	3	3	0	4	0	7
473	474	20	3	110.0	14977	1	0	3	0	4	0	16
474	475	120	3	41.0	5330	1	3	3	0	4	0	22
475	476	20	3	80.0	8480	1	3	3	0	0	0	19
476	477	20	3	75.0	13125	1	3	3	0	4	1	5
477	478	60	3	105.0	13693	1	3	3	0	4	0	16
478	479	20	3	79.0	10637	1	3	3	0	4	0	5
479	480	30	4	50.0	5925	1	3	0	0	4	0	17
480	481	20	3	98.0	16033	1	0	3	0	2	0	16
481	482	20	3	72.0	11846	1	0	1	0	4	0	16
482	483	70	4	50.0	2500	1	3	3	0	0	0	17
483	484	120	4	32.0	4500	1	3	3	0	2	0	11
484	485	20	3	69.0	7758	1	0	3	0	0	0	19
485	486	20	3	80.0	9600	1	3	3	0	4	0	12
486	487	20	3	79.0	10289	1	3	3	0	4	0	12
487	488	20	3	70.0	12243	1	0	3	0	4	0	14
488	489	190	3	60.0	10800	1	3	3	0	0	0	17
489	490	180	4	21.0	1526	1	3	3	0	4	0	10

490	491	160	4	69.0	2665	1	3	3	0	4	0	10
491	492	50	3	79.0	9490	1	3	3	0	4	0	12
492	493	60	3	105.0	15578	1	0	3	0	0	0	8
493	494	20	3	70.0	7931	1	3	3	0	4	0	12
494	495	30	4	50.0	5784	1	3	3	0	4	0	17
495	496	30	0	60.0	7879	1	3	3	0	4	0	9
496	497	20	3	69.0	12692	1	0	3	0	4	0	15
497	498	50	3	60.0	9120	1	3	3	0	4	0	3
498	499	20	3	65.0	7800	1	3	3	0	4	0	19
499	500	20	3	70.0	7535	1	0	3	0	4	0	12
500	501	160	4	21.0	1890	1	3	3	0	4	0	2
501	502	60	1	75.0	9803	1	3	3	0	4	0	21
502	503	20	3	70.0	9170	1	3	3	0	0	0	7
503	504	20	3	100.0	15602	1	0	3	0	4	0	6
504	505	160	3	24.0	2308	1	3	3	0	4	0	13
505	506	90	4	60.0	7596	1	3	3	0	4	0	17
506	507	60	3	80.0	9554	1	0	3	0	4	0	20
507	508	20	1	75.0	7862	1	0	3	0	4	0	21
508	509	70	4	60.0	9600	1	3	3	0	4	0	17
509	510	20	3	80.0	9600	1	3	3	0	0	0	12
510	511	20	3	75.0	14559	1	3	3	0	4	0	12
511	512	120	3	40.0	6792	1	0	3	0	4	0	16
512	513	20	3	70.0	9100	1	3	3	0	0	0	12
513	514	20	3	71.0	9187	1	3	0	0	0	0	11
514	515	45	3	55.0	10594	1	3	3	0	4	0	6
515	516	20	3	94.0	12220	1	3	3	0	4	0	16
516	517	80	3	69.0	10448	1	0	3	0	0	0	14
517	518	60	3	79.0	10208	1	0	3	0	4	0	15
518	519	60	3	69.0	9531	1	0	3	0	1	0	5
519	520	70	3	53.0	10918	1	3	3	0	4	0	6
520	521	190	3	60.0	10800	1	3	3	0	4	0	17
521	522	20	3	90.0	11988	1	0	3	0	0	0	12
522	523	50	4	50.0	5000	1	3	3	0	0	0	3
523	524	60	3	130.0	40094	1	0	0	0	4	0	7
524	525	60	3	95.0	11787	1	0	3	0	4	0	15
525	526	20	1	62.0	7500	1	3	3	0	4	0	21
526	527	20	3	70.0	13300	1	3	3	0	4	0	12
527	528	60	3	67.0	14948	1	0	3	0	4	0	16
528	529	30	3	58.0	9098	1	0	3	0	4	0	7
529	530	20	3	69.0	32668	1	0	3	0	1	0	6
530	531	80	3	85.0	10200	1	3	3	0	4	0	23
531	532	70	4	60.0	6155	1	0	3	0	3	0	3
532	533	20	3	60.0	7200	1	3	3	0	4	0	12
533	534	20	3	50.0	5000	1	3	2	0	4	1	3
534	535	60	3	74.0	9056	1	0	3	0	4	0	8
535	536	190	3	70.0	7000	1	3	3	0	4	0	7
536	537	60	3	57.0	8924	1	0	3	0	1	0	5
537	538	20	3	69.0	12735	1	0	3	0	2	0	12
538	539	20	3	69.0	11553	1	0	3	0	4	0	19
539	540	20	3	69.0	11423	1	3	3	0	4	0	5
540	541	20	3	85.0	14601	1	3	3	0	4	0	23
541	542	60	3	69.0	11000	1	3	3	0	2	0	15
542	543	20	3	78.0	10140	1	3	3	0	4	0	14
543	544	120	2	34.0	4058	1	3	3	0	4	0	12
544	545	60	3	58.0	17104	1	0	3	0	4	0	8

545	546	50	3	69.0	13837	1	0	3	0	0	0	14
546	547	50	3	70.0	8737	1	0	0	0	4	0	3
547	548	85	3	54.0	7244	1	3	3	0	4	0	11
548	549	20	4	49.0	8235	1	0	1	0	4	0	17
549	550	60	1	75.0	9375	1	3	3	0	4	0	21
550	551	120	3	53.0	4043	1	3	3	0	4	0	13
551	552	20	4	50.0	6000	1	3	3	0	4	0	17
552	553	20	3	87.0	11146	1	0	3	0	4	0	16
553	554	20	3	67.0	8777	1	3	3	0	4	0	7
554	555	60	3	85.0	10625	1	3	3	0	4	0	16
555	556	45	4	58.0	6380	1	3	3	0	4	0	3
556	557	20	3	69.0	14850	1	0	3	0	4	0	12
557	558	50	0	60.0	11040	1	3	2	0	4	1	9
558	559	60	3	57.0	21872	1	1	1	0	2	0	8
559	560	120	3	69.0	3196	1	3	3	0	4	0	0
560	561	20	3	69.0	11341	1	0	3	0	4	0	19
561	562	20	3	77.0	10010	1	3	3	0	4	1	11
562	563	30	3	63.0	13907	1	3	3	0	4	0	7
563	564	50	3	66.0	21780	1	3	3	0	4	0	7
564	565	60	3	69.0	13346	1	0	3	0	1	0	15
565	566	70	3	66.0	6858	1	3	0	0	0	0	18
566	567	60	3	77.0	11198	1	0	3	0	4	0	22
567	568	20	3	70.0	10171	1	0	3	0	4	0	16
568	569	50	3	79.0	12327	1	0	2	0	4	1	20
569	570	90	3	69.0	7032	1	0	3	0	0	0	12
570	571	90	3	74.0	13101	1	0	3	0	4	0	12
571	572	20	3	60.0	7332	1	3	3	0	4	0	12
572	573	60	3	83.0	13159	1	0	1	0	0	0	23
573	574	80	3	76.0	9967	1	0	3	0	4	0	8
574	575	80	3	70.0	10500	1	3	3	0	2	0	12
575	576	50	3	80.0	8480	1	3	3	0	4	0	12
576	577	50	3	52.0	6292	1	3	3	0	4	0	18
577	578	80	3	96.0	11777	1	0	3	0	4	0	19
578	579	160	1	34.0	3604	1	3	3	0	0	0	21
579	580	50	4	81.0	12150	1	3	3	0	4	0	17
580	581	20	3	69.0	14585	1	0	3	0	1	0	12
581	582	20	3	98.0	12704	1	3	3	0	4	0	16
582	583	90	3	81.0	11841	0	3	3	0	4	0	7
583	584	75	4	75.0	13500	1	3	3	0	4	0	17
584	585	50	4	51.0	6120	1	3	3	0	4	0	3
585	586	20	3	88.0	11443	1	3	3	0	4	0	23
586	587	30	3	55.0	10267	1	3	3	0	4	0	3
587	588	85	3	74.0	8740	1	0	3	0	4	0	19
588	589	20	3	65.0	25095	1	0	2	0	4	2	4
589	590	40	4	50.0	9100	1	3	3	0	4	0	3
590	591	60	3	64.0	8320	1	3	3	0	4	0	5
591	592	60	3	97.0	13478	1	0	3	0	0	0	16
592	593	20	3	60.0	6600	1	3	3	0	4	0	11
593	594	120	4	69.0	4435	1	3	3	0	4	0	5
594	595	20	3	88.0	7990	1	0	3	0	4	0	5
595	596	20	3	69.0	11302	1	0	3	0	4	0	22
596	597	70	4	60.0	3600	1	3	3	0	4	0	17
597	598	120	3	53.0	3922	1	3	3	0	4	0	0
598	599	20	3	80.0	12984	1	3	0	0	4	0	6
599	600	160	4	24.0	1950	1	3	3	0	4	0	1

600	601	60	3	74.0	10927	1	3	3	0	4	0	16
601	602	50	4	50.0	9000	1	3	0	0	4	0	9
602	603	60	3	80.0	10041	1	0	3	0	4	0	20
603	604	160	1	30.0	3182	1	3	3	0	4	0	21
604	605	20	3	88.0	12803	1	0	3	0	4	0	5
605	606	60	3	85.0	13600	1	3	3	0	4	0	12
606	607	20	3	82.0	12464	1	1	2	0	0	1	5
607	608	20	3	78.0	7800	1	3	0	0	4	1	7
608	609	70	3	78.0	12168	1	3	1	0	4	1	6
609	610	20	3	61.0	7943	1	3	3	0	4	0	19
610	611	60	3	69.0	11050	1	3	3	0	4	0	5
611	612	80	3	69.0	10395	1	0	3	0	2	0	14
612	613	60	3	69.0	11885	1	3	3	0	4	0	5
613	614	20	3	70.0	8402	1	3	3	0	4	0	11
614	615	180	4	21.0	1491	1	3	3	0	4	0	10
615	616	85	3	80.0	8800	1	3	3	0	4	0	12
616	617	60	3	69.0	7861	1	0	3	0	4	0	8
617	618	45	3	59.0	7227	1	3	1	0	0	1	12
618	619	20	3	90.0	11694	1	3	3	0	4	0	16
619	620	60	3	85.0	12244	1	3	3	0	4	0	23
620	621	30	3	45.0	8248	1	3	3	0	4	0	7
621	622	60	3	90.0	10800	1	3	3	0	4	0	14
622	623	20	3	71.0	7064	1	3	3	0	4	0	19
623	624	160	1	69.0	2117	1	3	3	0	4	0	21
624	625	60	3	80.0	10400	1	3	3	0	4	0	14
625	626	20	3	87.0	10000	1	0	3	0	0	0	12
626	627	20	3	69.0	12342	1	0	3	0	4	0	12
627	628	80	3	80.0	9600	1	3	3	0	4	0	12
628	629	60	3	70.0	11606	1	0	1	0	4	2	12
629	630	80	3	82.0	9020	1	3	3	0	0	0	12
630	631	70	4	50.0	9000	1	3	3	0	0	0	17
631	632	120	3	34.0	4590	1	3	3	0	4	0	16
632	633	20	3	85.0	11900	1	3	3	0	4	0	14
633	634	20	3	80.0	9250	1	3	3	0	0	0	12
634	635	90	3	64.0	6979	1	3	3	0	4	0	17
635	636	190	2	60.0	10896	1	3	0	0	4	0	18
636	637	30	4	51.0	6120	1	3	3	0	4	0	3
637	638	190	4	50.0	6000	1	3	3	0	4	0	17
638	639	30	3	67.0	8777	1	3	3	0	4	0	7
639	640	120	3	53.0	3982	1	3	3	0	4	0	0
640	641	120	3	62.0	12677	1	0	3	0	4	0	16
641	642	60	1	69.0	7050	1	3	3	0	4	0	21
642	643	80	3	75.0	13860	1	3	3	0	4	0	12
643	644	60	3	80.0	10793	1	3	3	0	4	0	14
644	645	20	1	85.0	9187	1	3	3	0	4	0	21
645	646	20	3	69.0	10530	1	0	3	0	0	0	12
646	647	20	3	60.0	7200	1	3	3	0	4	0	12
647	648	20	3	85.0	10452	1	0	3	0	4	0	7
648	649	60	3	70.0	7700	1	3	3	0	4	0	12
649	650	180	4	21.0	1936	1	3	3	0	4	0	10
650	651	60	1	65.0	8125	1	3	3	0	4	0	21
651	652	70	3	60.0	9084	1	3	3	0	4	0	7
652	653	60	3	70.0	8750	1	3	3	0	4	0	5
653	654	50	4	60.0	10320	1	3	3	0	4	0	9
654	655	20	3	91.0	10437	1	0	3	0	4	0	15

655	656	160	4	21.0	1680	1	3	3	0	4	0	2
656	657	20	3	72.0	10007	1	0	3	0	4	0	12
657	658	70	3	60.0	7200	1	3	1	0	4	1	6
658	659	50	3	78.0	17503	1	3	3	0	4	0	12
659	660	20	3	75.0	9937	1	3	3	0	0	0	7
660	661	60	3	69.0	12384	1	3	3	0	1	0	14
661	662	60	3	52.0	46589	1	1	3	0	1	0	15
662	663	20	3	120.0	13560	1	3	3	0	0	0	12
663	664	85	3	90.0	10012	1	3	3	0	4	0	7
664	665	20	3	49.0	20896	1	1	3	0	1	0	21
665	666	60	3	106.0	11194	1	0	3	0	0	0	8
666	667	60	3	69.0	18450	1	0	3	0	4	0	12
667	668	20	3	65.0	8125	1	3	3	0	4	0	20
668	669	20	3	69.0	14175	1	3	0	0	0	1	19
669	670	30	3	80.0	11600	1	3	3	0	4	0	6
670	671	60	3	64.0	8633	1	3	3	0	2	0	5
671	672	70	2	54.0	6629	1	3	3	0	4	0	7
672	673	20	3	69.0	11250	1	0	3	0	4	0	24
673	674	20	3	110.0	14442	1	3	3	0	4	0	6
674	675	20	3	80.0	9200	1	3	3	0	4	0	12
675	676	160	3	24.0	2289	1	3	3	0	4	0	13
676	677	70	4	60.0	9600	1	3	3	0	4	0	17
677	678	30	3	52.0	9022	1	3	3	0	4	0	17
678	679	20	3	80.0	11844	1	0	3	0	4	0	22
679	680	20	3	69.0	9945	1	0	3	0	4	0	19
680	681	120	3	50.0	8012	1	3	3	0	4	0	20
681	682	50	2	55.0	4500	1	1	0	0	4	0	18
682	683	120	3	69.0	2887	1	3	1	0	4	0	4
683	684	20	3	90.0	11248	1	0	3	0	0	0	5
684	685	60	3	58.0	16770	1	1	3	0	1	0	15
685	686	160	3	69.0	5062	1	0	3	0	1	0	22
686	687	60	1	84.0	10207	1	3	3	0	4	0	21
687	688	160	1	69.0	5105	1	1	3	0	2	0	21
688	689	20	3	60.0	8089	1	3	1	0	4	0	22
689	690	120	3	61.0	7577	1	0	3	0	0	0	16
690	691	120	4	69.0	4426	1	3	3	0	4	0	5
691	692	60	3	104.0	21535	1	0	3	0	0	0	15
692	693	60	3	42.0	26178	1	0	3	0	4	1	23
693	694	30	3	60.0	5400	1	3	3	0	0	2	17
694	695	50	4	51.0	6120	1	3	3	0	0	0	3
695	696	20	3	54.0	13811	1	0	3	0	4	0	23
696	697	30	4	50.0	6000	1	3	3	0	4	0	3
697	698	20	3	57.0	6420	1	0	3	0	4	0	7
698	699	20	3	65.0	8450	1	3	3	0	4	0	19
699	700	120	1	59.0	4282	1	1	3	0	4	0	21
700	701	20	3	85.0	14331	1	3	3	0	4	0	23
701	702	20	3	80.0	9600	1	3	3	0	4	0	14
702	703	60	3	82.0	12438	1	0	3	0	4	0	22
703	704	190	4	76.0	7630	1	3	3	0	4	0	17
704	705	20	3	70.0	8400	1	3	3	0	4	0	5
705	706	190	4	70.0	5600	1	3	3	0	4	0	9
706	707	20	3	69.0	115149	1	1	2	0	1	2	4
707	708	120	3	48.0	6240	1	3	3	0	4	0	16
708	709	60	3	65.0	9018	1	0	3	0	4	0	8

709	710	20	3	69.0	7162	1	0	3	0	4	0	19
710	711	30	3	56.0	4130	1	0	3	0	4	0	3
711	712	50	0	66.0	8712	1	3	1	0	4	1	9
712	713	120	3	40.0	4671	1	0	1	0	4	0	22
713	714	190	3	60.0	9873	1	3	3	0	4	0	3
714	715	60	3	69.0	13517	1	0	3	0	1	0	19
715	716	20	3	78.0	10140	1	3	3	0	4	0	14
716	717	70	4	60.0	10800	1	3	0	0	4	0	17
717	718	20	3	80.0	10000	1	3	3	0	4	0	14
718	719	60	3	96.0	10542	1	3	3	0	4	0	15
719	720	20	3	69.0	9920	1	0	3	0	4	0	5
720	721	120	3	69.0	6563	1	0	2	0	1	1	22
721	722	120	4	69.0	4426	1	3	3	0	4	0	5
722	723	20	3	70.0	8120	1	3	3	0	4	0	12
723	724	50	3	60.0	8172	1	3	3	0	4	0	7
724	725	20	3	86.0	13286	1	0	3	0	4	0	7
725	726	20	3	60.0	6960	1	3	3	0	4	0	12
726	727	20	3	69.0	21695	1	0	3	0	0	0	6
727	728	20	3	64.0	7314	1	3	3	0	4	0	5
728	729	90	3	85.0	11475	1	3	3	0	0	0	12
729	730	30	4	52.0	6240	1	3	3	0	4	0	9
730	731	120	3	39.0	5389	1	0	3	0	4	0	22
731	732	80	3	73.0	9590	1	0	3	0	0	0	23
732	733	60	3	75.0	11404	1	0	3	0	4	0	5
733	734	20	3	80.0	10000	1	3	3	0	0	0	19
734	735	20	3	69.0	8978	1	0	3	0	0	0	19
735	736	75	4	60.0	10800	1	3	3	0	4	0	17
736	737	90	3	60.0	8544	1	3	3	0	4	0	12
737	738	60	3	72.0	10463	1	0	1	0	1	0	8
738	739	90	3	60.0	10800	1	3	3	0	4	0	7
739	740	60	3	65.0	9313	1	0	3	0	4	0	5
740	741	70	4	60.0	9600	1	3	3	0	4	0	17
741	742	20	3	65.0	6768	1	0	3	0	4	0	19
742	743	20	3	65.0	8450	1	3	3	0	4	0	20
743	744	80	3	70.0	12886	1	0	3	0	4	0	19
744	745	120	3	41.0	5395	1	0	1	0	4	0	22
745	746	60	3	69.0	8963	1	0	3	0	4	0	14
746	747	60	3	69.0	8795	1	0	3	0	4	0	8
747	748	70	4	65.0	11700	1	0	3	0	0	0	17
748	749	20	3	59.0	10593	1	0	3	0	4	0	15
749	750	50	3	50.0	8405	1	3	3	0	4	0	7
750	751	50	4	55.0	8800	1	3	3	0	0	0	17
751	752	60	3	69.0	7750	1	3	3	0	4	0	8
752	753	20	3	79.0	9236	1	0	3	0	4	0	5
753	754	60	3	80.0	10240	1	3	3	0	4	0	16
754	755	20	3	61.0	7930	1	3	3	0	4	0	12
755	756	160	1	34.0	3230	1	3	3	0	4	0	21
756	757	60	3	68.0	10769	1	0	3	0	4	0	5
757	758	60	3	69.0	11616	1	0	3	0	1	0	19
758	759	160	1	24.0	2280	1	3	3	0	4	0	21
759	760	60	3	65.0	12257	1	0	3	0	4	0	15
760	761	20	3	70.0	9100	1	3	3	0	4	0	12
761	762	30	4	60.0	6911	1	3	3	0	2	0	3
762	763	60	1	72.0	8640	1	3	3	0	4	0	21
763	764	60	3	82.0	9430	1	3	3	0	4	0	15

764	765	120	3	30.0	9549	1	0	3	0	1	0	24	
765	766	20	3	75.0	14587	1	0	3	0	4	0	21	
766	767	60	3	80.0	10421	1	3	3	0	4	0	14	
767	768	50	3	75.0	12508	1	0	3	0	4	0	11	
768	769	20	3	70.0	9100	1	3	3	0	4	0	5	
769	770	60	3	47.0	53504	1	1	1	0	1	1	22	
770	771	85	3	69.0	7252	1	0	3	0	1	0	19	
771	772	20	3	67.0	8877	1	3	3	0	4	0	7	
772	773	80	3	94.0	7819	1	3	3	0	4	0	7	
773	774	20	3	70.0	10150	1	3	3	0	4	0	12	
774	775	20	3	110.0	14226	1	3	3	0	0	0	16	
775	776	120	4	32.0	4500	1	3	3	0	2	0	11	
776	777	20	3	86.0	11210	1	0	3	0	4	0	5	
777	778	20	3	100.0	13350	1	0	3	0	4	0	19	
778	779	90	2	60.0	8400	1	3	3	0	4	0	20	
779	780	90	3	78.0	10530	1	3	3	0	4	0	11	
780	781	20	3	63.0	7875	1	3	3	0	4	0	8	
781	782	60	3	65.0	7153	1	3	3	0	4	0	20	
782	783	20	3	67.0	16285	1	1	3	0	4	0	5	
783	784	85	3	69.0	9101	1	0	3	0	0	0	11	
784	785	75	4	35.0	6300	1	3	3	0	4	0	17	
785	786	20	3	69.0	9790	1	3	3	0	4	0	14	
786	787	50	4	60.0	10800	1	3	3	0	4	0	17	
787	788	60	3	76.0	10142	1	0	3	0	4	0	20	
788	789	20	4	50.0	6000	1	3	3	0	0	0	17	
789	790	60	3	69.0	12205	1	0	2	0	4	0	4	
790	791	120	3	43.0	3182	1	3	3	0	4	0	0	
791	792	80	3	69.0	11333	1	0	3	0	0	0	11	
792	793	60	3	92.0	9920	1	0	3	0	1	0	15	
793	794	20	3	76.0	9158	1	3	3	0	4	0	21	
794	795	60	3	69.0	10832	1	0	3	0	0	0	8	
795	796	60	3	70.0	8400	1	3	3	0	4	0	20	
796	797	20	3	71.0	8197	1	3	3	0	4	0	19	
797	798	20	3	57.0	7677	1	3	3	0	4	0	12	
798	799	60	3	104.0	13518	1	3	3	0	4	0	16	
799	800	50	3	60.0	7200	1	3	3	0	0	0	18	
800	801	60	3	79.0	12798	1	0	1	0	4	1	4	
801	802	30	4	40.0	4800	1	3	3	0	4	0	9	
802	803	60	3	63.0	8199	1	3	3	0	4	0	5	
803	804	60	3	107.0	13891	1	3	3	0	4	0	16	
804	805	20	3	75.0	9000	1	3	3	0	4	0	12	
805	806	20	3	91.0	12274	1	0	3	0	2	0	21	
806	807	80	3	75.0	9750	1	3	3	0	4	0	12	
807	808	70	3	144.0	21384	1	3	3	0	4	0	3	
808	809	80	3	85.0	13400	1	3	3	0	4	0	12	
809	810	75	4	90.0	8100	1	3	3	0	0	0	17	
810	811	20	3	78.0	10140	1	3	3	0	4	0	14	
811	812	120	4	69.0	4438	1	3	3	0	4	0	5	
812	813	20	0	66.0	8712	0	3	0	0	4	1	9	
813	814	20	3	75.0	9750	1	3	3	0	4	0	12	
814	815	50	3	45.0	8248	1	3	3	0	4	0	7	
815	816	20	3	48.0	12137	1	1	3	0	1	0	5	
816	817	20	3	69.0	11425	1	0	3	0	0	0	12	
817	818	20	3	69.0	13265	1	0	3	0	1	0	11	
818	819	80	3	80.0	8816	1	3	3	0	4	0	4	

819	820	120	3	44.0	6371	1	0	3	0	4	0	16
820	821	60	3	72.0	7226	1	0	3	0	1	0	5
821	822	20	4	60.0	6000	1	3	0	0	4	1	17
822	823	60	3	69.0	12394	1	0	3	0	0	0	8
823	824	50	3	60.0	9900	1	3	3	0	4	0	18
824	825	20	1	81.0	11216	1	3	3	0	4	0	21
825	826	20	3	114.0	14803	1	3	3	0	4	0	16
826	827	45	4	50.0	6130	1	3	3	0	4	0	3
827	828	20	3	65.0	8529	1	0	3	0	4	0	20
828	829	60	3	69.0	28698	1	1	2	0	1	2	4
829	830	160	1	24.0	2544	1	3	3	0	4	0	21
830	831	20	3	80.0	11900	1	0	3	0	0	0	12
831	832	160	1	30.0	3180	1	3	3	0	4	0	21
832	833	60	3	44.0	9548	1	0	3	0	1	0	5
833	834	20	3	100.0	10004	1	3	3	0	4	0	12
834	835	20	3	75.0	7875	1	3	3	0	4	0	12
835	836	20	3	60.0	9600	1	3	3	0	4	0	19
836	837	30	4	90.0	8100	1	3	3	0	4	0	17
837	838	160	4	21.0	1680	1	3	3	0	4	0	2
838	839	20	3	75.0	9525	1	3	3	0	4	0	5
839	840	50	3	70.0	11767	1	3	3	0	4	0	7
840	841	70	2	69.0	12155	1	0	3	0	4	0	18
841	842	70	4	60.0	10440	1	3	3	0	4	0	17
842	843	80	3	82.0	9020	1	3	3	0	4	0	12
843	844	90	3	80.0	8000	1	3	3	0	0	0	12
844	845	50	4	100.0	12665	1	0	3	0	4	0	17
845	846	85	3	69.0	16647	1	0	3	0	1	0	19
846	847	60	3	75.0	9317	1	3	3	0	4	0	20
847	848	20	3	36.0	15523	1	0	3	0	1	0	5
848	849	50	3	75.0	45600	1	1	0	0	4	0	4
849	850	80	3	80.0	9600	1	3	3	0	2	0	24
850	851	120	4	36.0	4435	1	3	3	0	4	0	5
851	852	120	3	69.0	3196	1	3	3	0	4	0	0
852	853	75	3	53.0	7128	1	3	3	0	4	0	6
853	854	80	3	69.0	12095	1	0	3	0	0	0	12
854	855	20	3	102.0	17920	1	3	3	0	4	0	19
855	856	20	3	69.0	6897	1	0	3	0	0	0	19
856	857	80	3	69.0	10970	1	0	2	0	4	1	5
857	858	60	3	65.0	8125	1	3	3	0	4	0	8
858	859	20	3	80.0	10400	1	3	3	0	4	0	14
859	860	60	3	69.0	11029	1	0	3	0	0	0	14
860	861	50	3	55.0	7642	1	3	3	0	0	0	6
861	862	190	3	75.0	11625	1	3	3	0	4	0	19
862	863	20	3	81.0	9672	1	3	3	0	0	0	20
863	864	20	3	70.0	7931	1	3	3	0	4	0	12
864	865	20	1	72.0	8640	1	3	3	0	4	0	21
865	866	20	3	69.0	8750	1	0	3	0	4	0	12
866	867	20	3	67.0	10656	1	0	1	0	4	0	23
867	868	20	3	85.0	6970	1	3	3	0	0	0	19
868	869	60	3	69.0	14762	1	1	3	0	0	0	8
869	870	60	3	80.0	9938	1	3	3	0	4	0	20
870	871	20	3	60.0	6600	1	3	3	0	4	0	12
871	872	60	3	70.0	8750	1	3	3	0	4	0	5
872	873	20	3	74.0	8892	1	3	3	0	0	0	12
873	874	40	3	60.0	12144	1	3	3	0	4	0	12

874	875	50	4	52.0	5720	1	3	3	0	4	0	17
875	876	60	1	75.0	9000	1	3	3	0	4	0	21
876	877	20	3	94.0	25286	1	3	1	0	4	1	11
877	878	60	3	74.0	8834	1	3	3	0	4	0	16
878	879	85	3	88.0	11782	1	0	3	0	4	0	19
879	880	20	3	69.0	7000	1	0	3	0	1	0	5
880	881	20	3	60.0	7024	1	3	3	0	4	0	7
881	882	50	3	44.0	13758	1	0	3	0	1	0	23
882	883	60	3	69.0	9636	1	0	3	0	0	0	8
883	884	75	3	60.0	6204	1	3	0	0	4	0	18
884	885	20	3	65.0	7150	1	3	3	0	4	0	12
885	886	120	1	50.0	5119	1	0	3	0	1	0	21
886	887	90	3	70.0	8393	1	3	3	0	0	0	12
887	888	50	3	59.0	16466	1	0	3	0	4	0	7
888	889	20	3	95.0	15865	1	0	3	0	4	1	12
889	890	20	3	128.0	12160	1	3	3	0	4	0	12
890	891	50	3	60.0	8064	1	3	3	0	0	0	12
891	892	60	3	70.0	11184	1	3	3	0	4	0	19
892	893	20	3	70.0	8414	1	3	3	0	4	0	19
893	894	20	3	69.0	13284	1	3	3	0	4	0	19
894	895	90	3	64.0	7018	1	3	0	0	4	0	20
895	896	60	3	71.0	7056	1	3	3	0	4	0	12
896	897	30	4	50.0	8765	1	3	3	0	4	0	9
897	898	90	3	64.0	7018	1	3	3	0	4	0	20
898	899	20	3	100.0	12919	1	0	3	0	4	0	16
899	900	20	3	65.0	6993	1	3	3	0	4	0	19
900	901	20	3	69.0	7340	1	0	3	0	4	0	12
901	902	20	3	64.0	8712	1	0	3	0	4	0	12
902	903	60	3	63.0	7875	1	3	3	0	4	0	8
903	904	20	3	50.0	14859	1	0	1	0	1	0	8
904	905	20	3	69.0	6173	1	0	3	0	4	0	19
905	906	20	3	80.0	9920	1	3	3	0	4	0	12
906	907	20	3	116.0	13501	1	0	3	0	0	0	21
907	908	50	3	86.0	11500	1	0	3	0	4	0	6
908	909	20	3	69.0	8885	1	0	2	0	4	1	11
909	910	60	3	149.0	12589	1	1	3	0	4	0	8
910	911	90	3	80.0	11600	1	3	3	0	0	0	12
911	912	20	3	69.0	9286	1	0	3	0	1	1	5
912	913	30	4	51.0	6120	1	3	3	0	4	0	3
913	914	90	2	82.0	6270	1	3	1	0	4	0	6
914	915	160	1	30.0	3000	1	3	3	0	4	0	21
915	916	160	4	21.0	2001	1	3	3	0	4	0	10
916	917	20	0	50.0	9000	1	3	3	0	4	0	9
917	918	20	3	69.0	17140	1	3	3	0	4	0	7
918	919	60	3	103.0	13125	1	0	3	0	0	0	20
919	920	20	3	87.0	11029	1	0	3	0	0	0	12
920	921	60	3	70.0	8462	1	0	3	0	4	0	20
921	922	90	3	67.0	8777	1	3	3	0	4	0	7
922	923	20	3	65.0	10237	1	3	3	0	4	0	8
923	924	120	3	50.0	8012	1	3	3	0	4	0	20
924	925	20	3	79.0	10240	1	3	3	0	4	0	14
925	926	20	3	69.0	15611	1	0	3	0	0	0	14
926	927	60	3	93.0	11999	1	3	3	0	4	0	16
927	928	60	3	69.0	9900	1	3	3	0	4	0	14

928	929	20	3	69.0	11838	1	3	3	0	4	0	5
929	930	60	3	69.0	13006	1	0	3	0	0	0	8
930	931	20	3	73.0	8925	1	0	1	0	4	0	23
931	932	20	3	70.0	9100	1	3	3	0	4	0	12
932	933	20	3	84.0	11670	1	0	3	0	0	0	21
933	934	20	3	63.0	8487	1	3	3	0	2	0	5
934	935	20	3	313.0	27650	1	1	1	0	4	1	12
935	936	30	3	52.0	5825	1	0	3	0	4	0	3
936	937	20	3	67.0	10083	1	3	3	0	4	0	20
937	938	60	3	75.0	9675	1	3	3	0	4	0	21
938	939	60	3	73.0	8760	1	3	3	0	4	0	5
939	940	70	3	69.0	24090	1	3	3	0	4	0	4
940	941	90	3	55.0	12640	1	0	3	0	4	0	11
941	942	60	3	69.0	8755	1	0	3	0	2	0	8
942	943	90	3	42.0	7711	1	0	3	0	4	0	7
943	944	90	3	100.0	25000	1	3	2	0	4	0	11
944	945	20	3	69.0	14375	1	0	3	1	1	0	23
945	946	50	4	98.0	8820	1	3	3	0	0	0	17
946	947	80	3	70.0	8163	1	3	3	0	4	0	12
947	948	20	3	85.0	14536	1	3	3	0	4	0	23
948	949	60	3	65.0	14006	1	0	3	0	4	0	5
949	950	20	3	78.0	9360	1	3	3	0	4	0	14
950	951	20	3	60.0	7200	1	3	3	0	4	0	12
951	952	20	2	60.0	7800	1	3	3	0	0	0	20
952	953	85	3	60.0	7200	1	3	3	0	4	0	5
953	954	60	3	69.0	11075	1	0	3	0	4	1	11
954	955	90	3	35.0	9400	1	0	3	0	1	0	7
955	956	90	2	82.0	7136	1	0	1	0	4	0	6
956	957	160	4	24.0	1300	1	3	3	0	4	0	1
957	958	20	3	70.0	7420	1	3	3	0	4	0	19
958	959	20	3	65.0	8450	1	3	3	0	4	0	5
959	960	160	1	24.0	2572	1	3	3	0	2	0	21
960	961	20	3	50.0	7207	1	0	3	0	4	0	3
961	962	60	3	69.0	12227	1	0	3	0	0	0	14
962	963	160	3	24.0	2308	1	3	3	0	0	0	13
963	964	20	3	122.0	11923	1	0	3	0	0	0	5
964	965	60	3	80.0	11316	1	3	3	0	0	0	23
965	966	60	3	65.0	10237	1	3	3	0	4	0	8
966	967	50	3	130.0	9600	1	0	1	0	4	0	6
967	968	20	3	69.0	7390	1	0	3	0	4	0	12
968	969	50	4	50.0	5925	1	3	3	0	4	0	17
969	970	190	3	75.0	10382	1	3	3	0	4	0	12
970	971	50	3	60.0	10800	1	3	3	0	4	0	12
971	972	160	3	36.0	2268	1	3	3	0	4	0	16
972	973	120	3	55.0	7892	1	3	3	0	4	0	20
973	974	20	1	95.0	11639	1	3	3	0	0	0	21
974	975	70	3	60.0	11414	1	0	3	0	0	0	3
975	976	160	1	69.0	2651	1	3	3	0	2	0	21
976	977	30	3	51.0	5900	1	0	0	0	4	0	3
977	978	120	1	35.0	4274	1	0	3	0	4	0	21
978	979	20	3	68.0	9450	1	3	0	0	4	1	7
979	980	20	3	80.0	8816	1	3	3	0	0	0	19
980	981	85	3	69.0	12122	1	0	3	0	0	0	12
981	982	60	3	98.0	12203	1	0	3	0	0	0	15
982	983	20	3	43.0	3182	1	3	3	0	4	0	0

983	984	60	3	69.0	11250	1	3	3	0	0	0	5
984	985	90	3	75.0	10125	1	3	3	0	4	0	11
985	986	190	3	68.0	10880	1	3	3	0	4	0	7
986	987	50	4	59.0	5310	1	3	3	0	0	0	17
987	988	20	3	83.0	10159	1	0	3	0	4	0	16
988	989	60	3	69.0	12046	1	0	3	0	4	0	14
989	990	60	1	65.0	8125	1	3	3	0	4	0	21
990	991	60	3	82.0	9452	1	3	3	0	4	0	15
991	992	70	4	121.0	17671	1	3	3	0	0	0	17
992	993	60	3	80.0	9760	1	3	3	0	4	1	12
993	994	60	3	68.0	8846	1	3	3	0	4	0	5
994	995	20	3	96.0	12456	1	3	3	0	2	0	16
995	996	50	3	51.0	4712	1	0	3	0	4	1	3
996	997	20	3	69.0	10659	1	0	3	0	4	0	12
997	998	20	3	69.0	11717	1	0	3	0	4	0	14
998	999	30	4	60.0	9786	1	3	3	0	4	0	9
999	1000	20	3	64.0	6762	1	3	3	0	4	0	5
1000	1001	20	3	74.0	10206	1	3	3	0	0	0	7
1001	1002	30	3	60.0	5400	1	3	3	0	0	0	17
1002	1003	20	3	75.0	11957	1	0	3	0	4	0	21
1003	1004	90	3	69.0	11500	1	0	3	0	0	0	14
1004	1005	120	3	43.0	3182	1	3	3	0	4	0	0
1005	1006	80	3	65.0	8385	1	3	3	0	4	0	5
1006	1007	20	3	69.0	12155	1	2	3	0	4	0	12
1007	1008	160	4	21.0	2217	1	3	3	0	4	0	10
1008	1009	20	3	43.0	12118	1	0	3	0	1	0	11
1009	1010	50	3	60.0	6000	1	3	3	0	4	0	18
1010	1011	50	3	115.0	21286	1	3	3	0	4	0	19
1011	1012	90	3	75.0	9825	1	3	3	0	4	0	7
1012	1013	70	3	55.0	10592	1	3	3	0	4	0	6
1013	1014	30	4	60.0	7200	1	3	3	0	4	0	17
1014	1015	20	3	60.0	11664	1	3	3	0	4	0	12
1015	1016	60	3	70.0	8400	1	3	3	0	4	0	14
1016	1017	20	3	73.0	11883	1	3	3	0	4	0	5
1017	1018	120	3	69.0	5814	1	0	3	0	1	0	22
1018	1019	80	3	69.0	10784	1	0	3	0	2	0	8
1019	1020	120	3	43.0	3013	1	3	3	0	4	0	0
1020	1021	20	3	60.0	7024	1	3	3	0	4	0	7
1021	1022	20	3	64.0	7406	1	3	3	0	4	0	5
1022	1023	50	4	52.0	9439	1	3	3	0	4	0	17
1023	1024	120	3	43.0	3182	1	3	3	0	4	0	0
1024	1025	20	3	69.0	15498	1	0	3	0	0	0	23
1025	1026	20	3	70.0	7700	1	3	3	0	0	0	5
1026	1027	20	3	73.0	9300	1	3	3	0	4	0	12
1027	1028	20	3	71.0	9520	1	0	1	0	4	0	23
1028	1029	50	3	79.0	9492	1	3	3	0	4	0	12
1029	1030	160	4	21.0	1680	1	3	3	0	4	0	2
1030	1031	190	2	69.0	7082	1	3	3	0	4	0	18
1031	1032	75	3	102.0	15863	1	3	3	0	0	0	18
1032	1033	60	3	69.0	14541	1	0	3	0	0	0	15
1033	1034	20	3	69.0	8125	1	3	3	0	4	0	5
1034	1035	30	3	50.0	6305	1	3	0	0	4	0	6
1035	1036	20	3	69.0	11500	1	0	3	0	1	0	7
1036	1037	20	3	89.0	12898	1	0	1	0	4	0	23
1037	1038	60	3	69.0	9240	1	3	3	0	4	0	5

1038	1039	160	4	21.0	1533	1	3	3	0	4	0	10
1039	1040	180	4	21.0	1477	1	3	3	0	4	0	10
1040	1041	20	3	88.0	13125	1	3	3	0	0	0	19
1041	1042	60	3	69.0	9130	1	3	3	0	4	0	14
1042	1043	120	3	34.0	5381	1	0	3	0	4	0	16
1043	1044	60	3	86.0	11839	1	3	3	0	4	0	20
1044	1045	20	3	80.0	9600	1	3	3	0	4	0	14
1045	1046	20	3	69.0	13680	1	0	3	0	1	0	7
1046	1047	60	3	85.0	16056	1	0	3	0	4	0	22
1047	1048	20	3	57.0	9245	1	1	3	0	4	0	5
1048	1049	20	3	100.0	21750	1	3	3	0	4	0	11
1049	1050	20	3	60.0	11100	1	3	2	0	4	0	7
1050	1051	20	3	73.0	8993	1	0	3	0	4	0	8
1051	1052	20	3	103.0	11175	1	0	3	0	0	0	5
1052	1053	60	3	100.0	9500	1	3	3	0	0	0	12
1053	1054	20	3	68.0	8562	1	3	3	0	4	1	7
1054	1055	60	3	90.0	11367	1	3	3	0	0	0	5
1055	1056	20	3	104.0	11361	1	3	3	0	4	0	14
1056	1057	120	3	43.0	7052	1	0	3	0	4	0	16
1057	1058	60	3	69.0	29959	1	1	3	0	2	0	15
1058	1059	60	3	96.0	11308	1	0	3	0	4	0	16
1059	1060	50	3	69.0	11275	1	0	1	0	0	1	6
1060	1061	120	3	41.0	4920	1	3	3	0	4	0	22
1061	1062	30	0	120.0	18000	0	3	2	0	4	0	9
1062	1063	190	4	85.0	13600	1	3	3	0	4	0	17
1063	1064	30	4	50.0	6000	1	3	3	0	4	0	17
1064	1065	20	3	69.0	11000	1	0	3	0	1	0	12
1065	1066	60	3	80.0	14000	1	3	3	0	4	1	4
1066	1067	60	3	59.0	7837	1	0	3	0	4	0	8
1067	1068	60	3	80.0	9760	1	3	3	0	4	1	12
1068	1069	160	4	42.0	3964	1	3	3	0	4	0	10
1069	1070	45	3	60.0	9600	1	3	3	0	4	0	12
1070	1071	20	3	72.0	10152	1	3	3	0	4	0	12
1071	1072	60	3	78.0	11700	1	3	3	0	4	0	14
1072	1073	50	3	50.0	7585	1	3	3	0	4	0	7
1073	1074	60	3	75.0	7950	1	0	0	0	0	0	7
1074	1075	20	3	74.0	8556	1	3	3	0	4	0	5
1075	1076	70	3	75.0	13125	1	3	3	0	4	0	6
1076	1077	50	3	60.0	10800	1	3	3	0	4	0	17
1077	1078	20	3	69.0	15870	1	0	3	0	0	0	12
1078	1079	120	4	37.0	4435	1	3	3	0	4	0	5
1079	1080	20	3	65.0	8775	1	3	3	0	4	0	5
1080	1081	20	3	80.0	11040	1	3	3	0	4	0	14
1081	1082	20	3	75.0	7500	1	3	3	0	0	0	19
1082	1083	20	3	70.0	8749	1	3	3	0	4	0	5
1083	1084	20	3	80.0	8800	1	3	3	0	4	0	12
1084	1085	60	3	69.0	13031	1	1	3	0	0	0	8
1085	1086	85	3	73.0	9069	1	3	3	0	4	0	20
1086	1087	160	4	69.0	1974	1	3	3	0	4	0	10
1087	1088	60	1	85.0	10574	1	3	3	0	4	0	21
1088	1089	160	4	24.0	2522	1	3	3	0	4	0	7
1089	1090	120	1	37.0	3316	1	0	3	0	4	0	21
1090	1091	90	3	60.0	8544	1	3	3	0	0	0	12
1091	1092	160	1	24.0	2160	1	3	3	0	4	0	21
1092	1093	50	3	60.0	8400	1	3	0	0	4	0	18

1093	1094	20	3	71.0	9230	1	3	3	0	0	0	12
1094	1095	20	3	74.0	5868	1	3	3	0	4	0	12
1095	1096	20	3	78.0	9317	1	0	3	0	4	0	5
1096	1097	70	4	60.0	6882	1	3	3	0	4	0	9
1097	1098	120	3	69.0	3696	1	3	3	0	4	0	22
1098	1099	50	4	50.0	6000	1	3	3	0	4	0	3
1099	1100	20	3	82.0	11880	1	0	3	0	4	0	14
1100	1101	30	3	60.0	8400	1	3	0	0	4	0	18
1101	1102	20	3	61.0	9758	1	0	3	0	4	0	12
1102	1103	20	3	70.0	7000	1	3	3	0	4	0	12
1103	1104	20	3	79.0	8910	1	3	3	0	0	0	12
1104	1105	160	4	24.0	2016	1	3	3	0	4	0	2
1105	1106	60	3	98.0	12256	1	0	3	0	0	0	15
1106	1107	20	3	114.0	10357	1	0	3	0	0	0	20
1107	1108	60	3	168.0	23257	1	2	1	0	1	0	8
1108	1109	60	3	69.0	8063	1	3	3	0	4	0	8
1109	1110	20	3	107.0	11362	1	0	3	0	4	0	16
1110	1111	60	3	69.0	8000	1	3	3	0	4	0	8
1111	1112	60	3	80.0	10480	1	3	3	0	4	0	14
1112	1113	20	3	73.0	7100	1	0	3	0	0	0	12
1113	1114	20	3	66.0	8923	1	3	3	0	4	0	12
1114	1115	20	3	90.0	5400	1	3	3	0	4	0	17
1115	1116	20	3	93.0	12085	1	3	3	0	4	0	16
1116	1117	80	3	69.0	7750	1	3	3	0	4	0	8
1117	1118	20	3	57.0	9764	1	0	3	0	2	0	19
1118	1119	80	3	85.0	13825	1	3	3	0	4	0	19
1119	1120	20	3	70.0	7560	1	3	3	0	4	0	12
1120	1121	30	4	59.0	8263	1	3	0	0	4	1	9
1121	1122	20	3	84.0	10084	1	3	3	0	4	0	5
1122	1123	20	3	69.0	8926	1	0	3	0	0	0	7
1123	1124	20	3	50.0	9405	1	3	3	0	4	0	7
1124	1125	80	3	69.0	9125	1	0	3	0	4	0	8
1125	1126	20	3	60.0	10434	1	3	3	0	4	0	12
1126	1127	120	3	53.0	3684	1	3	3	0	4	0	0
1127	1128	20	3	182.0	14572	1	2	3	0	0	0	8
1128	1129	60	3	59.0	11796	1	0	3	0	4	0	8
1129	1130	90	4	60.0	7200	1	3	3	0	4	0	17
1130	1131	50	3	65.0	7804	1	3	3	0	4	0	18
1131	1132	20	3	63.0	10712	1	3	3	0	4	0	11
1132	1133	70	4	90.0	9900	1	3	3	0	4	0	17
1133	1134	60	3	80.0	9828	1	0	3	0	4	0	20
1134	1135	60	3	57.0	8773	1	0	1	0	4	0	8
1135	1136	30	4	60.0	6180	1	3	3	0	0	0	3
1136	1137	50	3	80.0	9600	1	3	3	0	4	0	12
1137	1138	50	3	54.0	6342	1	3	3	0	4	0	19
1138	1139	20	3	69.0	9819	1	0	3	0	4	1	11
1139	1140	30	3	98.0	8731	1	0	3	0	4	0	3
1140	1141	20	3	60.0	7350	1	3	3	0	0	0	12
1141	1142	60	3	69.0	10304	1	0	3	0	1	0	14
1142	1143	60	3	77.0	9965	1	3	3	0	4	0	5
1143	1144	20	3	69.0	9000	1	3	3	0	4	0	19
1144	1145	190	3	60.0	12180	1	3	3	0	4	0	7
1145	1146	50	4	52.0	6240	1	3	3	0	4	0	3
1146	1147	20	3	69.0	11200	1	3	3	0	4	0	20

1147	1148	70	3	75.0	12000	1	3	0	0	4	0	6
1148	1149	50	4	69.0	5700	1	3	3	0	4	0	17
1149	1150	70	4	50.0	9000	1	3	3	0	4	0	17
1150	1151	20	3	57.0	8280	1	0	3	0	4	0	12
1151	1152	20	3	134.0	17755	1	3	3	0	4	0	7
1152	1153	20	3	90.0	14115	1	0	3	0	4	0	6
1153	1154	30	4	69.0	5890	1	3	3	0	0	0	9
1154	1155	60	3	69.0	13700	1	0	3	0	4	0	12
1155	1156	20	3	90.0	10768	1	0	3	0	0	0	24
1156	1157	80	3	85.0	9350	1	3	3	0	4	0	12
1157	1158	120	3	34.0	5001	1	0	3	0	4	0	16
1158	1159	20	3	92.0	11932	1	3	3	0	2	0	21
1159	1160	60	3	76.0	9120	1	3	3	0	4	0	14
1160	1161	160	3	24.0	2280	1	3	3	0	4	0	13
1161	1162	20	3	69.0	14778	1	0	2	0	1	0	6
1162	1163	20	3	109.0	8724	1	3	3	0	4	0	19
1163	1164	90	3	60.0	12900	1	3	3	0	4	0	19
1164	1165	80	3	69.0	16157	1	0	3	0	2	0	24
1165	1166	20	3	79.0	9541	1	0	3	0	4	0	16
1166	1167	20	3	64.0	10475	1	0	3	0	0	0	5
1167	1168	60	3	58.0	10852	1	0	3	0	4	0	8
1168	1169	70	3	120.0	13728	1	3	3	0	0	0	7
1169	1170	60	3	118.0	35760	1	0	3	0	1	0	15
1170	1171	80	3	76.0	9880	1	3	3	0	4	0	11
1171	1172	20	3	76.0	9120	1	3	3	0	4	0	12
1172	1173	160	1	35.0	4017	1	0	3	0	4	0	21
1173	1174	50	3	138.0	18030	1	0	0	0	4	0	4
1174	1175	70	3	80.0	16560	1	0	3	0	4	0	6
1175	1176	50	3	85.0	10678	1	3	3	0	4	0	15
1176	1177	20	3	37.0	6951	1	0	3	0	1	0	11
1177	1178	50	4	69.0	3950	1	3	0	0	4	0	17
1178	1179	50	3	54.0	7681	1	0	3	0	2	0	6
1179	1180	20	3	77.0	8335	1	3	3	0	0	0	7
1180	1181	60	3	69.0	11170	1	1	3	0	0	0	23
1181	1182	120	4	64.0	5587	1	0	1	0	4	1	6
1182	1183	60	3	160.0	15623	1	0	3	0	0	0	15
1183	1184	30	3	60.0	10800	1	3	3	0	4	0	17
1184	1185	20	3	50.0	35133	0	3	3	0	4	1	23
1185	1186	50	3	60.0	9738	1	3	3	0	4	0	7
1186	1187	190	3	107.0	10615	1	0	0	0	0	1	17
1187	1188	20	3	89.0	12461	1	3	3	0	0	0	15
1188	1189	60	3	68.0	8935	1	0	3	0	4	0	5
1189	1190	60	3	60.0	7500	1	3	3	0	4	0	8
1190	1191	190	3	69.0	32463	1	3	2	0	4	1	11
1191	1192	160	1	24.0	2645	1	3	3	0	4	0	21
1192	1193	50	4	60.0	9600	1	3	3	0	4	0	17
1193	1194	120	4	69.0	4500	1	3	3	0	2	0	11
1194	1195	60	3	80.0	9364	1	3	3	0	0	0	19
1195	1196	60	3	51.0	8029	1	0	3	0	4	0	8
1196	1197	60	3	58.0	14054	1	0	3	0	4	0	8
1197	1198	75	4	65.0	8850	1	0	0	0	0	0	17
1198	1199	20	3	70.0	9100	1	3	3	0	4	0	5
1199	1200	20	3	75.0	11235	1	3	3	0	4	0	19
1200	1201	20	3	71.0	9353	1	3	3	0	4	0	12
1201	1202	60	3	80.0	10400	1	3	3	0	0	0	5

1202	1203	50	4	50.0	6000	1	3	3	0	0	0	3
1203	1204	20	3	75.0	9750	1	3	3	0	4	0	5
1204	1205	20	3	78.0	10140	1	3	3	0	4	0	14
1205	1206	20	3	90.0	14684	1	0	3	0	1	0	20
1206	1207	20	2	69.0	8900	1	3	3	0	4	0	20
1207	1208	20	3	70.0	9135	1	3	3	0	4	0	5
1208	1209	20	3	70.0	7763	1	3	3	0	4	0	12
1209	1210	20	3	85.0	10182	1	0	3	0	1	0	21
1210	1211	60	3	70.0	11218	1	3	3	0	4	0	20
1211	1212	50	3	152.0	12134	1	0	0	0	4	1	8
1212	1213	30	3	50.0	9340	1	3	3	0	4	0	7
1213	1214	80	3	69.0	10246	1	0	3	0	1	0	19
1214	1215	85	3	69.0	10205	1	0	3	0	4	0	12
1215	1216	20	3	99.0	7094	1	0	3	0	4	0	19
1216	1217	90	4	68.0	8930	1	3	3	0	4	0	19
1217	1218	20	1	72.0	8640	1	3	3	0	4	0	21
1218	1219	50	4	52.0	6240	1	3	3	0	4	0	3
1219	1220	160	4	21.0	1680	1	3	3	0	4	0	2
1220	1221	20	3	66.0	7800	1	0	3	0	4	0	12
1221	1222	20	3	55.0	8250	1	3	3	0	4	0	19
1222	1223	50	3	78.0	10496	1	3	3	0	4	0	12
1223	1224	20	3	89.0	10680	1	3	3	0	4	0	12
1224	1225	60	3	60.0	15384	1	0	3	0	4	0	8
1225	1226	80	3	65.0	10482	1	3	3	0	4	0	12
1226	1227	60	3	86.0	14598	1	0	3	0	1	0	21
1227	1228	20	3	72.0	8872	1	3	3	0	0	0	12
1228	1229	120	3	65.0	8769	1	3	3	0	0	0	16
1229	1230	80	3	70.0	7910	1	3	3	0	4	0	12
1230	1231	90	3	69.0	18890	1	0	3	0	4	0	19
1231	1232	90	3	70.0	7728	1	3	3	0	4	0	12
1232	1233	90	3	70.0	9842	1	3	3	0	2	0	12
1233	1234	20	3	69.0	12160	1	0	3	0	4	0	12
1234	1235	70	2	55.0	8525	1	3	0	0	4	0	18
1235	1236	70	3	96.0	13132	1	3	3	0	4	0	6
1236	1237	160	3	36.0	2628	1	3	3	0	4	0	16
1237	1238	60	3	41.0	12393	1	1	3	0	2	0	5
1238	1239	20	3	63.0	13072	1	3	3	0	4	0	20
1239	1240	20	3	64.0	9037	1	0	1	0	4	0	23
1240	1241	60	3	65.0	8158	1	3	3	0	4	0	5
1241	1242	20	3	83.0	9849	1	3	3	0	4	0	21
1242	1243	85	3	85.0	10625	1	3	3	0	4	0	14
1243	1244	20	3	107.0	13891	1	3	3	0	4	0	16
1244	1245	70	3	69.0	11435	1	0	1	0	0	1	6
1245	1246	80	3	78.0	12090	1	3	3	0	4	0	14
1246	1247	60	1	65.0	8125	1	3	3	0	4	0	21
1247	1248	80	3	69.0	12328	1	0	3	0	4	0	11
1248	1249	75	4	60.0	9600	1	3	3	0	4	0	17
1249	1250	20	3	60.0	7200	1	3	3	0	4	0	12
1250	1251	20	3	93.0	11160	1	3	3	0	0	0	12
1251	1252	120	3	69.0	3136	1	0	3	0	0	0	16
1252	1253	20	3	62.0	9858	1	3	3	0	4	0	11
1253	1254	60	3	69.0	17542	1	0	3	0	4	0	24
1254	1255	60	3	60.0	6931	1	3	3	0	4	0	7
1255	1256	50	4	52.0	6240	1	3	3	0	4	0	3
1256	1257	20	3	91.0	14303	1	0	3	0	0	0	15

1257	1258	30	3	56.0	4060	1	3	3	0	0	0	7
1258	1259	80	3	59.0	9587	1	0	3	0	4	0	8
1259	1260	20	3	65.0	9750	1	3	3	0	2	0	12
1260	1261	60	3	69.0	24682	1	2	3	0	1	0	8
1261	1262	20	3	80.0	9600	1	3	3	0	4	0	12
1262	1263	50	3	69.0	11250	1	3	3	0	4	0	4
1263	1264	70	3	60.0	13515	1	3	3	0	4	0	3
1264	1265	120	2	34.0	4060	1	3	3	0	4	0	12
1265	1266	160	1	35.0	3735	1	3	3	0	3	0	21
1266	1267	190	4	60.0	10120	1	0	0	0	4	0	17
1267	1268	20	3	89.0	13214	1	0	1	0	4	0	23
1268	1269	50	3	69.0	14100	1	0	3	0	4	1	6
1269	1270	50	3	78.0	11344	1	3	3	0	4	0	12
1270	1271	40	3	69.0	23595	1	3	2	0	4	2	4
1271	1272	20	3	69.0	9156	1	0	3	0	4	0	14
1272	1273	20	3	69.0	13526	1	0	3	0	1	0	19
1273	1274	80	3	124.0	11512	1	0	3	0	0	0	7
1274	1275	50	3	53.0	5362	1	3	3	0	0	0	6
1275	1276	90	3	95.0	11345	1	3	3	0	0	0	12
1276	1277	60	3	69.0	12936	1	0	3	0	1	0	14
1277	1278	80	3	69.0	17871	1	0	3	0	1	0	14
1278	1279	60	3	75.0	9473	1	3	3	0	4	0	5
1279	1280	50	0	60.0	7500	1	3	3	0	4	0	9
1280	1281	20	3	67.0	9808	1	0	3	0	4	0	5
1281	1282	20	3	50.0	8049	1	0	3	0	1	0	23
1282	1283	20	3	61.0	8800	1	0	3	0	4	0	5
1283	1284	90	3	94.0	9400	1	3	2	0	0	0	11
1284	1285	50	3	50.0	9638	1	3	3	0	4	0	18
1285	1286	50	4	50.0	6000	1	3	3	0	4	0	3
1286	1287	20	3	69.0	9790	1	3	3	0	4	0	14
1287	1288	20	3	69.0	36500	1	0	2	0	4	1	4
1288	1289	120	3	40.0	5664	1	0	3	0	4	0	22
1289	1290	60	3	86.0	11065	1	0	3	0	4	0	16
1290	1291	80	3	69.0	14112	1	0	3	0	0	0	12
1291	1292	160	4	21.0	1680	1	3	3	0	4	0	2
1292	1293	70	4	60.0	6600	1	3	3	0	0	0	17
1293	1294	60	3	78.0	10140	1	3	3	0	4	0	14
1294	1295	20	3	60.0	8172	1	3	3	0	4	0	7
1295	1296	20	3	70.0	8400	1	3	3	0	4	0	12
1296	1297	20	3	80.0	8700	1	3	3	0	4	0	12
1297	1298	180	4	35.0	3675	1	3	3	0	4	0	7
1298	1299	60	3	313.0	63887	1	2	0	0	0	0	7
1299	1300	20	3	75.0	7500	1	3	3	0	4	0	12
1300	1301	60	3	69.0	10762	1	0	3	0	1	0	8
1301	1302	70	3	69.0	7500	1	0	0	0	4	0	6
1302	1303	60	3	92.0	10120	1	3	3	0	4	0	15
1303	1304	20	3	73.0	8688	1	3	3	0	4	0	21
1304	1305	160	4	32.0	3363	1	3	3	0	4	0	7
1305	1306	20	3	108.0	13173	1	0	3	0	0	0	16
1306	1307	120	3	48.0	6955	1	0	3	0	4	0	16
1307	1308	20	3	60.0	8072	1	3	3	0	4	0	5
1308	1309	20	4	100.0	12000	1	3	3	0	4	0	17
1309	1310	20	3	69.0	7153	1	3	3	0	4	0	20
1310	1311	20	3	100.0	17500	1	3	3	0	4	0	6
1311	1312	20	3	68.0	8814	1	3	3	0	4	0	5

1312	1313	60	3	69.0	9572	1	0	3	0	4	0	15
1313	1314	60	3	108.0	14774	1	0	3	0	0	0	15
1314	1315	20	3	60.0	8190	1	3	3	0	4	0	7
1315	1316	60	3	85.0	11075	1	3	3	0	4	0	12
1316	1317	20	3	61.0	10226	1	0	3	0	4	0	5
1317	1318	120	1	47.0	4230	1	3	3	0	0	0	21
1318	1319	20	3	69.0	14781	1	1	3	0	1	0	5
1319	1320	20	3	75.0	10215	1	3	0	0	4	0	7
1320	1321	20	3	70.0	8400	1	3	3	0	4	0	12
1321	1322	20	3	69.0	6627	1	0	3	0	0	0	3
1322	1323	60	3	107.0	10186	1	0	3	0	4	0	15
1323	1324	30	3	50.0	5330	1	3	1	0	4	0	3
1324	1325	20	3	75.0	9986	1	3	3	0	4	0	21
1325	1326	30	4	40.0	3636	1	3	3	0	4	0	9
1326	1327	30	2	70.0	4270	1	3	0	0	4	1	7
1327	1328	20	3	60.0	6600	1	3	3	0	4	0	11
1328	1329	50	4	60.0	10440	1	3	3	0	0	0	17
1329	1330	60	3	63.0	9084	1	0	3	0	4	0	8
1330	1331	20	3	85.0	10000	1	3	3	0	4	0	21
1331	1332	80	3	55.0	10780	1	0	3	0	4	0	5
1332	1333	20	3	67.0	8877	1	3	3	0	4	1	7
1333	1334	50	4	60.0	7200	1	3	3	0	0	0	9
1334	1335	160	4	24.0	2368	1	3	3	0	4	0	2
1335	1336	20	3	80.0	9650	1	3	3	0	4	0	14
1336	1337	90	3	87.0	9246	1	0	3	0	4	0	14
1337	1338	30	4	153.0	4118	1	0	0	0	0	1	17
1338	1339	60	3	95.0	13450	1	0	3	0	0	0	5
1339	1340	20	3	120.0	9560	1	0	3	0	0	0	5
1340	1341	20	3	70.0	8294	1	3	3	0	4	0	12
1341	1342	20	3	66.0	13695	1	3	3	0	4	0	20
1342	1343	60	3	69.0	9375	1	3	3	0	4	0	5
1343	1344	50	3	57.0	7558	1	3	0	0	4	0	6
1344	1345	60	3	85.0	11103	1	0	3	0	0	0	5
1345	1346	30	4	50.0	6000	1	3	3	0	4	0	17
1346	1347	20	3	69.0	20781	1	1	3	0	1	0	14
1347	1348	20	3	93.0	15306	1	0	1	0	0	0	23
1348	1349	20	3	69.0	16196	1	2	2	0	4	0	20
1349	1350	70	4	50.0	5250	1	3	3	0	4	0	17
1350	1351	90	3	91.0	11643	1	3	3	0	4	0	12
1351	1352	60	3	70.0	9247	1	0	3	0	4	0	12
1352	1353	50	4	50.0	6000	1	3	3	0	4	0	3
1353	1354	50	3	56.0	14720	1	0	3	0	1	0	15
1354	1355	60	3	69.0	10316	1	0	3	0	4	0	5
1355	1356	80	3	102.0	10192	1	0	3	0	4	0	14
1356	1357	20	3	69.0	9477	1	3	3	0	0	0	12
1357	1358	20	3	69.0	12537	1	0	3	0	1	0	12
1358	1359	160	1	69.0	2117	1	3	3	0	4	0	21
1359	1360	20	3	129.0	16737	1	3	3	0	3	0	16
1360	1361	70	3	51.0	9842	1	3	3	0	4	0	18
1361	1362	20	3	124.0	16158	1	0	2	0	4	1	22
1362	1363	50	3	69.0	12513	1	0	3	0	2	0	12
1363	1364	60	3	73.0	8499	1	0	3	0	4	0	8
1364	1365	160	1	30.0	3180	1	3	3	0	4	0	21
1365	1366	60	1	69.0	7500	1	3	3	0	4	0	21

1366	1367	60	3	68.0	9179	1	0	3	0	4	0	5
1367	1368	160	4	41.0	2665	1	3	3	0	4	0	10
1368	1369	120	4	69.0	4435	1	3	3	0	4	0	5
1369	1370	20	3	48.0	10635	1	1	3	0	2	0	5
1370	1371	50	3	90.0	5400	1	3	3	0	0	0	17
1371	1372	80	3	80.0	9600	1	3	3	0	4	0	12
1372	1373	60	3	75.0	9750	1	3	3	0	0	0	5
1373	1374	20	3	69.0	11400	1	3	3	0	4	0	15
1374	1375	60	1	85.0	10625	1	3	3	0	4	0	21
1375	1376	20	3	89.0	10991	1	0	1	0	4	0	23
1376	1377	30	3	52.0	6292	1	3	0	0	4	0	18
1377	1378	50	3	60.0	10998	1	3	3	0	4	0	7
1378	1379	160	4	21.0	1953	1	3	3	0	4	0	2
1379	1380	80	3	73.0	9735	1	3	3	0	4	0	23
1380	1381	30	3	45.0	8212	1	3	3	0	4	0	7
1381	1382	20	3	69.0	12925	1	0	3	0	0	0	12
1382	1383	70	4	60.0	7200	1	3	3	0	0	0	17
1383	1384	30	3	69.0	25339	1	3	3	0	4	0	19
1384	1385	50	3	60.0	9060	1	3	3	0	4	0	7
1385	1386	50	4	40.0	5436	1	3	3	0	4	0	9
1386	1387	60	3	80.0	16692	1	0	3	0	4	0	14
1387	1388	50	4	60.0	8520	1	3	3	0	4	0	17
1388	1389	20	3	42.0	14892	1	0	1	0	1	0	8
1389	1390	50	4	60.0	6000	1	3	3	0	4	0	3
1390	1391	20	3	70.0	9100	1	3	3	0	4	0	5
1391	1392	90	3	65.0	8944	1	3	3	0	4	0	12
1392	1393	85	3	68.0	7838	1	3	3	0	4	0	12
1393	1394	190	4	60.0	10800	1	3	3	0	4	0	17
1394	1395	120	3	53.0	4045	1	3	3	0	4	0	0
1395	1396	60	3	88.0	12665	1	0	3	0	4	0	23
1396	1397	20	3	69.0	57200	1	0	0	0	4	2	23
1397	1398	70	4	51.0	6120	1	3	3	0	4	0	3
1398	1399	50	3	60.0	7200	1	3	3	0	4	0	12
1399	1400	50	3	51.0	6171	1	3	3	0	4	0	18
1400	1401	50	4	50.0	6000	1	3	3	0	0	0	3
1401	1402	60	3	62.0	7415	1	0	3	0	4	0	8
1402	1403	20	3	64.0	6762	1	3	3	0	4	0	5
1403	1404	20	3	49.0	15256	1	0	3	0	1	0	21
1404	1405	50	3	60.0	10410	1	3	3	0	0	0	17
1405	1406	120	4	44.0	3842	1	0	1	0	4	1	6
1406	1407	85	3	70.0	8445	1	3	3	0	0	0	5
1407	1408	20	3	69.0	8780	1	0	3	0	0	0	11
1408	1409	70	4	60.0	7740	1	3	3	0	4	0	17
1409	1410	60	3	46.0	20544	1	0	3	0	1	0	14
1410	1411	60	3	79.0	12420	1	3	3	0	4	0	5
1411	1412	50	3	80.0	9600	1	3	3	0	4	0	12
1412	1413	90	3	60.0	7200	1	3	3	0	4	0	12
1413	1414	20	3	88.0	10994	1	0	3	0	0	0	20
1414	1415	50	3	64.0	13053	1	3	0	0	4	0	3
1415	1416	120	3	51.0	3635	1	3	3	0	4	0	0
1416	1417	190	4	60.0	11340	1	3	3	0	4	0	17
1417	1418	60	3	69.0	16545	1	0	3	0	4	0	15
1418	1419	20	3	71.0	9204	1	3	3	0	4	0	12
1419	1420	20	3	69.0	16381	1	0	3	0	4	0	6
1420	1421	60	3	90.0	11700	1	3	3	0	0	0	14

1421	1422	120	3	53.0	4043	1	3	3	0	4	0	13
1422	1423	120	4	37.0	4435	1	3	3	0	4	0	5
1423	1424	80	3	69.0	19690	1	0	3	0	1	0	7
1424	1425	20	3	69.0	9503	1	3	3	0	4	0	12
1425	1426	20	3	80.0	10721	1	0	3	0	4	0	12
1426	1427	60	3	81.0	10944	1	0	3	0	4	0	15
1427	1428	50	3	60.0	10930	1	3	0	0	4	0	12
1428	1429	30	4	60.0	7200	1	3	3	0	0	0	17
1429	1430	20	3	69.0	12546	1	0	3	0	0	0	14
1430	1431	60	3	60.0	21930	1	2	3	0	4	0	8
1431	1432	120	3	69.0	4928	1	0	3	0	4	0	13
1432	1433	30	3	60.0	10800	1	3	3	0	4	0	17
1433	1434	60	3	93.0	10261	1	0	3	0	4	0	8
1434	1435	20	3	80.0	17400	1	3	2	0	4	1	11
1435	1436	20	3	80.0	8400	1	3	3	0	4	0	12
1436	1437	20	3	60.0	9000	1	3	3	0	2	0	12
1437	1438	20	3	96.0	12444	1	3	3	0	2	0	16
1438	1439	20	4	90.0	7407	1	3	3	0	4	0	17
1439	1440	60	3	80.0	11584	1	3	3	0	4	0	14
1440	1441	70	3	79.0	11526	1	0	0	0	4	1	6
1441	1442	120	4	69.0	4426	1	3	3	0	4	0	5
1442	1443	60	1	85.0	11003	1	3	3	0	4	0	21
1443	1444	30	3	69.0	8854	1	3	3	0	4	0	3
1444	1445	20	3	63.0	8500	1	3	3	0	2	0	5
1445	1446	85	3	70.0	8400	1	3	3	0	4	0	19
1446	1447	20	3	69.0	26142	1	0	3	0	1	0	11
1447	1448	60	3	80.0	10000	1	3	3	0	4	0	5
1448	1449	50	3	70.0	11767	1	3	3	0	4	0	7
1449	1450	180	4	21.0	1533	1	3	3	0	4	0	10
1450	1451	90	3	60.0	9000	1	3	3	0	2	0	12
1451	1452	20	3	78.0	9262	1	3	3	0	4	0	21
1452	1453	180	4	35.0	3675	1	3	3	0	4	0	7
1453	1454	20	3	90.0	17217	1	3	3	0	4	0	11
1454	1455	20	1	62.0	7500	1	3	3	0	4	0	21
1455	1456	60	3	62.0	7917	1	3	3	0	4	0	8
1456	1457	20	3	85.0	13175	1	3	3	0	4	0	14
1457	1458	70	3	66.0	9042	1	3	3	0	4	0	6
1458	1459	20	3	68.0	9717	1	3	3	0	4	0	12
1459	1460	20	3	75.0	9937	1	3	3	0	4	0	7

Outlier detection

```
In [62]: def outliers(col):
    q1=np.quantile(df[col],.25)
    q3=np.quantile(df[col],.75)

    iqr=q3-q1

    lr=q1-(1.5*iqr)
    ur=q3+(1.5*iqr)
    lower_per=round(df[df[col]<lr][col].count()/df.shape[0],2)
    upper_per=round(df[df[col]>ur][col].count()/df.shape[0],2)

    return print(f'the outliers percentage of {col} for lower_range is {lower_per}, for upper_range is {upper_per}')


In [63]: for i in df.select_dtypes(exclude='object').columns:
    outliers(i)
```

the outliers percentage of Id for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of MSSubClass for lower_range is 0.0, for upper_range is 0.07
the outliers percentage of MSZoning for lower_range is 0.06, for upper_range is 0.15
the outliers percentage of LotFrontage for lower_range is 0.03, for upper_range is 0.04
the outliers percentage of LotArea for lower_range is 0.0, for upper_range is 0.05
the outliers percentage of Street for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of LotShape for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of LandContour for lower_range is 0.1, for upper_range is 0.0
the outliers percentage of Utilities for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of LotConfig for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of LandSlope for lower_range is 0.0, for upper_range is 0.05
the outliers percentage of Neighborhood for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of Condition1 for lower_range is 0.09, for upper_range is 0.05
the outliers percentage of Condition2 for lower_range is 0.01, for upper_range is 0.0
the outliers percentage of BldgType for lower_range is 0.0, for upper_range is 0.16
the outliers percentage of HouseStyle for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of OverallQual for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of OverallCond for lower_range is 0.02, for upper_range is 0.06
the outliers percentage of YearBuilt for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of YearRemodAdd for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of RoofStyle for lower_range is 0.01, for upper_range is 0.21
the outliers percentage of RoofMatl for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of Exterior1st for lower_range is 0.01, for upper_range is 0.0
the outliers percentage of Exterior2nd for lower_range is 0.01, for upper_range is 0.0
the outliers percentage of MasVnrType for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of MasVnrArea for lower_range is 0.0, for upper_range is 0.07
the outliers percentage of ExterQual for lower_range is 0.04, for upper_range is 0.0
the outliers percentage of ExterCond for lower_range is 0.12, for upper_range is 0.0
the outliers percentage of Foundation for lower_range is 0.0, for upper_range is 0.01
the outliers percentage of BsmtQual for lower_range is 0.08, for upper_range is 0.0
the outliers percentage of BsmtCond for lower_range is 0.08, for upper_range is 0.0
the outliers percentage of BsmtExposure for lower_range is 0.15, for upper_range is 0.0
the outliers percentage of BsmtFinType1 for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of BsmtFinSF1 for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of BsmtFinType2 for lower_range is 0.11, for upper_range is 0.0
the outliers percentage of BsmtFinSF2 for lower_range is 0.0, for upper_range is 0.11
the outliers percentage of BsmtUnfSF for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of TotalBsmtSF for lower_range is 0.03, for upper_range is 0.02
the outliers percentage of Heating for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of HeatingQC for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of CentralAir for lower_range is 0.07, for upper_range is 0.0
the outliers percentage of Electrical for lower_range is 0.09, for upper_range is 0.0
the outliers percentage of 1stFlrSF for lower_range is 0.0, for upper_range is 0.01
the outliers percentage of 2ndFlrSF for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of LowQualFinSF for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of GrLivArea for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of BsmtFullBath for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of BsmtHalfBath for lower_range is 0.0, for upper_range is 0.06
the outliers percentage of FullBath for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of HalfBath for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of BedroomAbvGr for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of KitchenAbvGr for lower_range is 0.0, for upper_range is 0.05
the outliers percentage of KitchenQual for lower_range is 0.07, for upper_range is 0.0
the outliers percentage of TotRmsAbvGrd for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of Functional for lower_range is 0.07, for upper_range is 0.0
the outliers percentage of Fireplaces for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of GarageType for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of GarageYrBlt for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of GarageFinish for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of GarageCars for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of GarageArea for lower_range is 0.0, for upper_range is 0.01
the outliers percentage of GarageQual for lower_range is 0.05, for upper_range is 0.0
the outliers percentage of GarageCond for lower_range is 0.04, for upper_range is 0.0
the outliers percentage of PavedDrive for lower_range is 0.08, for upper_range is 0.0
the outliers percentage of WoodDeckSF for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of OpenPorchSF for lower_range is 0.0, for upper_range is 0.05
the outliers percentage of EnclosedPorch for lower_range is 0.0, for upper_range is 0.14
the outliers percentage of 3SsnPorch for lower_range is 0.0, for upper_range is 0.02
the outliers percentage of ScreenPorch for lower_range is 0.0, for upper_range is 0.08
the outliers percentage of PoolArea for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of MiscVal for lower_range is 0.0, for upper_range is 0.04
the outliers percentage of MoSold for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of YrSold for lower_range is 0.0, for upper_range is 0.0
the outliers percentage of SaleType for lower_range is 0.13, for upper_range is 0.0
the outliers percentage of SaleCondition for lower_range is 0.09, for upper_range is 0.09

Splitting the data into independent variables and dependent variables

In [34]: X=df.drop('SalePrice',axis=1)
y=df.pop('SalePrice')

In [35]: X.head()

Out[35]:	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood	Condition
0	1	60	3	65.0	8450	1	3	3	0	4	0	5	
1	2	20	3	80.0	9600	1	3	3	0	2	0	24	
2	3	60	3	68.0	11250	1	0	3	0	4	0	5	
3	4	70	3	60.0	9550	1	0	3	0	0	0	6	
4	5	60	3	84.0	14260	1	0	3	0	2	0	15	

```
In [36]: y.head()
```

```
Out[36]: 0    208500
1    181500
2    223500
3    140000
4    250000
Name: SalePrice, dtype: int64
```

Splitting data into test and train

```
In [37]: from sklearn.model_selection import train_test_split
```

```
In [38]: X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.33, random_state=15)
```

```
In [39]: X_train.head()
```

Out[39]:	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood	C
	1103	1104	20	3	79.0	8910	1	3	3	0	0	0	12
	169	170	20	3	69.0	16669	1	0	3	0	0	0	23
	723	724	50	3	60.0	8172	1	3	3	0	4	0	7
	563	564	50	3	66.0	21780	1	3	3	0	4	0	7
	1230	1231	90	3	69.0	18890	1	0	3	0	4	0	19

```
In [40]: y_train.head()
```

```
Out[40]: 1103    159500
169     228000
723     135000
563     185000
1230    190000
Name: SalePrice, dtype: int64
```

Fitting linear regression model

```
In [41]: from sklearn.linear_model import LinearRegression
```

```
In [42]: lr = LinearRegression()
```

```
In [43]: lr = lr.fit(X_train,y_train)
```

```
In [44]: lr.coef_
```

```
Out[44]: array([-8.86124782e-01, -9.93313637e+01, -2.50496831e+02, -9.23288578e+01,
 3.03096773e-01, 3.19049321e+04, -1.13958060e+03, 5.00392395e+03,
 7.87423460e-09, 1.41652450e+02, 1.05425423e+04, 5.63709011e+02,
-2.08927764e+02, -7.88399749e+03, -2.54963923e+03, -1.43818386e+03,
1.10446398e+04, 4.98150709e+03, 2.22104099e+02, 3.60826797e+01,
2.35688388e+03, 5.80862798e+03, -5.28399581e+01, -4.85837576e+02,
1.70443637e+03, 1.23933148e+01, -1.04502668e+04, 1.05868516e+03,
-1.06837461e+03, -1.00166676e+04, 2.71156826e+03, -3.42419058e+03,
-1.26741883e+03, -1.77416518e+00, 5.09781591e+02, 6.33018356e+00,
-1.86529356e+00, 2.69072483e+00, -2.02924739e+03, -9.29476482e+02,
-2.80945791e+02, -2.40249849e+02, 2.15355641e+01, 2.18037891e+01,
-1.86782898e+01, 2.46610633e+01, 8.47057704e+03, 2.40313460e+03,
4.06023377e+03, -2.40361648e+03, -7.59998657e+02, -4.58799993e+03,
-8.80653866e+03, 1.72604236e+03, 3.43112104e+03, 4.80698465e+03,
-4.59372794e+02, -2.54949204e+01, -8.01566755e+02, 1.05651440e+04,
8.41459568e-01, 1.01470030e+02, 1.85594452e+03, 1.13480348e+03,
1.53984728e+01, -1.40037971e+01, 3.63775299e+00, 3.32487346e+01,
4.83251191e+01, -1.01401108e+01, -3.99486308e+00, -3.08544137e+02,
-8.70772905e+02, -4.08333016e+02, 1.83629556e+03])
```

In [45]: X_test

Out[45]:

	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood	C
1342	1343	60	3	69.0	9375	1	3	3	0	4	0	5	
448	449	50	4	50.0	8600	1	3	0	0	4	0	9	
44	45	20	3	70.0	7945	1	3	3	0	4	0	12	
38	39	20	3	68.0	7922	1	3	3	0	4	0	12	
1165	1166	20	3	79.0	9541	1	0	3	0	4	0	16	
469	470	60	3	76.0	9291	1	0	3	0	0	0	20	
842	843	80	3	82.0	9020	1	3	3	0	4	0	12	
432	433	160	4	24.0	1920	1	3	3	0	4	0	2	
632	633	20	3	85.0	11900	1	3	3	0	4	0	14	
257	258	20	3	68.0	8814	1	3	3	0	4	0	5	
1002	1003	20	3	75.0	11957	1	0	3	0	4	0	21	
557	558	50	0	60.0	11040	1	3	2	0	4	1	9	
644	645	20	1	85.0	9187	1	3	3	0	4	0	21	
411	412	190	3	100.0	34650	1	3	0	0	4	0	8	
1084	1085	60	3	69.0	13031	1	1	3	0	0	0	8	
867	868	20	3	85.0	6970	1	3	3	0	0	0	19	
897	898	90	3	64.0	7018	1	3	3	0	4	0	20	
1424	1425	20	3	69.0	9503	1	3	3	0	4	0	12	
907	908	50	3	86.0	11500	1	0	3	0	4	0	6	
1147	1148	70	3	75.0	12000	1	3	0	0	4	0	6	
853	854	80	3	69.0	12095	1	0	3	0	0	0	12	
100	101	20	3	69.0	10603	1	0	3	0	4	0	14	
971	972	160	3	36.0	2268	1	3	3	0	4	0	16	
1078	1079	120	4	37.0	4435	1	3	3	0	4	0	5	
612	613	60	3	69.0	11885	1	3	3	0	4	0	5	
637	638	190	4	50.0	6000	1	3	3	0	4	0	17	
1300	1301	60	3	69.0	10762	1	0	3	0	1	0	8	
465	466	120	4	69.0	3072	1	3	3	0	4	0	0	
740	741	70	4	60.0	9600	1	3	3	0	4	0	17	
1199	1200	20	3	75.0	11235	1	3	3	0	4	0	19	
1422	1423	120	4	37.0	4435	1	3	3	0	4	0	5	
28	29	20	3	47.0	16321	1	0	3	0	1	0	12	
1163	1164	90	3	60.0	12900	1	3	3	0	4	0	19	
1429	1430	20	3	69.0	12546	1	0	3	0	0	0	14	
237	238	60	3	69.0	9453	1	0	3	0	1	0	20	
1344	1345	60	3	85.0	11103	1	0	3	0	0	0	5	
696	697	30	4	50.0	6000	1	3	3	0	4	0	3	
8	9	50	4	51.0	6120	1	3	3	0	4	0	17	
669	670	30	3	80.0	11600	1	3	3	0	4	0	6	
24	25	20	3	69.0	8246	1	0	3	0	4	0	19	
1259	1260	20	3	65.0	9750	1	3	3	0	2	0	12	
1354	1355	60	3	69.0	10316	1	0	3	0	4	0	5	
629	630	80	3	82.0	9020	1	3	3	0	0	0	12	
170	171	50	4	69.0	12358	1	0	3	0	4	0	17	
949	950	20	3	78.0	9360	1	3	3	0	4	0	14	
184	185	50	3	92.0	7438	1	0	3	0	4	0	3	
146	147	30	4	51.0	6120	1	3	3	0	0	0	3	
1289	1290	60	3	86.0	11065	1	0	3	0	4	0	16	
92	93	30	3	80.0	13360	1	0	1	0	4	0	6	
595	596	20	3	69.0	11302	1	0	3	0	4	0	22	
209	210	20	3	75.0	8250	1	3	3	0	4	0	12	
1124	1125	80	3	69.0	9125	1	0	3	0	4	0	8	
1373	1374	20	3	69.0	11400	1	3	3	0	4	0	15	

242	243	50	4	63.0	5000	1	3	3	0	0	0	17
1352	1353	50	4	50.0	6000	1	3	3	0	4	0	3
230	231	20	3	73.0	8760	1	3	3	0	4	0	12
423	424	60	3	80.0	9200	1	3	3	0	4	0	15
747	748	70	4	65.0	11700	1	0	3	0	0	0	17
1234	1235	70	2	55.0	8525	1	3	0	0	4	0	18
1064	1065	20	3	69.0	11000	1	0	3	0	1	0	12
453	454	60	1	75.0	9000	1	3	3	0	4	0	21
270	271	60	1	84.0	10728	1	3	3	0	4	0	21
99	100	20	3	77.0	9320	1	0	3	0	4	0	12
589	590	40	4	50.0	9100	1	3	3	0	4	0	3
288	289	20	3	69.0	9819	1	0	3	0	4	0	19
310	311	60	3	69.0	7685	1	0	3	0	4	0	8
1366	1367	60	3	68.0	9179	1	0	3	0	4	0	5
1343	1344	50	3	57.0	7558	1	3	0	0	4	0	6
334	335	60	3	59.0	9042	1	0	3	0	4	0	8
784	785	75	4	35.0	6300	1	3	3	0	4	0	17
1098	1099	50	4	50.0	6000	1	3	3	0	4	0	3
823	824	50	3	60.0	9900	1	3	3	0	4	0	18
1119	1120	20	3	70.0	7560	1	3	3	0	4	0	12
530	531	80	3	85.0	10200	1	3	3	0	4	0	23
120	121	80	3	69.0	21453	1	0	2	0	1	2	4
826	827	45	4	50.0	6130	1	3	3	0	4	0	3
837	838	160	4	21.0	1680	1	3	3	0	4	0	2
446	447	20	3	137.0	16492	1	0	3	0	0	0	12
946	947	80	3	70.0	8163	1	3	3	0	4	0	12
438	439	30	3	40.0	4280	1	3	3	0	4	0	6
920	921	60	3	70.0	8462	1	0	3	0	4	0	20
1202	1203	50	4	50.0	6000	1	3	3	0	0	0	3
145	146	160	4	24.0	2522	1	3	3	0	4	0	7
710	711	30	3	56.0	4130	1	0	3	0	4	0	3
47	48	20	1	84.0	11096	1	3	3	0	4	0	21
350	351	120	3	68.0	7820	1	0	3	0	4	0	16
688	689	20	3	60.0	8089	1	3	1	0	4	0	22
243	244	160	3	75.0	10762	1	3	3	0	0	0	20
918	919	60	3	103.0	13125	1	0	3	0	0	0	20
504	505	160	3	24.0	2308	1	3	3	0	4	0	13
1170	1171	80	3	76.0	9880	1	3	3	0	4	0	11
482	483	70	4	50.0	2500	1	3	3	0	0	0	17
683	684	20	3	90.0	11248	1	0	3	0	0	0	5
697	698	20	3	57.0	6420	1	0	3	0	4	0	7
1049	1050	20	3	60.0	11100	1	3	2	0	4	0	7
128	129	60	3	69.0	7590	1	3	3	0	4	0	12
1174	1175	70	3	80.0	16560	1	0	3	0	4	0	6
187	188	50	3	60.0	10410	1	3	3	0	4	0	17
1276	1277	60	3	69.0	12936	1	0	3	0	1	0	14
305	306	20	3	80.0	10386	1	3	3	0	4	0	5
479	480	30	4	50.0	5925	1	3	0	0	4	0	17
10	11	20	3	70.0	11200	1	3	3	0	4	0	19
401	402	20	3	65.0	8767	1	0	3	0	4	0	5
1219	1220	160	4	21.0	1680	1	3	3	0	4	0	2
1217	1218	20	1	72.0	8640	1	3	3	0	4	0	21
94	95	60	3	69.0	9337	1	0	3	0	4	0	5
772	773	80	3	94.0	7819	1	3	3	0	4	0	7

1372	1373	60	3	75.0	9750	1	3	3	0	0	0	5
87	88	160	1	40.0	3951	1	3	3	0	0	0	21
910	911	90	3	80.0	11600	1	3	3	0	0	0	12
361	362	50	3	69.0	9144	1	3	3	0	4	0	3
1458	1459	20	3	68.0	9717	1	3	3	0	4	0	12
302	303	20	3	118.0	13704	1	0	3	0	0	0	5
90	91	20	3	60.0	7200	1	3	3	0	4	0	12
900	901	20	3	69.0	7340	1	0	3	0	4	0	12
1374	1375	60	1	85.0	10625	1	3	3	0	4	0	21
1175	1176	50	3	85.0	10678	1	3	3	0	4	0	15
346	347	20	3	69.0	12772	1	0	3	0	1	0	12
211	212	20	3	83.0	10420	1	3	3	0	0	0	7
1256	1257	20	3	91.0	14303	1	0	3	0	0	0	15
43	44	20	3	69.0	9200	1	0	3	0	1	0	5
1346	1347	20	3	69.0	20781	1	1	3	0	1	0	14
787	788	60	3	76.0	10142	1	0	3	0	4	0	20
218	219	50	3	69.0	15660	1	0	3	0	0	0	6
524	525	60	3	95.0	11787	1	0	3	0	4	0	15
1347	1348	20	3	93.0	15306	1	0	1	0	0	0	23
1331	1332	80	3	55.0	10780	1	0	3	0	4	0	5
1062	1063	190	4	85.0	13600	1	3	3	0	4	0	17
119	120	60	3	65.0	8461	1	3	3	0	4	0	5
1054	1055	60	3	90.0	11367	1	3	3	0	0	0	5
944	945	20	3	69.0	14375	1	0	3	1	1	0	23
834	835	20	3	75.0	7875	1	3	3	0	4	0	12
452	453	60	3	69.0	9303	1	0	3	0	0	0	23
225	226	160	4	21.0	1680	1	3	3	0	4	0	2
449	450	50	4	50.0	6000	1	3	3	0	4	0	17
77	78	50	4	50.0	8635	1	3	3	0	4	0	3
862	863	20	3	81.0	9672	1	3	3	0	0	0	20
977	978	120	1	35.0	4274	1	0	3	0	4	0	21
1183	1184	30	3	60.0	10800	1	3	3	0	4	0	17
335	336	190	3	69.0	164660	0	0	1	0	0	2	23
880	881	20	3	60.0	7024	1	3	3	0	4	0	7
794	795	60	3	69.0	10832	1	0	3	0	0	0	8
762	763	60	1	72.0	8640	1	3	3	0	4	0	21
1336	1337	90	3	87.0	9246	1	0	3	0	4	0	14
638	639	30	3	67.0	8777	1	3	3	0	4	0	7
763	764	60	3	82.0	9430	1	3	3	0	4	0	15
1130	1131	50	3	65.0	7804	1	3	3	0	4	0	18
1271	1272	20	3	69.0	9156	1	0	3	0	4	0	14
687	688	160	1	69.0	5105	1	1	3	0	2	0	21
488	489	190	3	60.0	10800	1	3	3	0	0	0	17
733	734	20	3	80.0	10000	1	3	3	0	0	0	19
227	228	160	4	21.0	1869	1	3	3	0	4	0	2
393	394	30	3	69.0	7446	1	3	3	0	0	0	3
380	381	50	3	50.0	5000	1	3	3	0	4	0	18
1312	1313	60	3	69.0	9572	1	0	3	0	4	0	15
1249	1250	20	3	60.0	7200	1	3	3	0	4	0	12
1071	1072	60	3	78.0	11700	1	3	3	0	4	0	14
570	571	90	3	74.0	13101	1	0	3	0	4	0	12
471	472	60	3	92.0	11952	1	3	3	0	4	0	14
532	533	20	3	60.0	7200	1	3	3	0	4	0	12
1076	1077	50	3	60.0	10800	1	3	3	0	4	0	17
1457	1458	70	3	66.0	9042	1	3	3	0	4	0	6

871	872	60	3	70.0	8750	1	3	3	0	4	0	5
1079	1080	20	3	65.0	8775	1	3	3	0	4	0	5
963	964	20	3	122.0	11923	1	0	3	0	0	0	5
144	145	90	4	70.0	9100	1	3	3	0	4	0	19
109	110	20	3	105.0	11751	1	0	3	0	4	0	14
1168	1169	70	3	120.0	13728	1	3	3	0	0	0	7
354	355	50	3	60.0	8400	1	3	0	0	4	0	18
620	621	30	3	45.0	8248	1	3	3	0	4	0	7
396	397	20	3	60.0	7200	1	3	2	0	4	0	5
919	920	20	3	87.0	11029	1	0	3	0	0	0	12
303	304	20	3	70.0	9800	1	3	3	0	0	0	5
827	828	20	3	65.0	8529	1	0	3	0	4	0	20
1332	1333	20	3	67.0	8877	1	3	3	0	4	1	7
954	955	90	3	35.0	9400	1	0	3	0	1	0	7
126	127	120	3	69.0	4928	1	0	3	0	4	0	13
1114	1115	20	3	90.0	5400	1	3	3	0	4	0	17
1090	1091	90	3	60.0	8544	1	3	3	0	0	0	12
420	421	90	4	78.0	7060	1	3	3	0	4	0	11
113	114	20	3	69.0	21000	1	3	0	0	0	0	6
661	662	60	3	52.0	46589	1	1	3	0	1	0	15
1215	1216	20	3	99.0	7094	1	0	3	0	4	0	19
267	268	75	3	60.0	8400	1	3	0	0	4	1	18
1136	1137	50	3	80.0	9600	1	3	3	0	4	0	12
1088	1089	160	4	24.0	2522	1	3	3	0	4	0	7
591	592	60	3	97.0	13478	1	0	3	0	0	0	16
194	195	20	3	60.0	7180	1	0	3	0	4	0	5
116	117	20	3	69.0	11616	1	3	3	0	4	0	19
273	274	20	3	80.0	9600	1	3	3	0	4	0	12
256	257	60	1	64.0	8791	1	0	3	0	4	0	21
1442	1443	60	1	85.0	11003	1	3	3	0	4	0	21
815	816	20	3	48.0	12137	1	1	3	0	1	0	5
228	229	20	3	70.0	8521	1	3	3	0	2	0	19
1023	1024	120	3	43.0	3182	1	3	3	0	4	0	0
659	660	20	3	75.0	9937	1	3	3	0	0	0	7
1367	1368	160	4	41.0	2665	1	3	3	0	4	0	10
1186	1187	190	3	107.0	10615	1	0	0	0	0	1	17
1129	1130	90	4	60.0	7200	1	3	3	0	4	0	17
161	162	60	3	110.0	13688	1	0	3	0	4	0	16
1009	1010	50	3	60.0	6000	1	3	3	0	4	0	18
1044	1045	20	3	80.0	9600	1	3	3	0	4	0	14
858	859	20	3	80.0	10400	1	3	3	0	4	0	14
262	263	80	3	88.0	8471	1	0	3	0	0	0	19
1190	1191	190	3	69.0	32463	1	3	2	0	4	1	11
125	126	190	4	60.0	6780	1	3	3	0	4	0	9
566	567	60	3	77.0	11198	1	0	3	0	4	0	22
179	180	30	4	60.0	8520	1	3	3	0	4	0	17
1433	1434	60	3	93.0	10261	1	0	3	0	4	0	8
716	717	70	4	60.0	10800	1	3	0	0	4	0	17
1117	1118	20	3	57.0	9764	1	0	3	0	2	0	19
780	781	20	3	63.0	7875	1	3	3	0	4	0	8
1326	1327	30	2	70.0	4270	1	3	0	0	4	1	7
847	848	20	3	36.0	15523	1	0	3	0	1	0	5
25	26	20	3	110.0	14230	1	3	3	0	0	0	16
618	619	20	3	90.0	11694	1	3	3	0	4	0	16
210	211	30	3	67.0	5604	1	3	3	0	4	0	7

737	738	60	3	72.0	10463	1	0	1	0	1	0	8
1324	1325	20	3	75.0	9986	1	3	3	0	4	0	21
554	555	60	3	85.0	10625	1	3	3	0	4	0	16
1005	1006	80	3	65.0	8385	1	3	3	0	4	0	5
1160	1161	160	3	24.0	2280	1	3	3	0	4	0	13
1069	1070	45	3	60.0	9600	1	3	3	0	4	0	12
980	981	85	3	69.0	12122	1	0	3	0	0	0	12
484	485	20	3	69.0	7758	1	0	3	0	0	0	19
204	205	50	4	50.0	3500	1	3	3	0	4	0	17
703	704	190	4	76.0	7630	1	3	3	0	4	0	17
550	551	120	3	53.0	4043	1	3	3	0	4	0	13
1451	1452	20	3	78.0	9262	1	3	3	0	4	0	21
1244	1245	70	3	69.0	11435	1	0	1	0	0	1	6
811	812	120	4	69.0	4438	1	3	3	0	4	0	5
408	409	60	3	109.0	14154	1	3	3	0	0	0	16
276	277	20	3	129.0	9196	1	0	3	0	4	0	11
1169	1170	60	3	118.0	35760	1	0	3	0	1	0	15
657	658	70	3	60.0	7200	1	3	1	0	4	1	6
1180	1181	60	3	69.0	11170	1	1	3	0	0	0	23
700	701	20	3	85.0	14331	1	3	3	0	4	0	23
514	515	45	3	55.0	10594	1	3	3	0	4	0	6
831	832	160	1	30.0	3180	1	3	3	0	4	0	21
652	653	60	3	70.0	8750	1	3	3	0	4	0	5
1209	1210	20	3	85.0	10182	1	0	3	0	1	0	21
556	557	20	3	69.0	14850	1	0	3	0	4	0	12
1058	1059	60	3	96.0	11308	1	0	3	0	4	0	16
1052	1053	60	3	100.0	9500	1	3	3	0	0	0	12
991	992	70	4	121.0	17671	1	3	3	0	0	0	17
1036	1037	20	3	89.0	12898	1	0	1	0	4	0	23
1302	1303	60	3	92.0	10120	1	3	3	0	4	0	15
805	806	20	3	91.0	12274	1	0	3	0	2	0	21
1358	1359	160	1	69.0	2117	1	3	3	0	4	0	21
959	960	160	1	24.0	2572	1	3	3	0	2	0	21
525	526	20	1	62.0	7500	1	3	3	0	4	0	21
1334	1335	160	4	24.0	2368	1	3	3	0	4	0	2
841	842	70	4	60.0	10440	1	3	3	0	4	0	17
397	398	60	3	69.0	7590	1	3	3	0	4	0	12
1092	1093	50	3	60.0	8400	1	3	0	0	4	0	18
419	420	20	3	65.0	8450	1	3	3	0	4	0	12
91	92	20	3	85.0	8500	1	3	3	0	4	0	12
367	368	80	3	101.0	9150	1	0	3	0	0	0	12
1106	1107	20	3	114.0	10357	1	0	3	0	0	0	20
1403	1404	20	3	49.0	15256	1	0	3	0	1	0	21
915	916	160	4	21.0	2001	1	3	3	0	4	0	10
829	830	160	1	24.0	2544	1	3	3	0	4	0	21
1067	1068	60	3	80.0	9760	1	3	3	0	4	1	12
1066	1067	60	3	59.0	7837	1	0	3	0	4	0	8
729	730	30	4	52.0	6240	1	3	3	0	4	0	9
1051	1052	20	3	103.0	11175	1	0	3	0	0	0	5
958	959	20	3	65.0	8450	1	3	3	0	4	0	5
809	810	75	4	90.0	8100	1	3	3	0	0	0	17
702	703	60	3	82.0	12438	1	0	3	0	4	0	22
148	149	20	3	63.0	7500	1	3	3	0	4	0	20
226	227	60	3	82.0	9950	1	0	3	0	4	0	15
1115	1116	20	3	93.0	12085	1	3	3	0	4	0	16

549	550	60	1	75.0	9375	1	3	3	0	4	0	21
1081	1082	20	3	75.0	7500	1	3	3	0	0	0	19
434	435	180	4	21.0	1890	1	3	3	0	4	0	10
1197	1198	75	4	65.0	8850	1	0	0	0	0	0	17
1104	1105	160	4	24.0	2016	1	3	3	0	4	0	2
725	726	20	3	60.0	6960	1	3	3	0	4	0	12
258	259	60	3	80.0	12435	1	3	3	0	4	0	5
195	196	160	3	24.0	2280	1	3	3	0	2	0	13
892	893	20	3	70.0	8414	1	3	3	0	4	0	19
1011	1012	90	3	75.0	9825	1	3	3	0	4	0	7
689	690	120	3	61.0	7577	1	0	3	0	0	0	16
1257	1258	30	3	56.0	4060	1	3	3	0	0	0	7
1142	1143	60	3	77.0	9965	1	3	3	0	4	0	5
850	851	120	4	36.0	4435	1	3	3	0	4	0	5
1341	1342	20	3	66.0	13695	1	3	3	0	4	0	20
83	84	20	3	80.0	8892	1	0	3	0	4	0	12
290	291	60	3	120.0	15611	1	3	3	0	4	0	5
263	264	50	4	50.0	5500	1	3	3	0	0	0	17
481	482	20	3	72.0	11846	1	0	1	0	4	0	16
349	350	60	3	56.0	20431	1	1	3	0	4	0	16
1273	1274	80	3	124.0	11512	1	0	3	0	0	0	7
1396	1397	20	3	69.0	57200	1	0	0	0	4	2	23
0	1	60	3	65.0	8450	1	3	3	0	4	0	5
164	165	40	4	40.0	5400	1	3	3	0	0	0	17
3	4	70	3	60.0	9550	1	0	3	0	0	0	6
843	844	90	3	80.0	8000	1	3	3	0	0	0	12
1310	1311	20	3	100.0	17500	1	3	3	0	4	0	6
1040	1041	20	3	88.0	13125	1	3	3	0	0	0	19
533	534	20	3	50.0	5000	1	3	2	0	4	1	3
1274	1275	50	3	53.0	5362	1	3	3	0	0	0	6
940	941	90	3	55.0	12640	1	0	3	0	4	0	11
1080	1081	20	3	80.0	11040	1	3	3	0	4	0	14
974	975	70	3	60.0	11414	1	0	3	0	0	0	3
1048	1049	20	3	100.0	21750	1	3	3	0	4	0	11
1353	1354	50	3	56.0	14720	1	0	3	0	1	0	15
893	894	20	3	69.0	13284	1	3	3	0	4	0	19
1138	1139	20	3	69.0	9819	1	0	3	0	4	1	11
206	207	20	3	40.0	13673	1	0	3	0	1	0	19
1123	1124	20	3	50.0	9405	1	3	3	0	4	0	7
911	912	20	3	69.0	9286	1	0	3	0	1	1	5
1337	1338	30	4	153.0	4118	1	0	0	0	0	1	17
782	783	20	3	67.0	16285	1	1	3	0	4	0	5
773	774	20	3	70.0	10150	1	3	3	0	4	0	12
415	416	20	3	73.0	8899	1	0	3	0	4	0	8
1015	1016	60	3	70.0	8400	1	3	3	0	4	0	14
160	161	20	3	69.0	11120	1	0	3	0	1	0	24
1263	1264	70	3	60.0	13515	1	3	3	0	4	0	3
1393	1394	190	4	60.0	10800	1	3	3	0	4	0	17
616	617	60	3	69.0	7861	1	0	3	0	4	0	8
722	723	20	3	70.0	8120	1	3	3	0	4	0	12
503	504	20	3	100.0	15602	1	0	3	0	4	0	6
174	175	20	3	47.0	12416	1	0	3	0	4	0	23
64	65	60	3	69.0	9375	1	3	3	0	4	0	5
936	937	20	3	67.0	10083	1	3	3	0	4	0	20

962	963	160	3	24.0	2308	1	3	3	0	0	0	13
1405	1406	120	4	44.0	3842	1	0	1	0	4	1	6
1387	1388	50	4	60.0	8520	1	3	3	0	4	0	17
307	308	50	4	69.0	7920	1	0	3	0	4	0	9
521	522	20	3	90.0	11988	1	0	3	0	0	0	12
1454	1455	20	1	62.0	7500	1	3	3	0	4	0	21
1313	1314	60	3	108.0	14774	1	0	3	0	0	0	15
153	154	20	3	69.0	13500	1	3	3	0	4	0	4
497	498	50	3	60.0	9120	1	3	3	0	4	0	3
295	296	80	3	37.0	7937	1	0	3	0	1	0	11
929	930	60	3	69.0	13006	1	0	3	0	0	0	8
552	553	20	3	87.0	11146	1	0	3	0	4	0	16
539	540	20	3	69.0	11423	1	3	3	0	4	0	5
821	822	20	4	60.0	6000	1	3	0	0	4	1	17
1046	1047	60	3	85.0	16056	1	0	3	0	4	0	22
783	784	85	3	69.0	9101	1	0	3	0	0	0	11
545	546	50	3	69.0	13837	1	0	3	0	0	0	14
1149	1150	70	4	50.0	9000	1	3	3	0	4	0	17
607	608	20	3	78.0	7800	1	3	0	0	4	1	7
513	514	20	3	71.0	9187	1	3	0	0	0	0	11
905	906	20	3	80.0	9920	1	3	3	0	4	0	12
425	426	60	4	60.0	3378	1	3	1	0	4	0	17
926	927	60	3	93.0	11999	1	3	3	0	4	0	16
1371	1372	80	3	80.0	9600	1	3	3	0	4	0	12
1450	1451	90	3	60.0	9000	1	3	3	0	2	0	12
147	148	60	3	69.0	9505	1	0	3	0	1	0	8
1388	1389	20	3	42.0	14892	1	0	1	0	1	0	8
1239	1240	20	3	64.0	9037	1	0	1	0	4	0	23
1161	1162	20	3	69.0	14778	1	0	2	0	1	0	6
765	766	20	3	75.0	14587	1	0	3	0	4	0	21
376	377	85	3	57.0	8846	1	0	3	0	1	0	5
751	752	60	3	69.0	7750	1	3	3	0	4	0	8
32	33	20	3	85.0	11049	1	3	3	0	0	0	5
714	715	60	3	69.0	13517	1	0	3	0	1	0	19
336	337	20	3	86.0	14157	1	0	1	0	0	0	22
296	297	50	4	75.0	13710	1	3	3	0	4	0	9
998	999	30	4	60.0	9786	1	3	3	0	4	0	9
15	16	45	4	51.0	6120	1	3	3	0	0	0	3
58	59	60	3	66.0	13682	1	1	1	0	1	0	22
36	37	20	3	112.0	10859	1	3	3	0	0	0	5
590	591	60	3	64.0	8320	1	3	3	0	4	0	5
1299	1300	20	3	75.0	7500	1	3	3	0	4	0	12
159	160	60	3	134.0	19378	1	0	1	0	0	0	8
1218	1219	50	4	52.0	6240	1	3	3	0	4	0	3
757	758	60	3	69.0	11616	1	0	3	0	1	0	19
185	186	75	4	90.0	22950	1	1	3	0	4	0	17
1004	1005	120	3	43.0	3182	1	3	3	0	4	0	0
870	871	20	3	60.0	6600	1	3	3	0	4	0	12
650	651	60	1	65.0	8125	1	3	3	0	4	0	21
1269	1270	50	3	78.0	11344	1	3	3	0	4	0	12
1220	1221	20	3	66.0	7800	1	0	3	0	4	0	12
326	327	120	3	32.0	10846	1	0	3	0	1	0	24
898	899	20	3	100.0	12919	1	0	3	0	4	0	16
274	275	20	3	76.0	8314	1	3	3	0	0	0	11
1167	1168	60	3	58.0	10852	1	0	3	0	4	0	8

1022	1023	50	4	52.0	9439	1	3	3	0	4	0	17
1392	1393	85	3	68.0	7838	1	3	3	0	4	0	12
370	371	60	3	69.0	8121	1	0	3	0	4	0	8
1166	1167	20	3	64.0	10475	1	0	3	0	0	0	5
512	513	20	3	70.0	9100	1	3	3	0	0	0	12
800	801	60	3	79.0	12798	1	0	1	0	4	1	4
972	973	120	3	55.0	7892	1	3	3	0	4	0	20
1198	1199	20	3	70.0	9100	1	3	3	0	4	0	5
739	740	60	3	65.0	9313	1	0	3	0	4	0	5
1375	1376	20	3	89.0	10991	1	0	1	0	4	0	23
68	69	30	4	47.0	4608	1	3	3	0	0	0	17
320	321	60	3	111.0	16259	1	3	3	0	0	0	16
427	428	20	3	77.0	8593	1	0	3	0	4	0	12
1340	1341	20	3	70.0	8294	1	3	3	0	4	0	12
769	770	60	3	47.0	53504	1	1	1	0	1	1	22
745	746	60	3	69.0	8963	1	0	3	0	4	0	14
89	90	20	3	60.0	8070	1	3	3	0	4	0	5
405	406	20	3	69.0	9991	1	0	3	0	0	0	19
51	52	50	4	52.0	6240	1	3	3	0	4	0	3
861	862	190	3	75.0	11625	1	3	3	0	4	0	19
715	716	20	3	78.0	10140	1	3	3	0	4	0	14
175	176	20	3	84.0	12615	1	3	3	0	0	0	7
459	460	50	3	69.0	7015	1	0	0	0	0	0	3
1361	1362	20	3	124.0	16158	1	0	2	0	4	1	22
1229	1230	80	3	70.0	7910	1	3	3	0	4	0	12
904	905	20	3	69.0	6173	1	0	3	0	4	0	19
1416	1417	190	4	60.0	11340	1	3	3	0	4	0	17
1155	1156	20	3	90.0	10768	1	0	3	0	0	0	24
298	299	60	3	90.0	11700	1	3	3	0	4	0	14
914	915	160	1	30.0	3000	1	3	3	0	4	0	21
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369	370	20	3	69.0	9830	1	0	3	0	0	0	12
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984	985	90	3	75.0	10125	1	3	3	0	4	0	11
252	253	60	3	65.0	8366	1	0	3	0	4	0	20
177	178	50	3	69.0	13650	1	3	3	0	4	0	19
173	174	20	3	80.0	10197	1	0	3	0	4	0	12
679	680	20	3	69.0	9945	1	0	3	0	4	0	19
239	240	50	3	52.0	8741	1	3	3	0	4	0	7
1435	1436	20	3	80.0	8400	1	3	3	0	4	0	12
238	239	20	3	93.0	12030	1	3	3	0	4	0	16
40	41	20	3	84.0	8658	1	3	3	0	4	0	12
456	457	70	4	34.0	4571	1	3	3	0	4	0	17
249	250	50	3	69.0	159000	1	1	2	0	1	2	4
1139	1140	30	3	98.0	8731	1	0	3	0	4	0	3
207	208	20	3	69.0	12493	1	0	3	0	4	0	12
789	790	60	3	69.0	12205	1	0	2	0	4	0	4
890	891	50	3	60.0	8064	1	3	3	0	0	0	12
289	290	70	3	60.0	8730	1	3	3	0	4	0	3
80	81	60	3	100.0	13000	1	3	3	0	0	0	12
316	317	60	3	94.0	13005	1	0	3	0	0	0	14
579	580	50	4	81.0	12150	1	3	3	0	4	0	17
193	194	160	4	24.0	2522	1	3	3	0	4	0	7
67	68	20	3	72.0	10665	1	0	3	0	4	0	5

378	379	20	3	88.0	11394	1	3	3	0	0	0	22
1179	1180	20	3	77.0	8335	1	3	3	0	0	0	7
643	644	60	3	80.0	10793	1	3	3	0	4	0	14
1121	1122	20	3	84.0	10084	1	3	3	0	4	0	5
670	671	60	3	64.0	8633	1	3	3	0	2	0	5
603	604	160	1	30.0	3182	1	3	3	0	4	0	21
151	152	20	3	107.0	13891	1	3	3	0	4	0	16
490	491	160	4	69.0	2665	1	3	3	0	4	0	10
42	43	85	3	69.0	9180	1	0	3	0	1	0	20
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368	369	20	3	78.0	7800	1	3	3	0	4	0	12
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846	847	60	3	75.0	9317	1	3	3	0	4	0	20
505	506	90	4	60.0	7596	1	3	3	0	4	0	17
136	137	20	3	69.0	10355	1	0	3	0	0	0	12
389	390	60	3	96.0	12474	1	3	3	0	4	0	16
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1133	1134	60	3	80.0	9828	1	0	3	0	4	0	20
608	609	70	3	78.0	12168	1	3	1	0	4	1	6
31	32	20	3	69.0	8544	1	0	3	0	1	0	19
1443	1444	30	3	69.0	8854	1	3	3	0	4	0	3
1172	1173	160	1	35.0	4017	1	0	3	0	4	0	21
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178	179	20	3	63.0	17423	1	0	3	0	1	0	22
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1400	1401	50	4	50.0	6000	1	3	3	0	0	0	3
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615	616	85	3	80.0	8800	1	3	3	0	4	0	12
572	573	60	3	83.0	13159	1	0	1	0	0	0	23
520	521	190	3	60.0	10800	1	3	3	0	4	0	17
251	252	120	4	44.0	4750	1	0	1	0	4	1	6
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953	954	60	3	69.0	11075	1	0	3	0	4	1	11
1335	1336	20	3	80.0	9650	1	3	3	0	4	0	14
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627	628	80	3	80.0	9600	1	3	3	0	4	0	12
372	373	120	3	50.0	7175	1	3	3	0	4	0	20
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63	64	70	4	50.0	10300	1	0	0	0	4	0	17
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622	623	20	3	71.0	7064	1	3	3	0	4	0	19
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In [46]: `lr.predict(X_test)`

Out[46]: array([236900.97410642, 123443.61732451, 134725.34146659, 118764.50111623, 213551.85541855, 203022.39312444, 140437.10067843, 107793.95779827, 177859.36487905, 218880.16555808, 244959.79453421, 111395.99935108, 341905.66368854, 103972.51744036, 177852.7838631 , 136530.74131728, 161295.10329334, 135195.7957275 , 233326.97635217, 152699.89729689, 152878.17729552, 212895.15206285, 188220.38842807, 154238.27643665, 259358.37981217, 103767.99294643, 231034.65782313, 182350.17557996, 137296.52179114, 127851.82800507, 155433.84378345, 175034.78985871,

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122157.26575672, 198523.82806085, 160428.86444331, 185869.96470371,  
126901.11592445, 62424.50841512])
```

```
In [47]: lr.score(X_train,y_train)*100
```

```
Out[47]: 83.07074523324232
```

```
In [48]: lr.score(X_test,y_test)*100
```

```
Out[48]: 86.17866291982341
```

```
In [49]: X_test.head()
```

```
Out[49]:
```

	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neighborhood	C
1342	1343	60	3	69.0	9375	1	3	3	0	4	0	0	5
448	449	50	4	50.0	8600	1	3	0	0	4	0	0	9
44	45	20	3	70.0	7945	1	3	3	0	4	0	0	12
38	39	20	3	68.0	7922	1	3	3	0	4	0	0	12
1165	1166	20	3	79.0	9541	1	0	3	0	4	0	0	16

```
In [50]: y_predict=lr.predict(X_test)
```

```
In [51]: y_predict
```

```
Out[51]: array([236900.97410642, 123443.61732451, 134725.34146659, 118764.50111623,  
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210529.80033735, 124152.71643511, 269509.11888217, 170549.30304626,  
122157.26575672, 198523.82806085, 160428.86444331, 185869.96470371,  
126901.11592445, 62424.50841512])
```

In [52]: `abs(y_predict-y_test)`

```
Out[52]: 1342      8400.974106  
448       3943.617325  
44       6274.658533  
38       9764.501116  
1165     19618.144581  
469      16022.393124  
842      34462.899322  
432      14706.042202  
632      95359.364879  
257      1119.834442  
1002     12959.794534  
557      3395.999351  
644      28972.336311  
411      41027.482560  
1084     9647.216137  
867      7530.741317  
897      18342.103293  
1424     8804.204273  
907      16673.023648  
1147     21800.102703  
853      5121.822704  
100      7895.152063  
971      15220.388428  
1078     1661.723563  
612      2141.620188  
637      10767.992946  
1300     6034.657823  
465      3610.175580  
740      5296.521791  
1199     20148.171995  
1422     18933.843783  
28       32465.210141  
1163     15712.742650  
1429     31927.766972  
237      44926.992936  
1344     42844.293340  
696      11262.056350  
8        31325.433323  
669      11437.354103  
24       9323.535193  
1259     25393.992699  
1354     1847.956529  
629      12821.321900  
170      8942.480517  
949      14674.521656  
184      24949.812502  
146      2692.966543  
1289     3560.502036  
92       39564.007050  
595      29007.711080  
209      23640.797102  
1124     19472.108345  
1373     60824.945253  
242      28891.869967  
1352     12791.073811  
230      7837.159902  
423      28146.035151  
747      27421.404772  
1234     26733.603175  
1064     12061.080944  
453      808.557484  
270      11381.305615  
99       19131.850203  
589      1895.804204  
288      18658.832719  
310      19620.706718  
1366     14763.100011  
1343     30554.103714
```

334	5950.859963
784	1765.608371
1098	25154.197838
823	16095.956798
1119	25835.447356
530	31462.810721
120	5667.789569
826	12635.608743
837	7424.480690
446	14956.305546
946	9874.300275
438	2378.814112
920	1740.817353
1202	12134.860728
145	26368.417373
710	10579.388142
47	1367.983430
350	12178.264375
688	145868.514800
243	1053.222926
918	45480.501319
504	6977.716547
1170	31516.841129
482	45249.498742
683	2504.568140
697	27515.341915
1049	6128.745274
128	13480.246967
1174	33601.119510
187	9809.789927
1276	12974.340893
305	34130.291036
479	35009.303840
10	3310.361646
401	51691.263369
1219	10060.147575
1217	4429.878020
94	12897.666168
772	26439.665547
1372	35728.597338
87	3248.095519
910	10785.999475
361	18038.108104
1458	10304.983044
302	19257.120300
90	17143.833989
900	12595.618085
1374	8693.289791
1175	12583.177393
346	70181.865876
211	14416.972214
1256	20595.171942
43	9814.752078
1346	20205.098821
787	5727.291689
218	76666.620204
524	40244.903430
1347	4867.040165
1331	13532.447241
1062	38609.409125
119	23219.819532
1054	10519.026442
944	48303.650231
834	9275.451132
452	28167.810172
225	28010.659535
449	18138.111689
77	21328.185002
862	2939.145322
977	14427.189795
1183	20703.251653
335	837.971511
880	2719.002678
794	21321.041893
762	15689.141507
1336	1194.325871
638	12155.796429
763	48246.548980
1130	24218.958456
1271	3406.170419
687	11488.015764
488	19150.316322
733	14616.435308

227	21003.936236
393	42132.348399
380	23973.647886
1312	2229.399309
1249	5845.063116
1071	2429.763942
570	220.827681
471	57383.447048
532	11535.993765
1076	17830.169796
1457	31158.379880
871	26113.309283
1079	10769.064327
963	37290.578144
144	23198.664635
109	23519.324943
1168	36409.548835
354	4748.251388
620	18448.202639
396	4595.590999
919	48287.696689
303	27012.432819
827	29215.872290
1332	2750.638312
954	2022.507758
126	2894.076853
1114	5958.296870
1090	28904.715391
420	15091.920525
113	3812.220796
661	89855.671197
1215	24908.041333
267	13720.126877
1136	1909.801699
1088	29005.276111
591	72424.686659
194	705.009463
116	19806.202228
273	24015.148085
256	1750.070443
1442	52159.958611
815	24884.018896
228	15360.805721
1023	8238.028615
659	3661.487257
1367	1783.192387
1186	27411.688306
1129	15638.648459
161	40491.673218
1009	9353.446202
1044	45260.596046
858	21727.434323
262	26051.216814
1190	17259.315079
125	5037.858867
566	12936.016591
179	15062.187257
1433	5197.670431
716	24206.008348
1117	20672.885127
780	4703.618489
1326	15072.547711
847	1094.544364
25	13039.146913
618	28384.048838
210	13234.261134
737	13149.504496
1324	140484.473357
554	30815.651102
1005	10899.609675
1160	6942.582302
1069	6039.738952
980	60864.188372
484	7442.169328
204	14865.726887
703	17207.713994
550	3476.342544
1451	20348.781747
1244	36823.918845
811	12964.632429
408	14607.638866
276	21935.202715
1169	202470.937570

657	5833.730791
1180	18334.264535
700	6489.952118
514	21695.675517
831	3233.634353
652	8160.977281
1209	621.239375
556	4266.924881
1058	19648.469313
1052	6720.803518
991	27473.186175
1036	3610.287680
1302	1359.904553
805	2631.763782
1358	9366.438567
959	37654.371573
525	25695.257973
1334	29881.419650
841	4061.287161
397	23155.412630
1092	16656.144090
419	14202.079134
91	12815.105241
367	6520.705515
1106	44730.627468
1403	28315.854414
915	191.708916
829	14489.394977
1067	24712.891486
1066	8325.332368
729	10923.963691
1051	7519.282516
958	19666.952590
809	40550.260982
702	9583.778271
148	22527.357268
226	28185.422910
1115	13055.633072
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1081	11948.970257
434	730.054903
1197	2188.760540
1104	6401.039370
725	11379.349900
258	13531.434673
195	8575.399222
892	29.444777
1011	14801.346342
689	5443.503392
1257	1208.492008
1142	82261.459485
850	22932.995358
1341	16117.169100
83	9244.925022
290	4050.234686
263	3228.806158
481	52528.959100
349	35785.007321
1273	9094.757516
1396	24613.156655
0	5444.798094
164	12933.189864
3	37074.031410
843	20786.425448
1310	66047.584824
1040	602.882971
533	8624.032849
1274	12433.548702
940	16439.435545
1080	36931.291669
974	38920.794711
1048	21689.135254
1353	57925.572943
893	6918.215473
1138	17310.201306
206	2637.910135
1123	27535.459169
911	17573.820519
1337	4270.209115
782	10000.094018
773	11295.914625
415	33533.473884
1015	2735.174269

160	9702.476141
1263	28355.331739
1393	13543.983525
616	18989.078782
722	15783.136308
503	67122.279288
174	11570.919818
64	10735.666498
936	16580.256250
962	19397.351605
1405	5725.598488
1387	73797.972804
307	44020.720053
521	8833.218512
1454	17972.446893
1313	37720.442011
153	45802.604172
497	20956.356617
295	9647.197628
929	3775.504061
552	26086.447406
539	33094.423546
821	19618.315296
1046	171775.044508
783	1265.323850
545	20283.424347
1149	30759.246501
607	26801.763379
513	18575.145124
905	10269.056152
425	6529.764085
926	5728.447958
1371	26494.308114
1450	19712.723198
147	2391.863423
1388	42439.069393
1239	12801.599643
1161	12573.177163
765	721.124031
376	10620.110744
751	16687.426284
32	49358.037314
714	62261.691129
336	64240.202668
296	23288.865054
998	28974.106823
15	2348.002998
58	51218.947204
36	16135.721293
590	7185.873855
1299	6173.088434
159	54261.315823
1218	16099.733833
757	1039.920331
185	81821.143262
1004	7412.861794
870	10972.410703
650	10044.724742
1269	15297.866202
1220	20501.585045
326	66885.221103
898	219446.454922
274	2446.239839
1167	17969.759103
1022	19983.491838
1392	5848.312891
370	6603.998801
1166	3695.605136
512	16163.074646
800	45.588926
972	14315.947290
1198	9641.763798
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1375	2440.815548
68	4259.441001
320	32927.871375
427	10682.534883
1340	8368.683694
769	121838.031461
745	10534.802137
89	18661.147070
405	802.009847
51	4500.334091

861 15400.750856
715 3976.861700
175 25056.888157
459 5467.486865
1361 14736.407963
1229 18959.173816
904 15733.534855
1416 12268.609124
1155 8265.007002
298 22389.156074
914 8183.219133
1449 18081.185840
1113 325.206743
369 20196.383030
1349 24637.705014
984 24383.974286
252 21199.745481
177 37345.150416
173 1949.089930
679 3053.343864
239 3903.762611
1435 17557.047191
238 32591.347408
40 20336.502661
456 24689.765406
249 28053.725580
1139 48674.840798
207 17187.121048
789 10338.390341
890 6097.511685
289 21403.608633
80 10344.782102
316 22132.672131
579 18890.484999
193 36989.813654
67 2138.559088
378 74471.324524
1179 15174.317144
643 8178.360827
1121 19450.892723
670 17528.366927
603 6872.659808
151 78063.131105
490 7773.988567
42 18924.393746
1200 36179.693151
368 3883.744886
759 951.098488
430 3780.454158
846 17961.560000
505 26758.626532
136 13779.963730
389 51169.209294
1033 2823.233078
1133 193.274805
608 95347.069182
31 14066.560297
1443 8507.553148
1172 1549.558348
359 1229.903126
178 119700.347951
819 12910.403321
311 175.583576
1400 2698.283141
388 6857.915848
615 7934.940553
572 3482.686931
520 32901.102651
251 10839.351797
1440 21533.657485
953 10139.377964
1335 4853.527471
1210 21529.800337
1406 8847.283565
817 1490.881118
627 17549.303046
372 2842.734243
1355 28523.828061
63 20428.864443
103 13030.035296
622 8098.884076
1061 18575.491585

Name: SalePrice, dtype: float64

```
In [53]: from sklearn.metrics import mean_absolute_error,mean_squared_error
```

```
In [54]: mae=mean_absolute_error(y_test,y_predict)
```

```
In [55]: mae
```

```
Out[55]: 20535.95432057607
```

```
In [56]: mse=mean_squared_error(y_test,y_predict)
```

```
In [57]: mse
```

```
Out[57]: 999693555.1897779
```

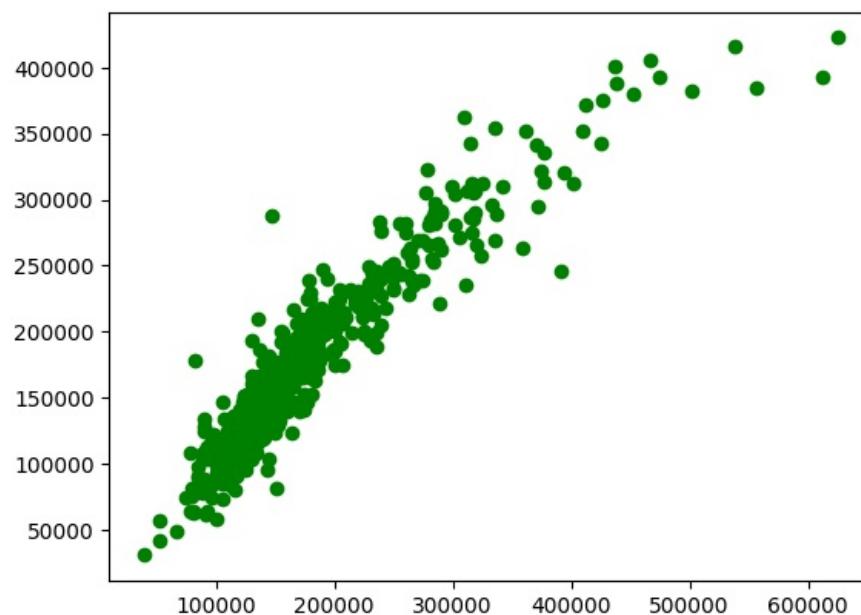
```
In [58]: rmse=np.sqrt(mean_squared_error(y_test,y_predict))
```

```
In [59]: rmse
```

```
Out[59]: 31617.930912534073
```

```
In [70]: plt.scatter(y_test,y_predict,color='green')
```

```
Out[70]: <matplotlib.collections.PathCollection at 0x2da45b74340>
```

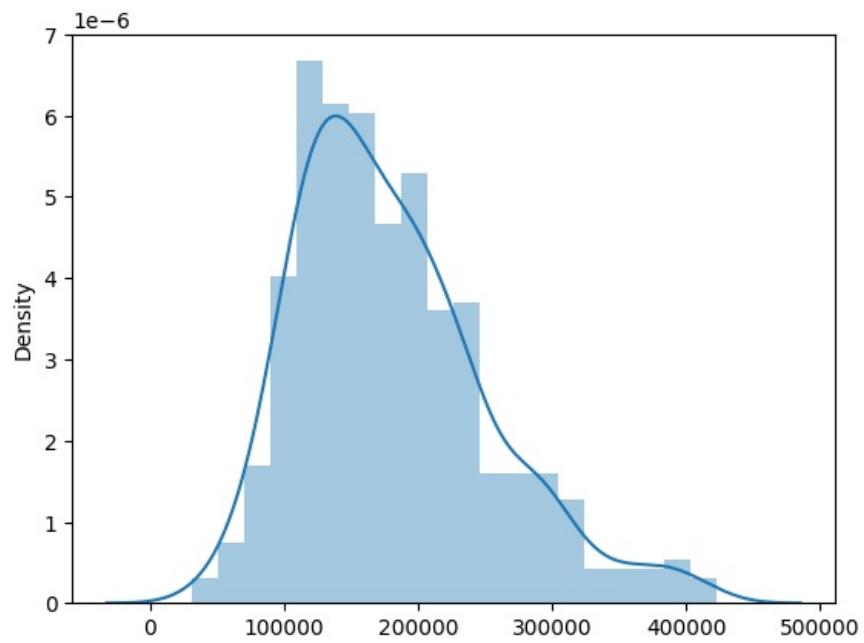


```
In [71]: sns.distplot(y_predict,kde=True,bins=20)
```

```
C:\Users\DSK 8920444598\AppData\Roaming\Python\Python310\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
```

```
    warnings.warn(msg, FutureWarning)
```

```
Out[71]: <AxesSubplot:ylabel='Density'>
```



In []: