

Sales location analysis

Ian Thulin

2023-05-11

Santa Fe Total Sales

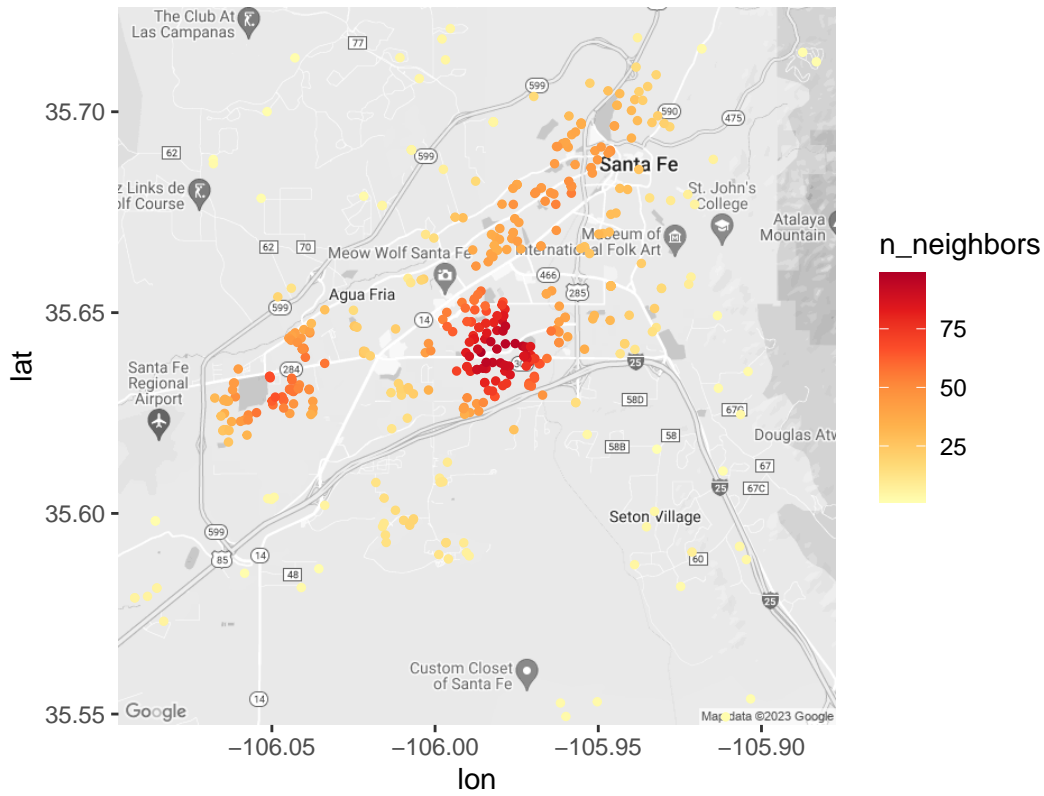
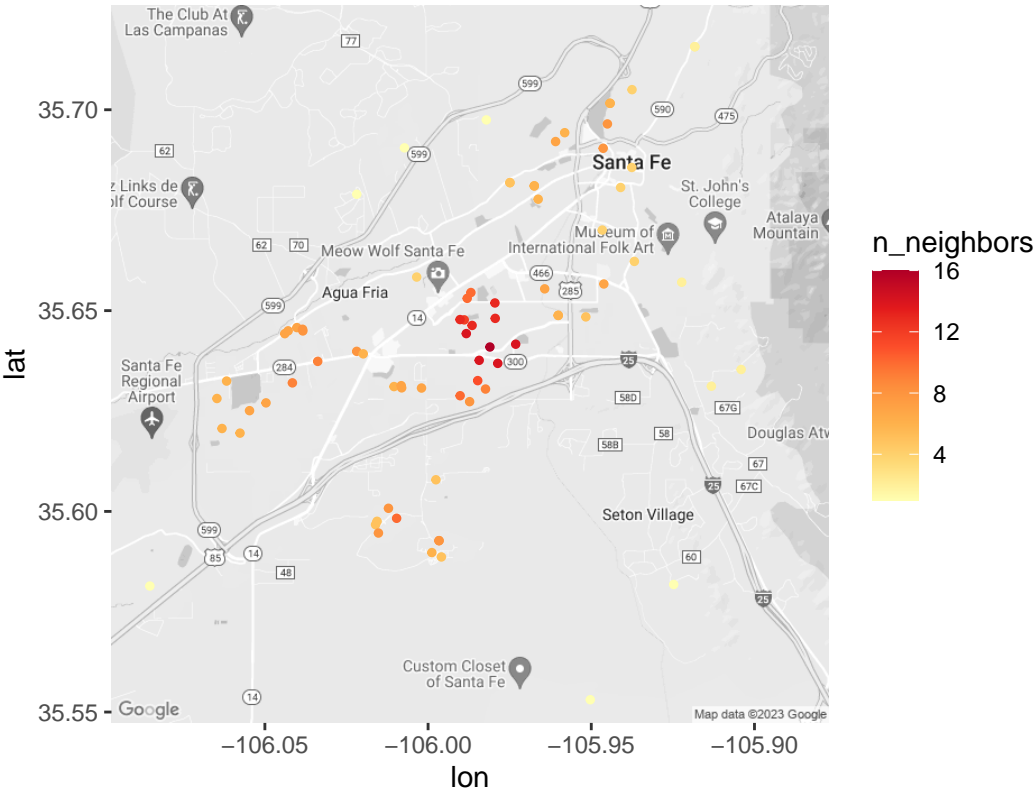


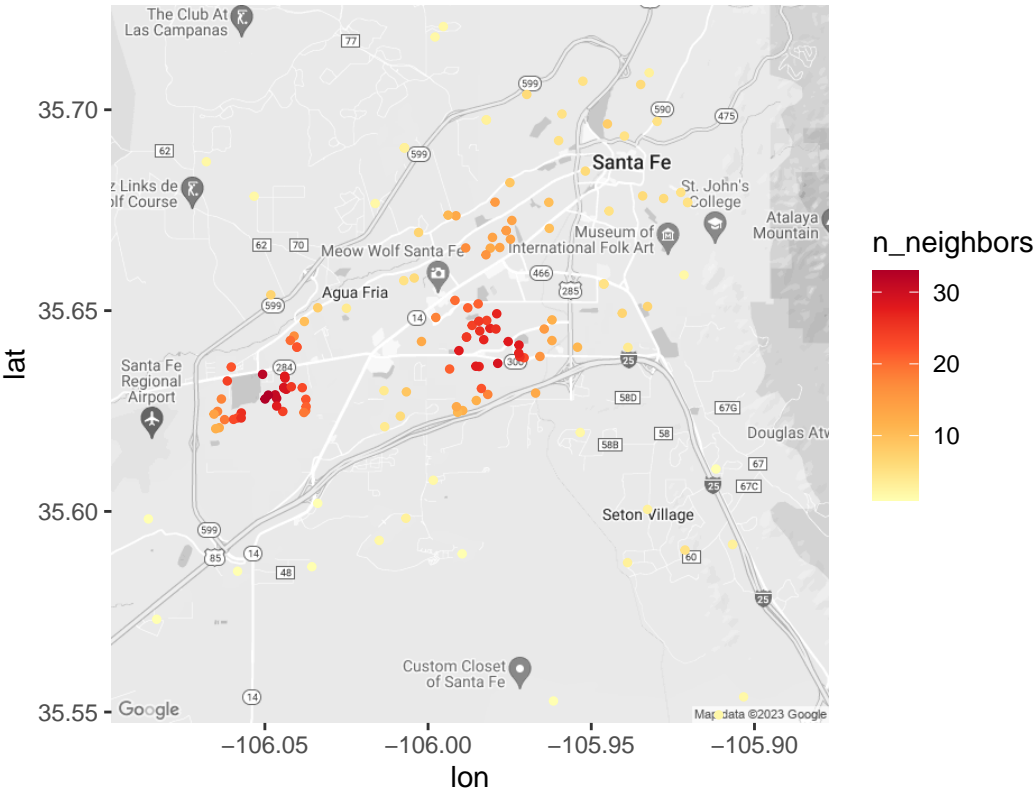
Table 1: Santa Fe Sales by Zip

ZIP	#	Mean	Median	Min	Q1	Q3	Max	Std Dev
87507	173	13333.41	9631.00	0.00	5293.000	5293.000	78618.99	11909.80106
87505	157	14387.59	10079.72	552.00	5619.000	5619.000	72500.00	12866.42060
87508	87	18009.97	13832.00	0.00	7180.000	7180.000	100000.00	16680.91371
87501	76	12129.49	8181.35	1880.00	4654.812	4654.812	46270.00	9842.43514
87506	29	18264.39	14251.00	750.00	7784.000	7784.000	91000.00	17757.92383
87502	2	11692.27	11692.27	9720.00	10706.135	10706.135	13664.54	2789.21098
87504	2	1954.50	1954.50	1887.00	1920.750	1920.750	2022.00	95.45942
87101	1	14987.87	14987.87	14987.87	14987.870	14987.870	14987.87	NA
87509	1	19156.00	19156.00	19156.00	19156.000	19156.000	19156.00	NA
87540	1	21359.91	21359.91	21359.91	21359.910	21359.910	21359.91	NA

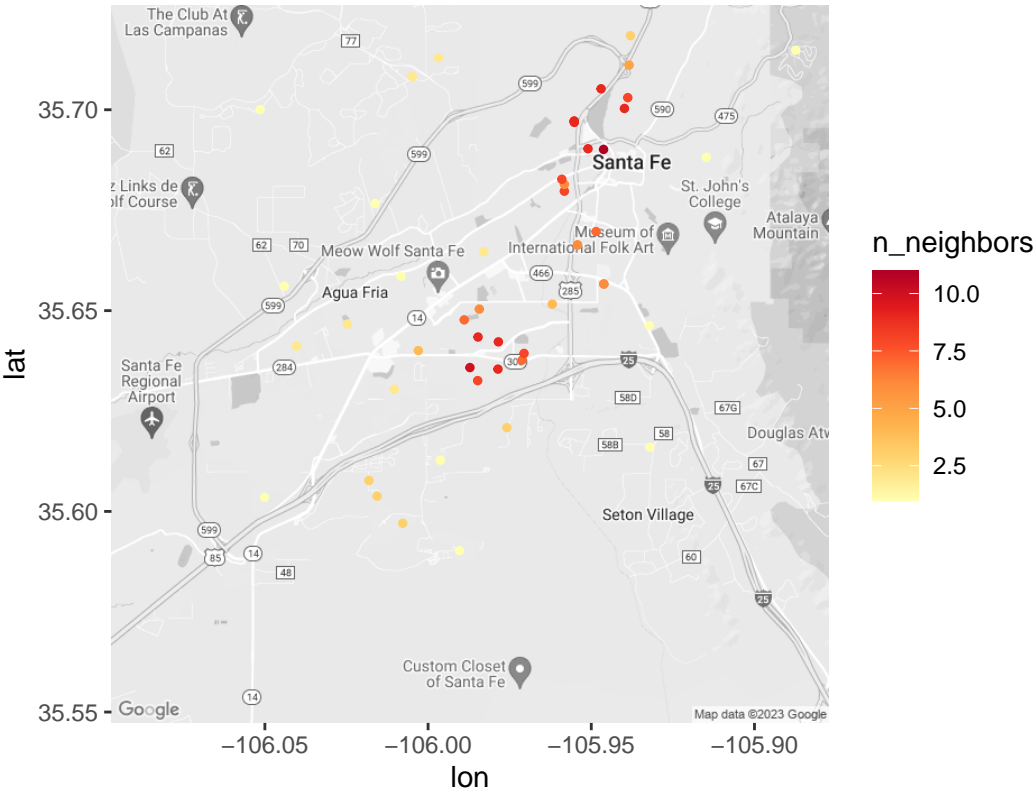
Santa Fe Patio Cover Sales



Santa Fe Sunroom Sales



Santa Fe Bath Sales



Santa Fe Kitchen Sales

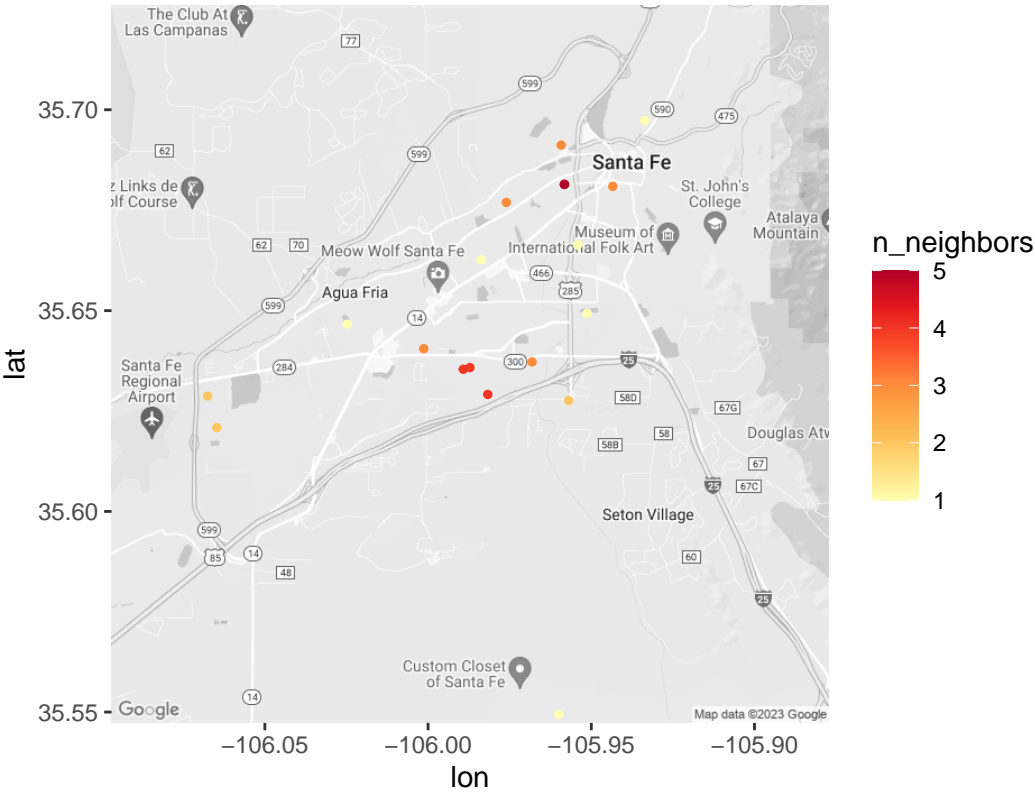
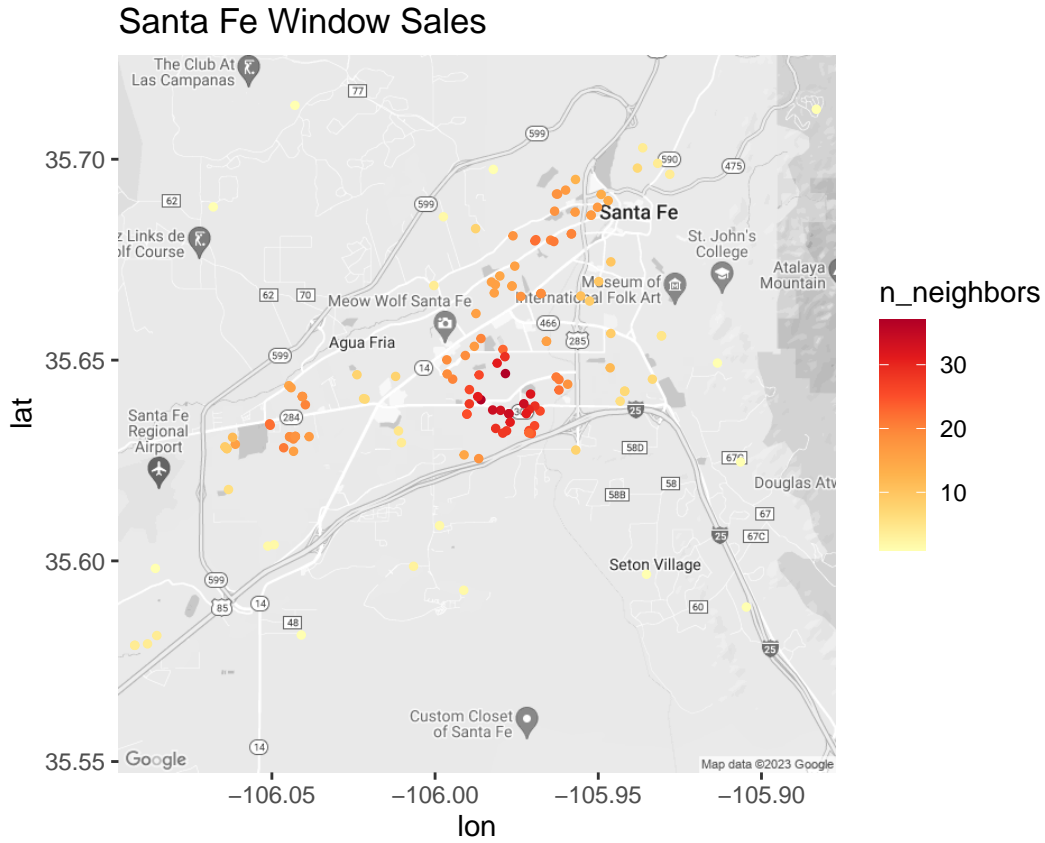
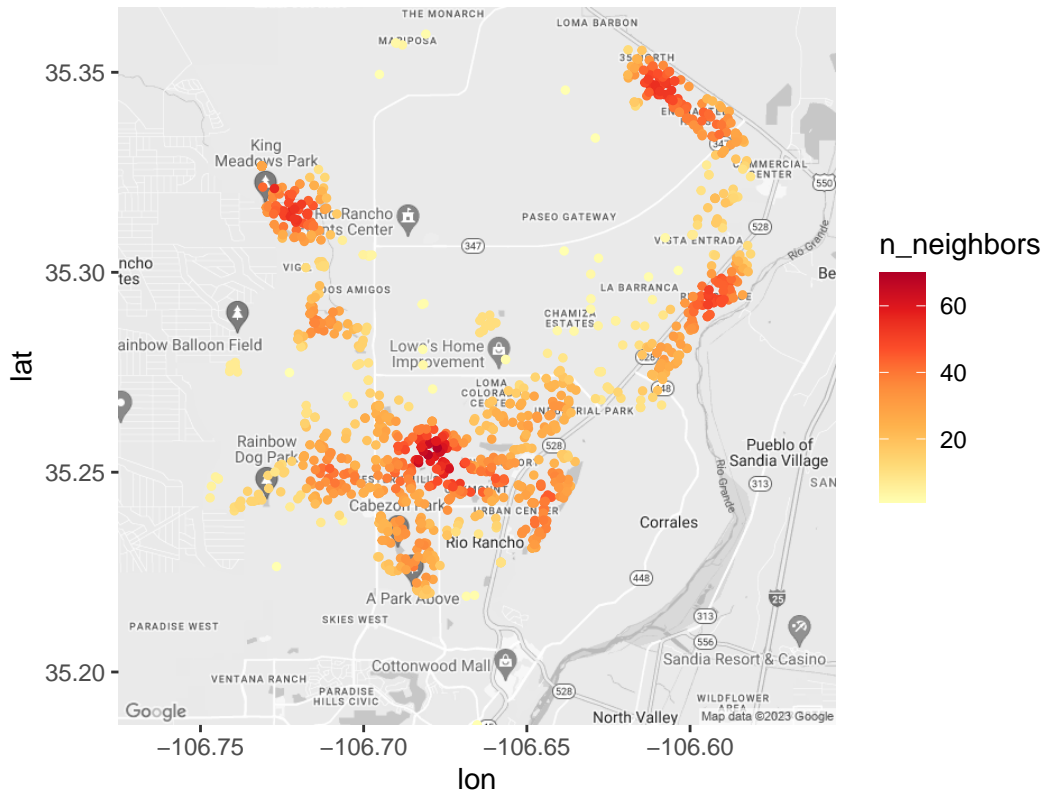


Table 2: Santa Fe Sales by Zip

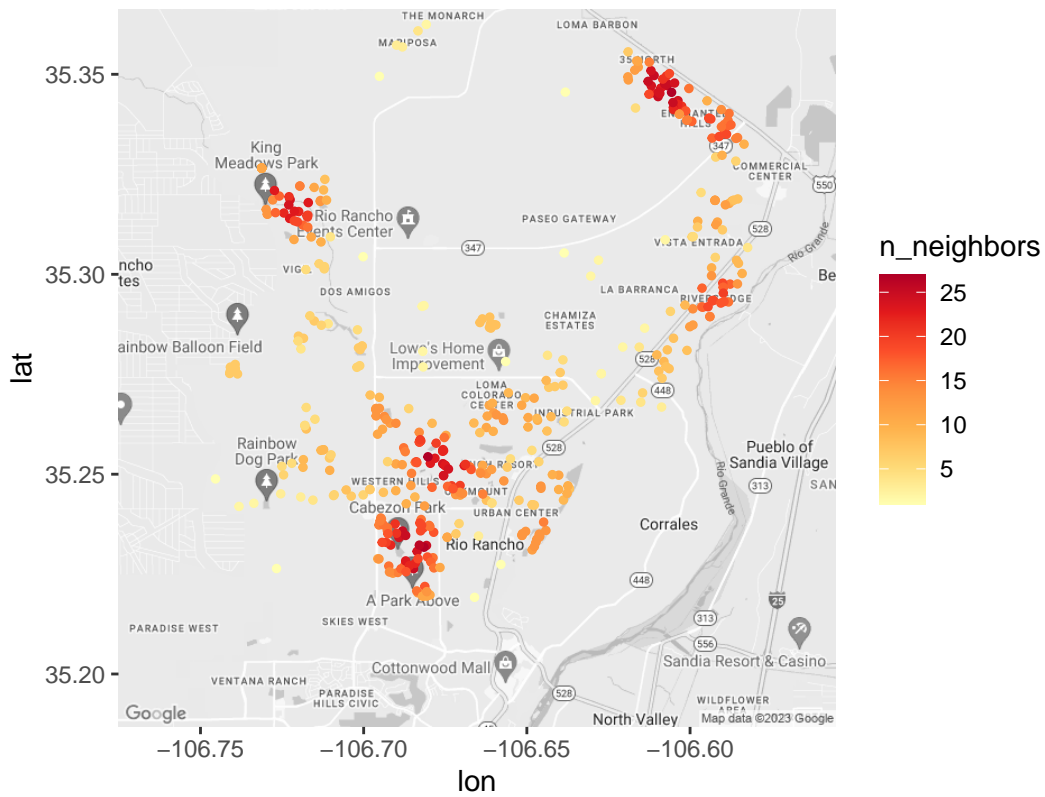
ZIP	#	Mean	Median	Min	Q1	Q3	Max	Std Dev
87124	673	11079.50	7800.0	0.00	4800.00	4800.00	67300.00	10090.216
87144	501	12478.60	9275.0	0.00	5966.54	5966.54	66491.28	9824.232
87114	3	6892.66	8535.0	3485.98	6010.49	6010.49	8657.00	2950.902
87112	2	6137.50	6137.5	3690.00	4913.75	4913.75	8585.00	3461.288
87123	1	2489.00	2489.0	2489.00	2489.00	2489.00	2489.00	NA
87174	1	3265.00	3265.0	3265.00	3265.00	3265.00	3265.00	NA



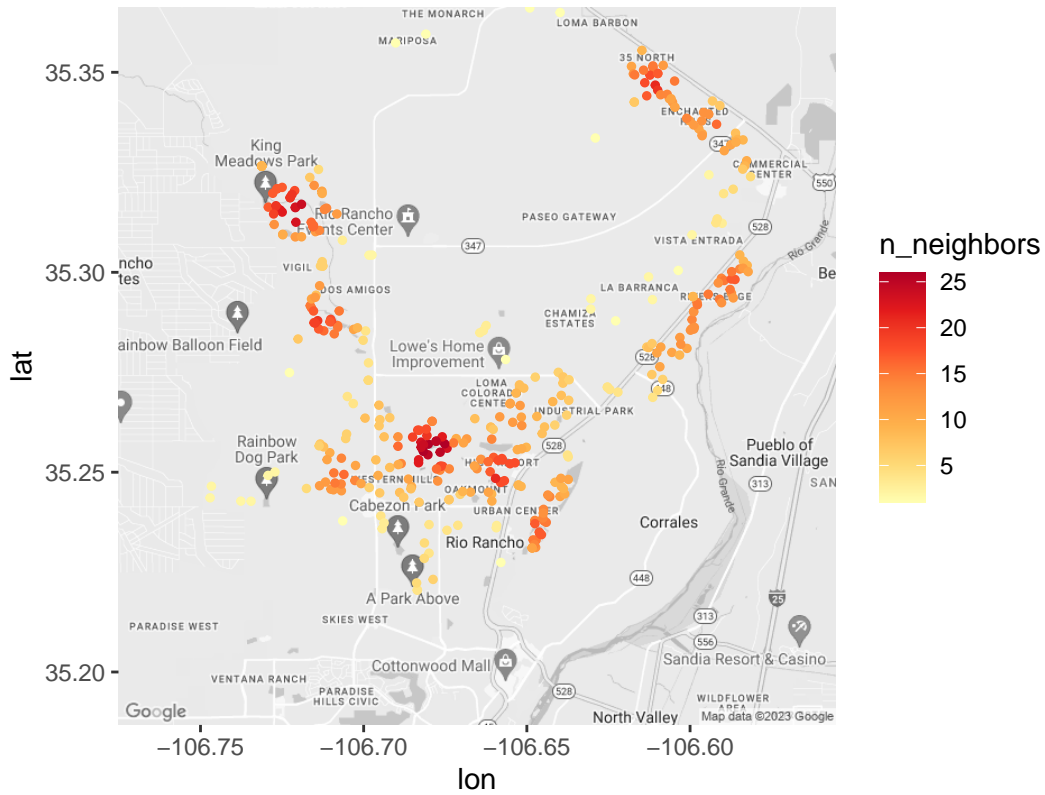
Rio Rancho Total Sales



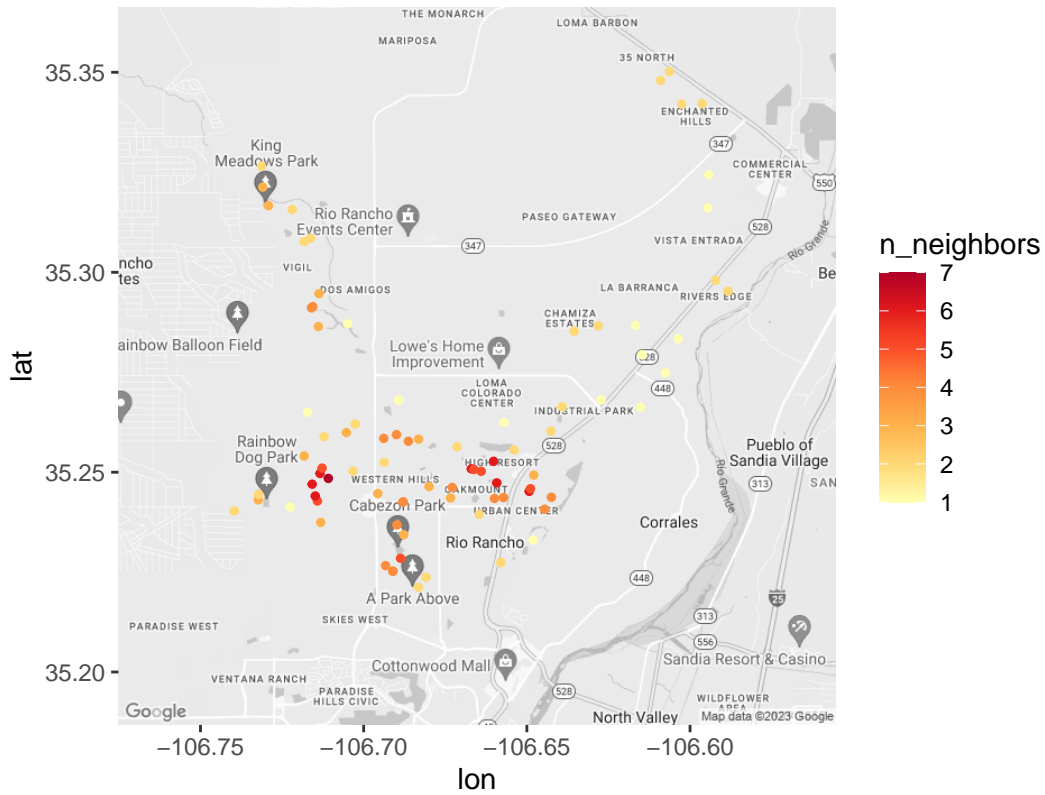
Rio Rancho Pation Cover Sales



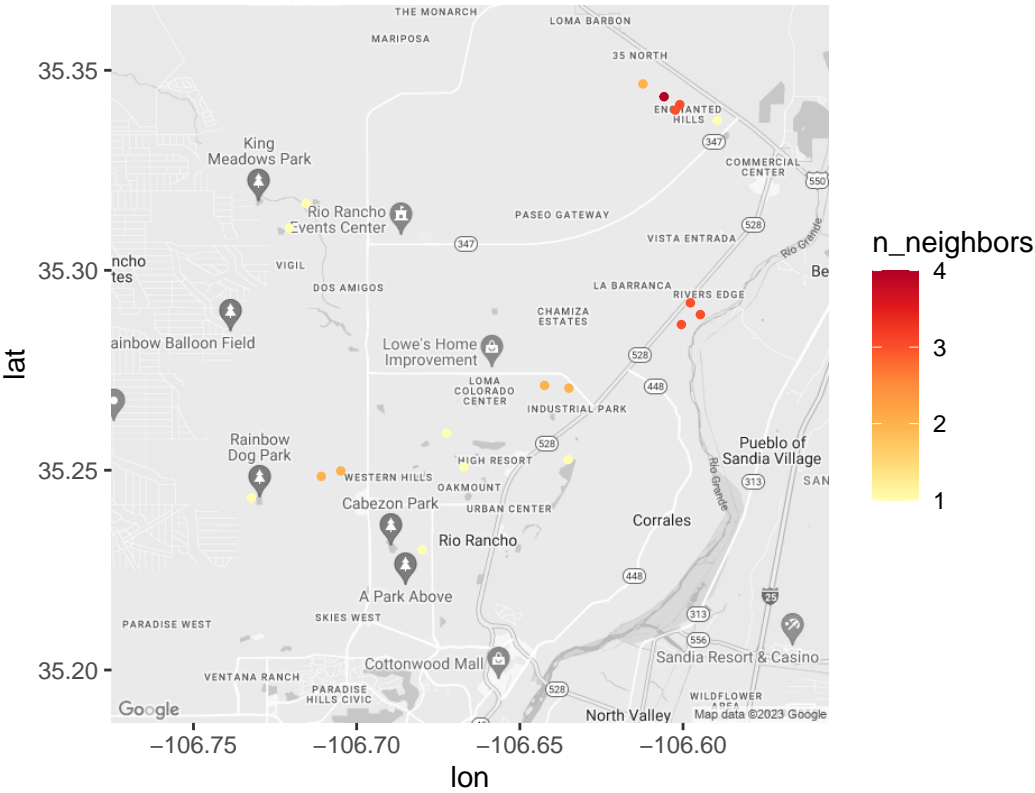
Rio Rancho Sunroom Sales



Rio Rancho Bath Sales



Rio Rancho Kitchen Sales



Rio Rancho Window Sales

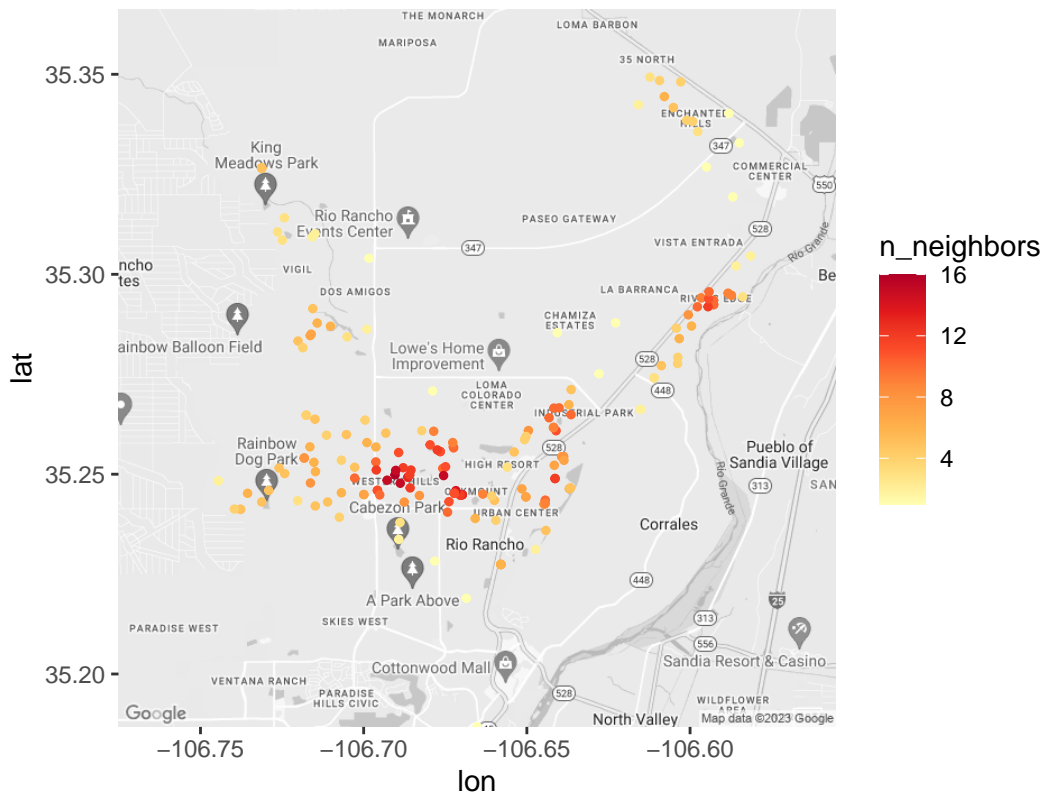
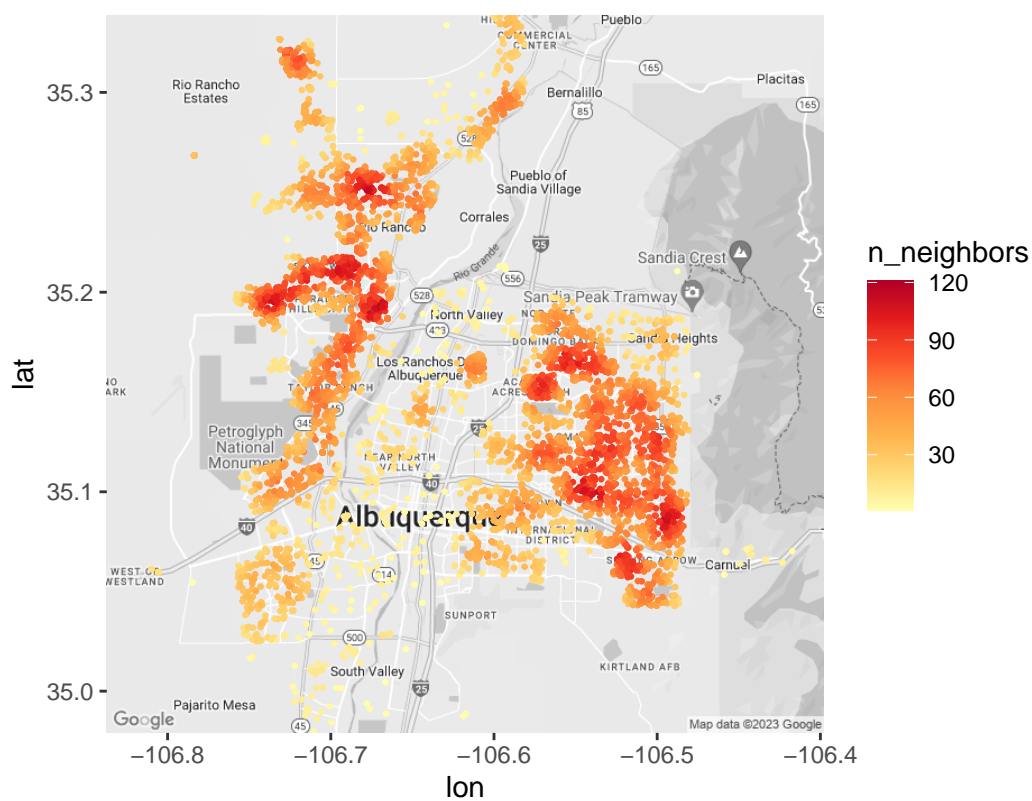
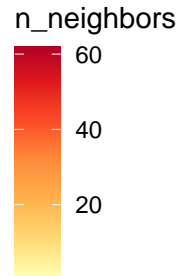


Table 3: Santa Fe Sales by Zip

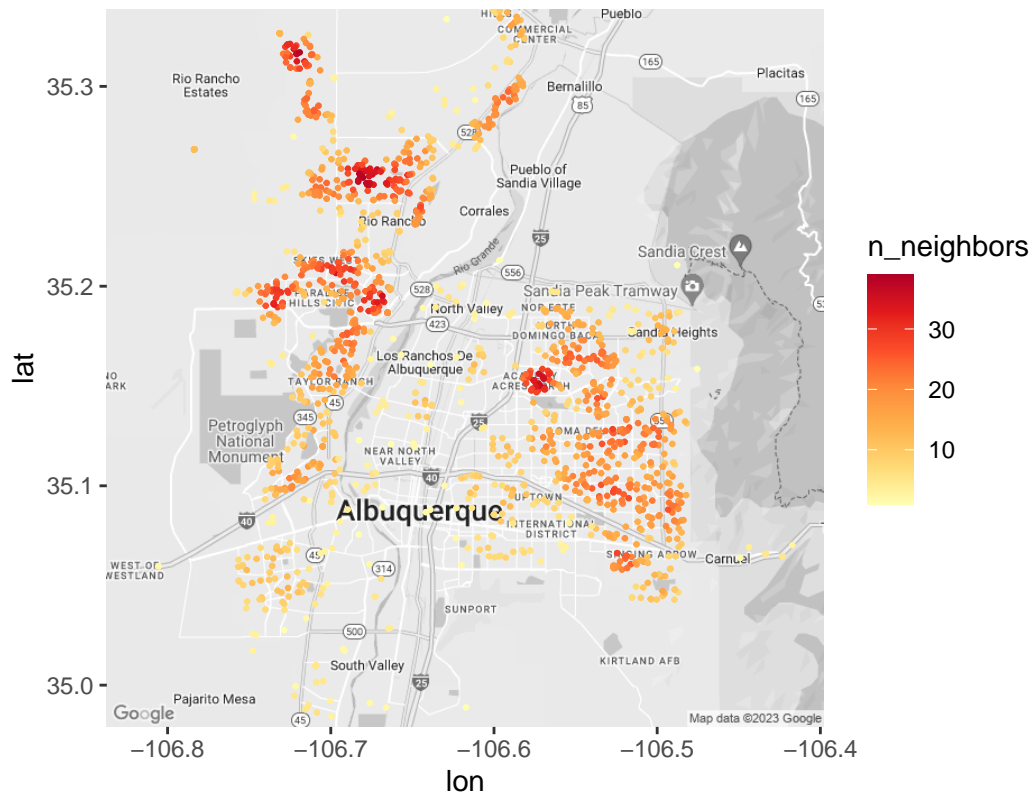
ZIP	#	Mean	Median	Min	Q1	Q3	Max	Std Dev
87124	728	11333.223	8001.50	0	4905.750	4905.750	67300.00	10319.254
87114	648	10952.110	7500.00	0	4400.000	4400.000	97950.00	10279.760
87120	568	10771.166	7061.00	0	4099.500	4099.500	108227.00	10703.765
87111	517	11490.250	7397.20	0	4150.000	4150.000	64999.00	11283.094
87144	514	12458.411	9167.00	0	5916.000	5916.000	66491.28	9845.227
87112	412	12202.048	7890.50	0	4054.765	4054.765	92910.00	12473.986
87123	400	10779.268	7375.50	0	4199.769	4199.769	122703.00	11611.660
87109	304	11188.989	7434.00	0	4369.000	4369.000	70500.00	10429.564
87110	299	10259.729	6665.00	0	4176.340	4176.340	50000.00	9462.926
87121	267	9547.734	6225.00	0	3672.610	3672.610	100528.00	9964.211
87122	185	13033.649	7736.00	537	4574.000	4574.000	88906.53	13502.841
87113	144	10259.683	6856.00	0	3348.250	3348.250	53100.00	10090.581
87105	134	11788.881	7470.10	0	4706.750	4706.750	96790.00	12823.216
87108	134	9787.857	7201.50	0	3510.715	3510.715	44357.00	9022.012
87107	119	13893.630	8482.00	208	4786.450	4786.450	64950.00	14401.327
87106	95	8959.972	6417.25	0	3015.500	3015.500	47000.00	9384.793
87104	35	12629.045	8750.00	2711	4757.905	4757.905	63164.00	11758.349
87102	24	9834.890	7807.50	1500	5654.517	5654.517	38390.00	8016.011
87174	2	9903.500	9903.50	3265	6584.250	6584.250	16542.00	9388.257
87193	2	20251.500	20251.50	18000	19125.750	19125.750	22503.00	3184.102
87008	1	19381.000	19381.00	19381	19381.000	19381.000	19381.00	NA
87035	1	5464.000	5464.00	5464	5464.000	5464.000	5464.00	NA
87103	1	4440.000	4440.00	4440	4440.000	4440.000	4440.00	NA
87118	1	10400.000	10400.00	10400	10400.000	10400.000	10400.00	NA
87125	1	32461.000	32461.00	32461	32461.000	32461.000	32461.00	NA
87501	1	20000.000	20000.00	20000	20000.000	20000.000	20000.00	NA
87527	1	16970.000	16970.00	16970	16970.000	16970.000	16970.00	NA

Metro Area Total Sales

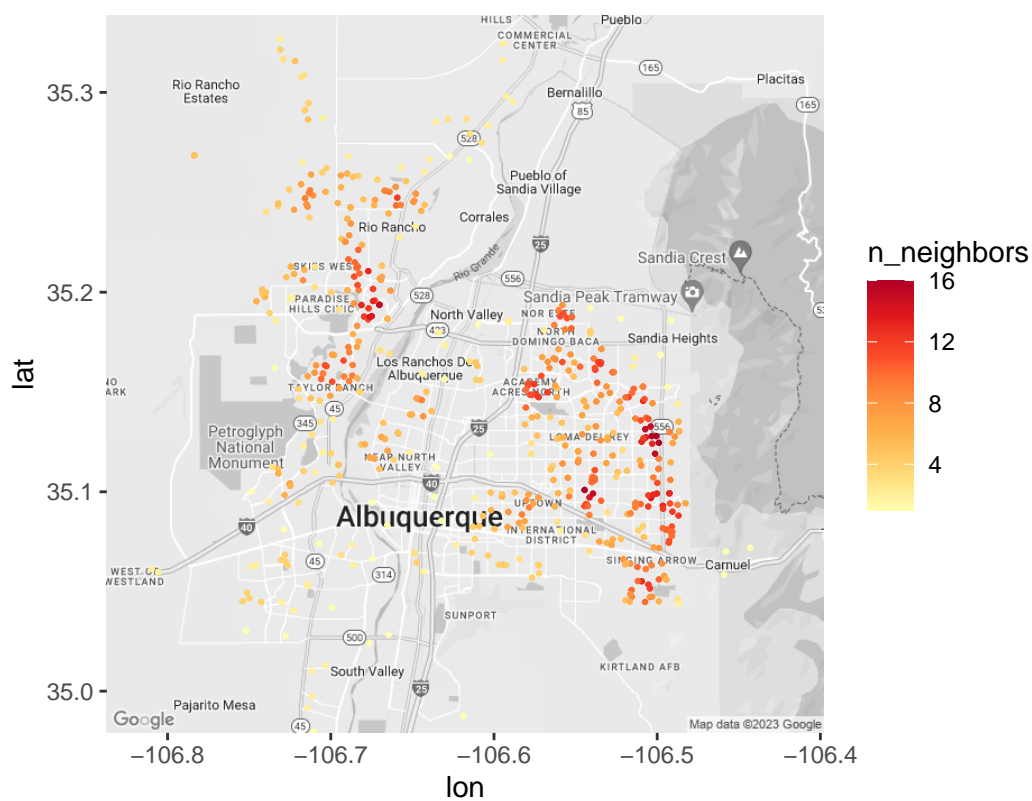




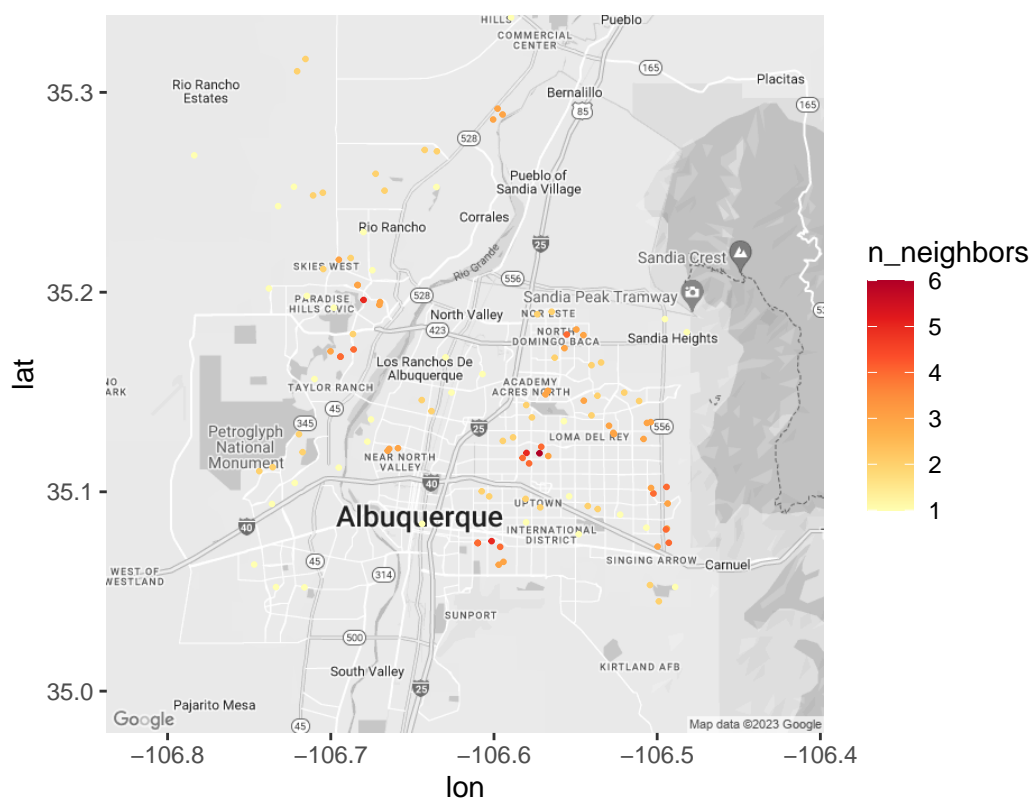
Metro Area Sunroom Sales



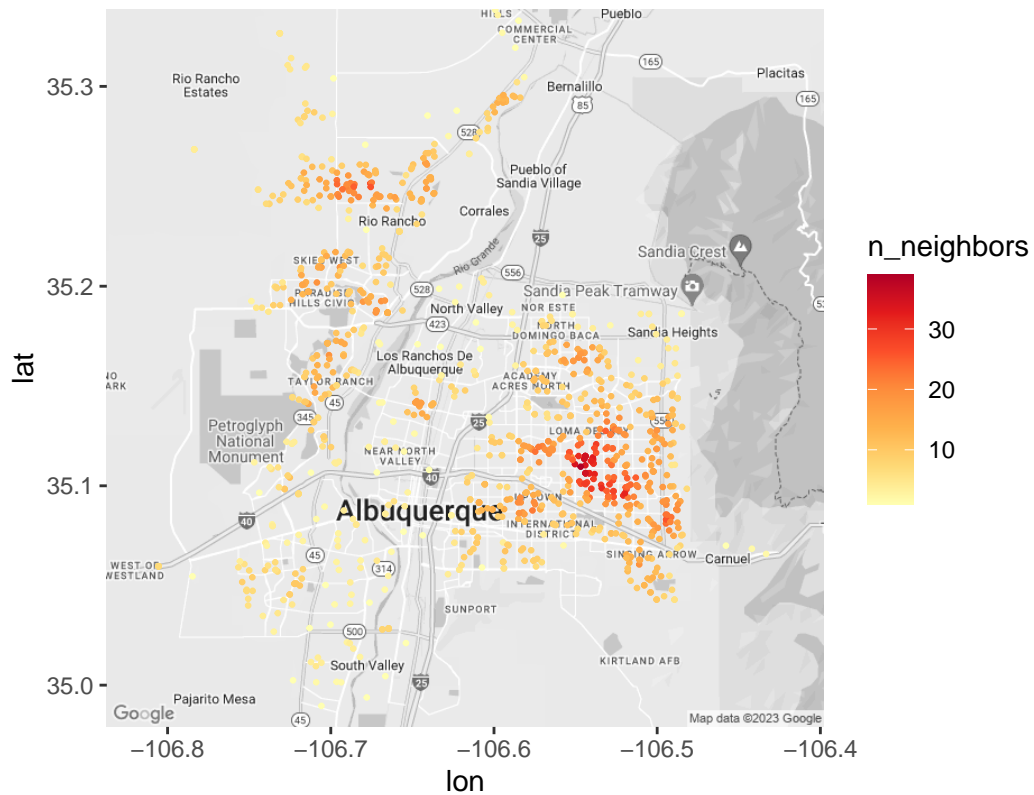
Metro Area Bath Sales



Metro Area Kitchen Sales



Metro Area Window Sales

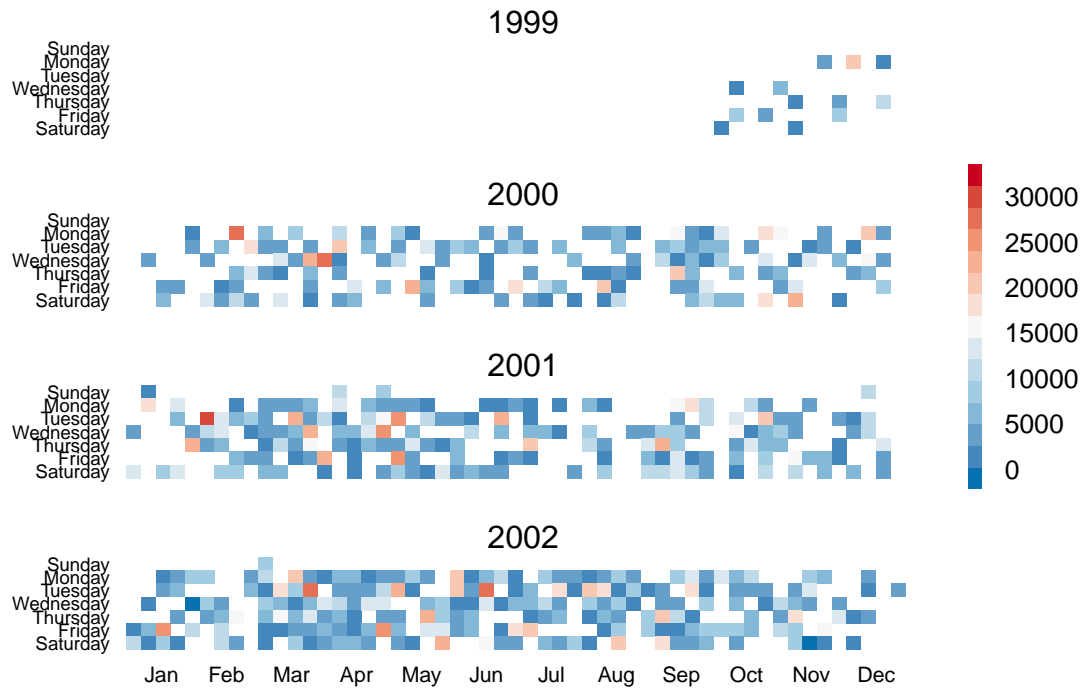


```
## Loading required package: lattice
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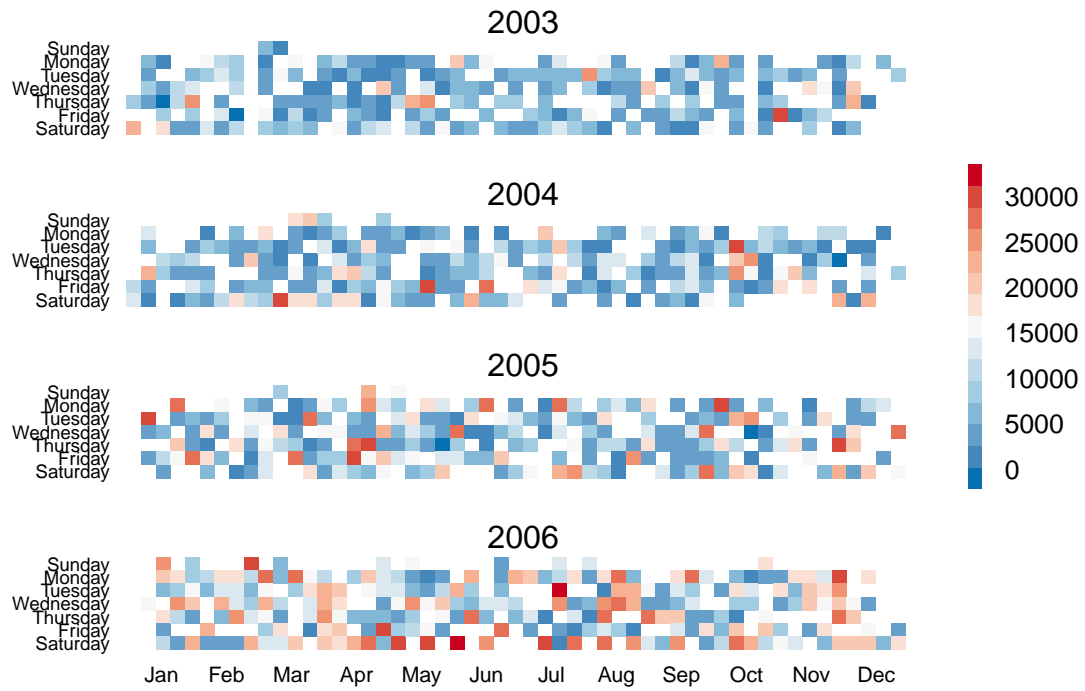
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## Loading required package: grid
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## Loading required package: chron
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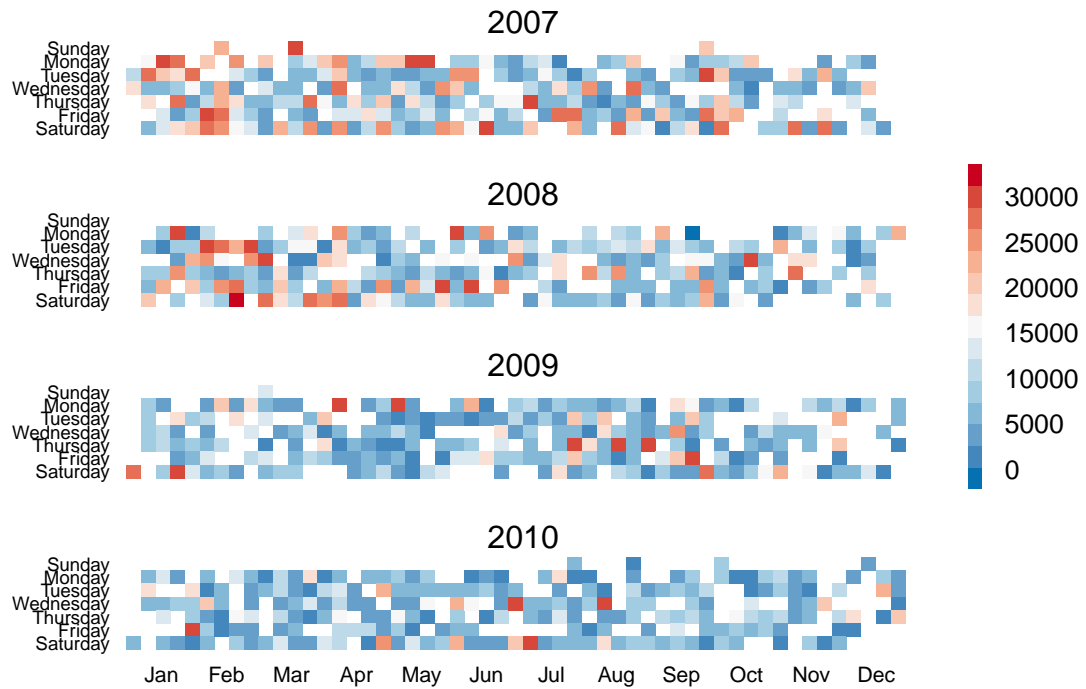
Calendar Heat Map of Historic Sales Seasonality



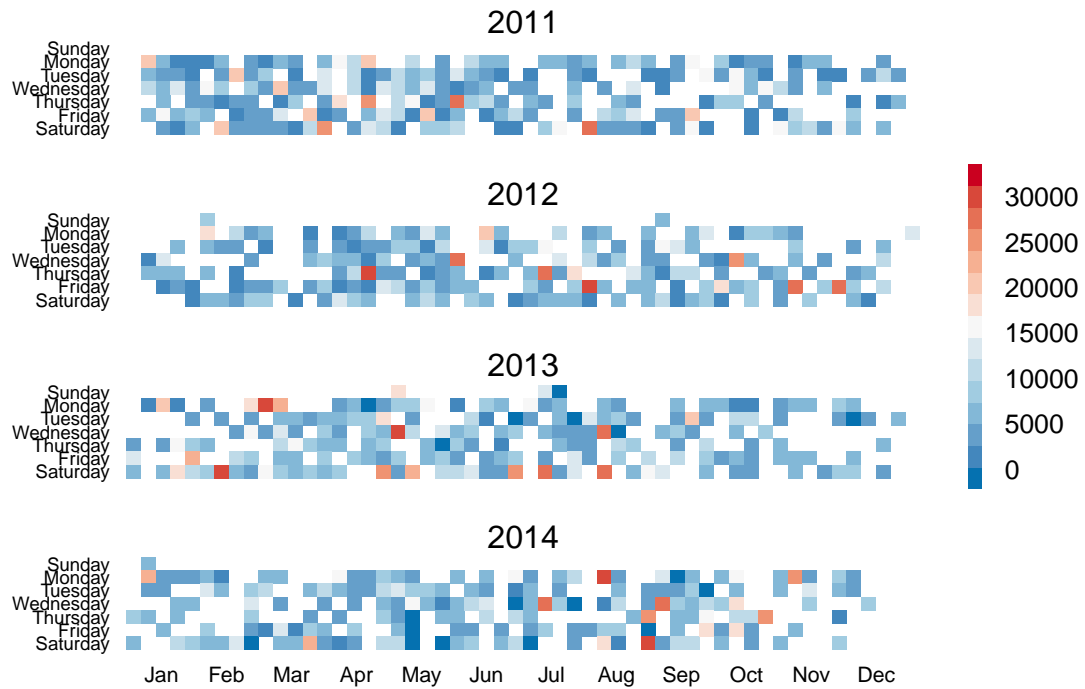
Calendar Heat Map of Historic Sales Seasonality



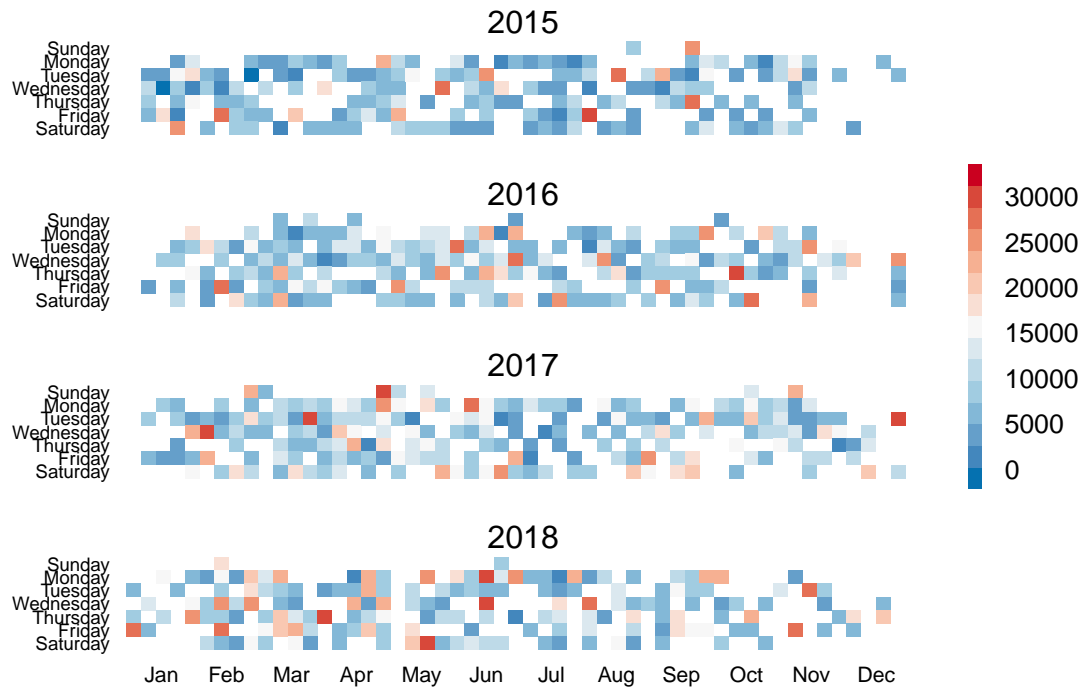
Calendar Heat Map of Historic Sales Seasonality



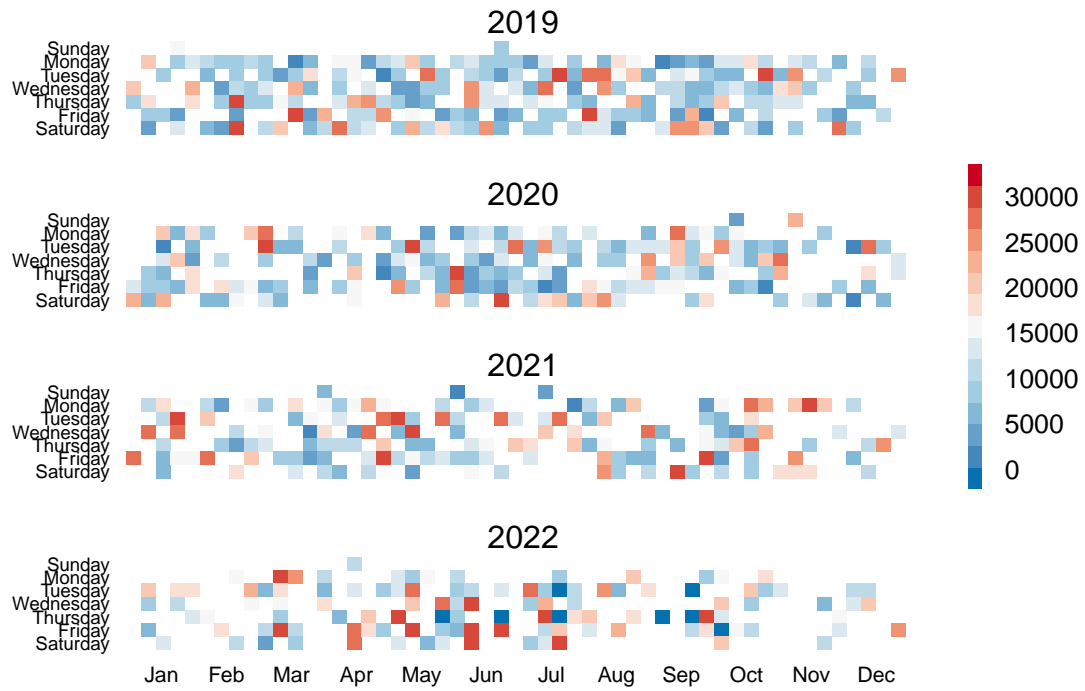
Calendar Heat Map of Historic Sales Seasonality



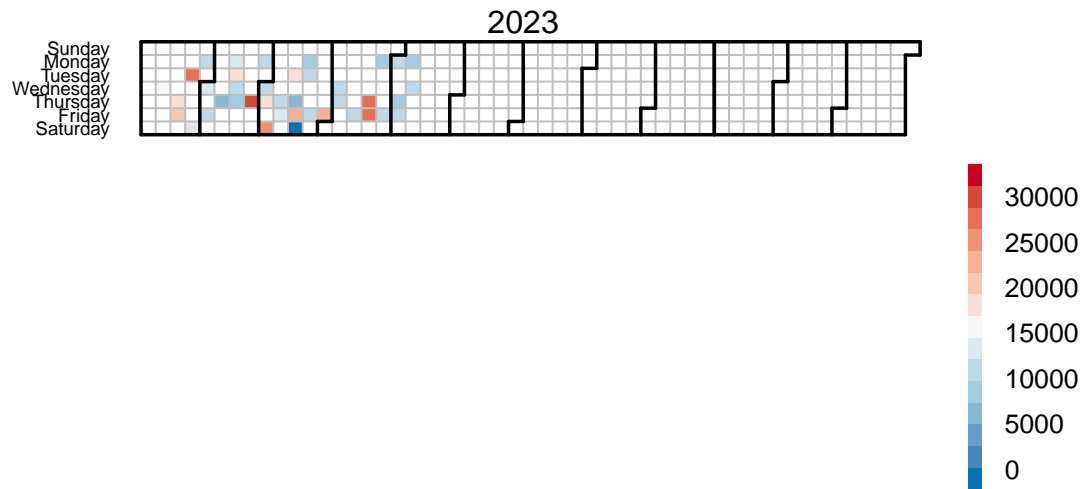
Calendar Heat Map of Historic Sales Seasonality



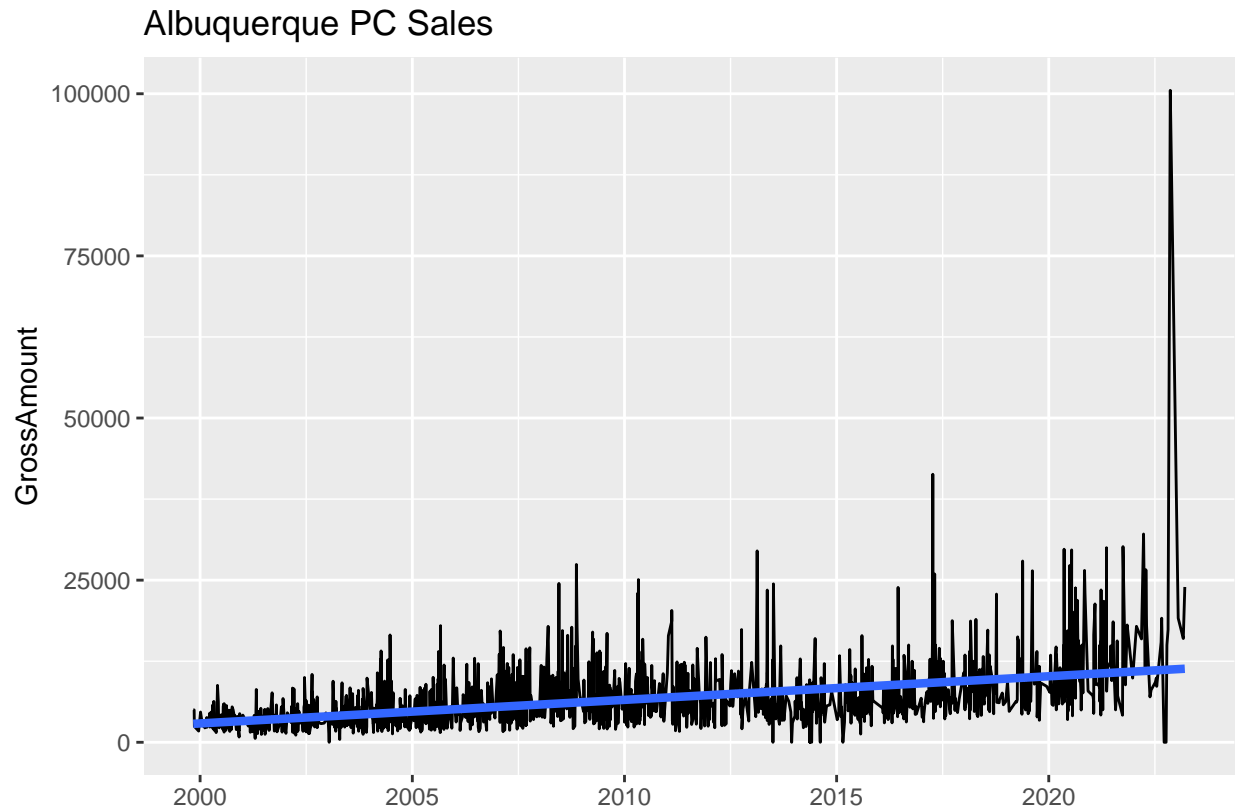
Calendar Heat Map of Historic Sales Seasonality



Calendar Heat Map of Historic Sales Seasonality



```
## 'geom_smooth()' using formula = 'y ~ x'
```



```
##
## To cite package 'ggmap' in publications use:
##
## D. Kahle and H. Wickham. ggmap: Spatial Visualization with ggplot2.
## The R Journal, 5(1), 144-161. URL
## http://journal.r-project.org/archive/2013-1/kahle-wickham.pdf
##
## A BibTeX entry for LaTeX users is
##
## @Article{,
##   author = {David Kahle and Hadley Wickham},
##   title = {ggmap: Spatial Visualization with ggplot2},
##   journal = {The R Journal},
##   year = {2013},
##   volume = {5},
##   number = {1},
##   pages = {144--161},
##   url = {https://journal.r-project.org/archive/2013-1/kahle-wickham.pdf},
## }

## R version 4.2.2 (2022-10-31 ucrt)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 10 x64 (build 19045)
##
## Matrix products: default
```

```

##
## locale:
## [1] LC_COLLATE=English_United States.utf8
## [2] LC_CTYPE=English_United States.utf8
## [3] LC_MONETARY=English_United States.utf8
## [4] LC_NUMERIC=C
## [5] LC_TIME=English_United States.utf8
##
## attached base packages:
## [1] grid      stats      graphics  grDevices utils      datasets  methods
## [8] base
##
## other attached packages:
## [1] lattice_0.20-45      RColorBrewer_1.1-3    psych_2.3.3
## [4] vtable_1.4.4         kableExtra_1.3.4      lubridate_1.9.2
## [7] ggmap_3.0.2          rgdal_1.6-7           maptools_1.1-7
## [10] sp_1.6-1             usmap_0.6.2           ggpointdensity_0.1.0
## [13] viridis_0.6.3        viridisLite_0.4.2     tidyr_1.3.0
## [16] stringr_1.5.0        dplyr_1.1.2           readxl_1.4.2
## [19] tidygeocoder_1.0.5   ggplot2_3.4.2
##
## loaded via a namespace (and not attached):
## [1] Rcpp_1.0.10          svglite_2.1.1         png_0.1-8
## [4] digest_0.6.31        utf8_1.2.3            R6_2.5.1
## [7] cellranger_1.1.0     plyr_1.8.8            evaluate_0.21
## [10] highr_0.10           httr_1.4.6            pillar_1.9.0
## [13] RgoogleMaps_1.4.5.3 rlang_1.1.1           rstudioapi_0.14
## [16] Matrix_1.5-1         rmarkdown_2.22        splines_4.2.2
## [19] labeling_0.4.2       webshot_0.5.4         foreign_0.8-83
## [22] munsell_0.5.0        compiler_4.2.2        xfun_0.39
## [25] pkgconfig_2.0.3      systemfonts_1.0.4     mnormt_2.1.1
## [28] mgcv_1.8-41          htmltools_0.5.5       tidyselect_1.2.0
## [31] tibble_3.2.1         gridExtra_2.3         fansi_1.0.4
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## [37] gtable_0.3.3         lifecycle_1.0.3       magrittr_2.0.3
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