

Cordero_week5.2

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2024-07-06

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
library(readxl)
library(stringr)
library(purrr)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

```
data <- read_excel("week-6-housing.xlsx")

arrange_sale_price <- data %>% arrange(desc(data$`Sale Price`))

avg_sale_price <- data %>% summarize(avg = mean(`Sale Price`))

group_by_zone <- data %>%
  group_by(zip5) %>%
  summarize(avg = mean(`Sale Price`))

filtered_by_bedroom <- arrange_sale_price %>%
  filter(bedrooms <= 3)

# data %>% rename('Sale Price'=sale_price)

my_data <- arrange_sale_price %>%
  select(`Sale Date`, `Sale Price`, addr_full, zip5, bedrooms,
```

```

    bath_full_count, sq_ft_lot)

my_data <- my_data %>% mutate(`Sale Price`/sq_ft_lot) %>%
  rename_at(8, ~'price_per_sq_ft') %>% rename_at(1, ~'sale_date') %>%
  rename_at(2, ~'sale_price')

short_data <- my_data %>% select(sale_date, sale_price, addr_full, zip5)

data_no_null <- keep(data, is.numeric)

sale_price_check <- every(my_data$sale_price, is_character)

addr_full_zip <- cbind(data$addr_full, data$zip5)

bedrooms_specified <- rbind(data$bedrooms, data$`Sale Price`)

string_test <- strsplit(my_data$addr_full, " ")

cleaned_string_test <- gsub("^c\\(|\\|\\)$", "", string_test)

cleaned_string_test <- gsub("'", "'", strsplit(cleaned_string_test, ",")[[1]])

concatenated_string_test <- paste(cleaned_string_test, collapse = "/")

```