AirBNB Property Analysis

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Main Goal

Throughout this internship, I will be analyzing multiple data sets in order to answer the question: Is it more advantageous to keep current properties and rent it out, or should the property be sold? In order to answer this question, there are multiple data sets that need to be analyzed:

Data Set Name	Purpose
idk	testing: this is to get a sense of the area

As this project naturally has many layers, I will be dividing up the project into [insert number] sections.

Demographics of Seattle

https://depts.washington.edu/covenants/homeownership_king.shtml#: talks about the demographics of homeowners around the Seattle area

- maybe also look at class, not just race

Selling the Property

Zillow data frames (median prices of the properties that go up + the unique properties that are put up every month starting from 2018)

- Conduct analysis on how many houses have gone up + the price of median prices and make it into a chart?
- conclusion: although we can see how it went up, we also have to consider that this accounts for the majority of Seattle, and not just the specific areas in Seattle, nor the specific model of the house

```
# call all libraries needed

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
```

```
unique_listing <- read.csv("dataset/unique_listings_month.csv") %>%
  filter(StateName == "WA")
```