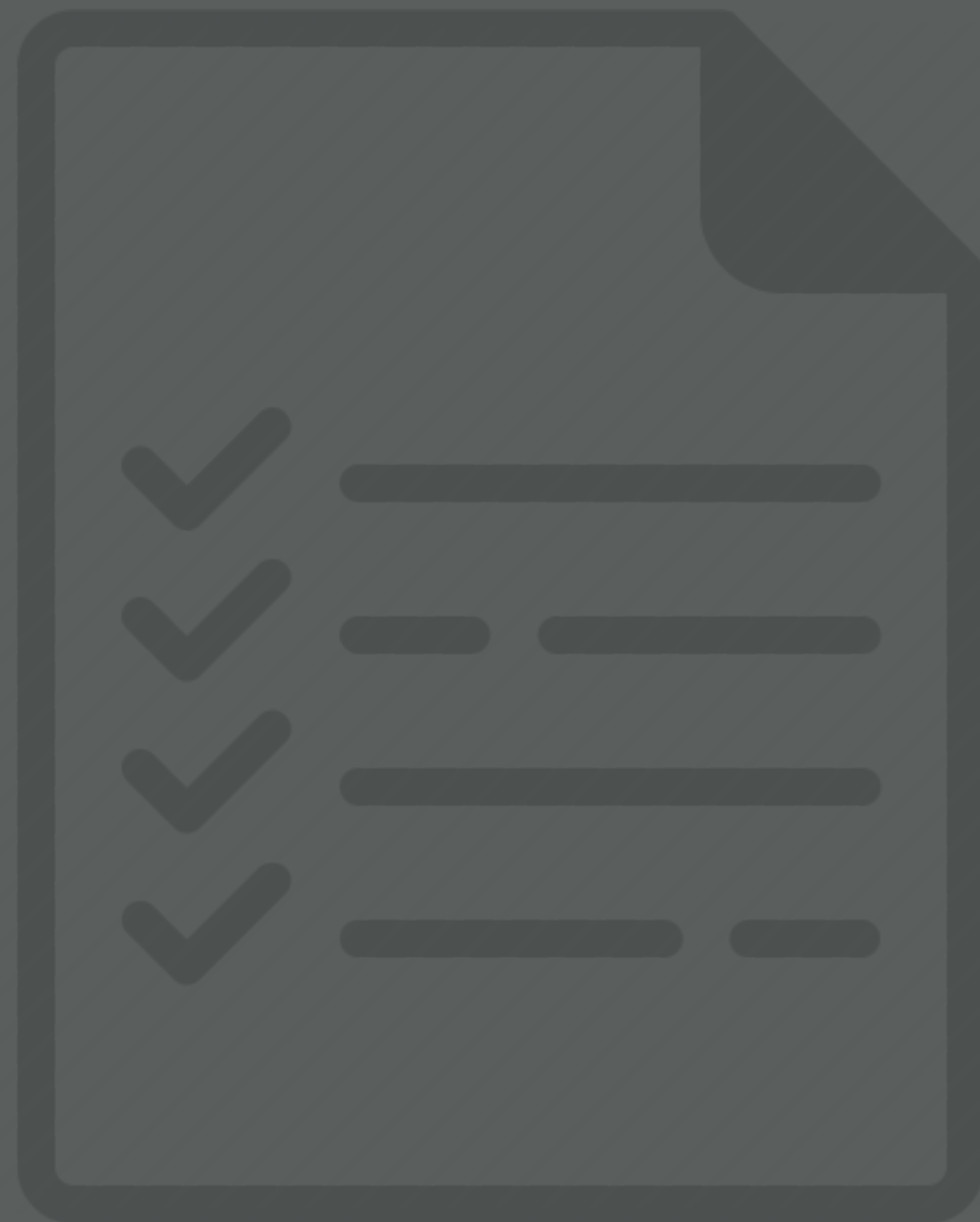


CASE STUDY

Airbnb Frequency Analysis

PREREQUISITES



PREREQUISITES

```
# package prereqs  
library(tidyverse)  
library(tidytext)  
library(magrittr)  
  
# data prereq  
airbnb <- read_rds("data/airbnb.rds")
```

Not necessary but I use it for one small function execution.

TASK I

1

DESCRIBING AIRBNB LOGGING

- 1. Unnest the description text to get single token words*
- 2. Remove stop words*
- 3. Identify and visualize the most commonly used words to describe*
 - Apartments*
 - Houses*
- 4. How similar is the word usage between these two property types?*
- 5. Can you visualize the 100 words that are used by, and are most common between, the two property types.*
- 6. Can you visualize the 100 words that are used by, and are most distinct between, the two property types.*

TASK 2

A large, dark gray rounded square containing a light gray number 2.

AIRBNB AMENITIES

- 1. What are the most commonly provided amenities in the Boston market?*
- 2. What proportion of Boston properties are kid friendly?*
- 3. Do kid friendly properties tend to get higher or lower prices than those that do not mention kids?*