DATA 608 Final Project Proposal

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Data Source

I have chosen Boston Airbnb Open Data from Kaggle:
https://www.kaggle.com/airbnb/boston

As part of the Airbnb Inside initiative, this dataset describes the listing activity of homestays in Boston, MA. There are 3 datasets in this which are as follows:

1. Listings - full descriptions and average review score
2. Reviews - unique id for each reviewer and detailed comments
3. Calendar - listing id and the price and availability for that day

I will create an interactive shiny app. The app will display the plots for the earnings of Airbnb for the selected period of time. The number of bookings will also be plotted based on the input.

I am planning on displaying the daily and monthly plots as well.

Tools

I will be using the following libraries.

- shiny
- shinythemes
- tidyr
- dplyr
- purr
- DT
- tibble
- plotly
- lubridate

The app will be deployed at shinyapps.io .