Dissecting property availability in New York City using Airbnb open data

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Overview

Price breakdown of Airbnb properties in New York City less than US$200 per night for stays between 5 and 15 nights for Bronx, Brooklyn, Manhattan, and Queens.

Data source

Below is the raw data output. Data source: Airbnb open data for New York City.

```
## Observations: 201
## Variables: 16
## $ id                              <dbl> 5022, 7750, 9357, 9657, 12303, ...
## $ name                            <chr> "Entire Apt: Spacious Studio/Lo...
## $ host_id                         <dbl> 7192, 17985, 30193, 21904, 4761...
## $ host_name                       <chr> "Laura", "Sing", "Tommi", "Dana...
## $ neighbourhood_group             <chr> "Manhattan", "Manhattan", "Manh...
## $ neighbourhood                   <chr> "East Harlem", "East Harlem", "...
## $ latitude                        <dbl> 40.79851, 40.79685, 40.76715, 4...
## $ longitude                       <dbl> -73.94399, -73.94872, -73.98533...
## $ room_type                       <chr> "Entire home/apt", "Entire home...
## $ price                           <dbl> 80, 190, 150, 180, 120, 150, 11...
## $ minimum_nights                  <dbl> 10, 7, 10, 14, 7, 7, 7, 7, 7, 7...
## $ number_of_reviews               <dbl> 9, 0, 58, 29, 25, 95, 60, 27, 2...
## $ last_review                     <date> 2018-11-19, NA, 2017-08-13, 20...
## $ reviews_per_month               <dbl> 0.10, NA, 0.49, 0.24, 0.23, 0.8...
## $ calculated_host_listings_count <dbl> 1, 2, 1, 1, 1, 1, 1, 2, 1, 6, 2...
## $ availability_365                <dbl> 0, 222, 40, 41, 337, 328, 306, ...
```

Plotting code

The below code produces the plot. All code for subsetting the data is found in the source file.

```
# the printout of your plotting code here
```