

# Exploratory Analysis of Data for Airbnb Listings in NYC

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## Exploratory Analysis

Response of Interest: Price and Popularity

## Choosing a Meaningful Measure of Popularity

Heterogeneity across Neighbourhoods/Boroughs

## Spatial Correlation

## Predictors of Interest

Possibly Unreliable Predictors



## Modeling

## Price and Popularity: Bivariate Mixed Effects Regression

Did We Miss Spatial Correlation Within Neighbourhoods?

## Text Analysis for Listing Names

Further Work