**Exploring New York Airbnb**

Len Wei Jie

20 May 2020

1. **Introduction**

Hotels have been a mainstay for people who are travelling. It all changed when Airbnb was founded, and it revolutionized the way we choose our accommodation choices. As people are spoilt for choices, most of them will be thinking if they chose the right apartment. In this report, we will be looking through factors which affects how people choose their Airbnb choices.

* 1. **Problem**

Data that might help us to choose the right apartment could be the number of reviews, amenities nearby, price and room type. With all these data, we will be able to determine what makes up a person decision on a particular apartment on Airbnb.

* 1. **Interest**

People looking to rent an apartment on Airbnb would be interested to find out how to choose the right Airbnb out there.

1. **Data**

We will be using datasets found in Kaggle[[1]](#footnote-1). Different features of an apartment on Airbnb will be listed such as price, number of reviews and apartment types. We will also leverage foursquare data to locate nearby amenities around different Airbnb to determine if they would affect a person’s choice in choosing an apartment.

A screenshot of a cell phone

Description automatically generated

The picture above shows the dataframe after being manipulated to show the data that we want.

1. https://www.kaggle.com/dgomonov/new-york-city-airbnb-open-data [↑](#footnote-ref-1)