

# SELECTING PLACE TO LIVE IN MANHATTAN, NEW YORK

## 1. INTRODUCTION

The problem I want to answer here is how to choose a place to live in Manhattan, New York City. The place could be a Hotel, Condo, or another kind. But the important thing is from that place I can easily find a Gym.

## 2. DATA

The data I need entirely available from Foursquare. What I need is just a location information in every neighborhood in Manhattan, so I can map where the Gym and where the place to live.

## 3. METHODOLOGY

The methodology I use is descriptive analysis, using proportion and sorting. The first step I do is : for every neighborhood in Manhattan, I calculate the top 20 venues. And then I look for three neighborhood where Gym is the top 1 venues.

The second step is, within those three neighborhood, I look for in top 20, a place to live such as a Hotel, or Condo or any other kind of living place.

## 4. ANALYSIS

Based on first step, the neighborhood where Gym is the no 1 top venues are : Civic Center, Flatiron, and Sutton Place.

And then within those three, looking for a living place, and based on the second step, the result I get is Hotel in Civic Center. Hotel in Civic Center positioned at 3<sup>rd</sup> rank.

## 5. RESULT AND DISCUSSION

The result suggest that if I want to stay in Manhattan, where I can easily find Gym and place to stay is in Civic Center neighborhood, where I can easily find Gym as it is a number one top venue, and I can easily find Hotel as it is a number three top venue.

Actually, in Foursquare result, I cannot find a venue labeled as Housing Complex, or labeled as Apartment building, so may be this is not the best result. The result could be better if Foursquare able to define a Housing Complex, and another kind of living place, not just Hotel.

## 6. CONCLUSION

There are several conclusion that I can deliver here :

1. The best place to stay where you can easily find Gym and place to stay is Civic Center, where Gym is a top venue number one, and hotel is a top venue number three.
2. Foursquare application does not label a housing complex, or a living place, may be in the future this label should be considered as part from Foursquare.