

1. Introduction

1.1 Background

Billy is living in the neighborhood Lincoln Park in Denver Colorado and while working on a project in Chicago Illinois he met some contacts and got a great job offer in Chicago. After thinking about the offer Billy decided to accept. He is excited about moving to a large city like Chicago with all the activities, however in the news Billy has learned that Chicago is having problems with gun violence and he doesn't know where to look for an apartment. In addition, Billy is very happy with his current neighborhood in Denver, and wants to find a similar neighborhood in Chicago.

1.2 Problem

The available venues in Denver is a big reason Billy is happy with his neighborhood, and it is relatively safe. As a result, the venues from Billy's neighborhood in Denver, will be compared to the venues around the 55+ 'postal codes' in Chicago to find an area that is most similar to his neighborhood in Denver. Then, the crime will be analyzed in Chicago to find an area where Billy will feel safe.

1.3 Interest

This analysis will be very important to Billy because starting a new job is a big decision. In addition, it can be difficult moving to a new city not knowing anybody or any of the nearby venues. As a result, if Billy can find an apartment in an area he is comfortable it will ease the transition starting a new job in a new city.