

Finding the best community area in Chicago to live in

Aparna Subhakari R S

1 Introduction/Business Problem

1.1 Background

Chicago is the most populous and popular city in Illinois. With an estimated population of 2,716,450 (2017), it is the third most populous city in the United States, the third-largest in the United States, and the fourth largest in North America. Chicago is an international hub for finance, culture, commerce, industry, technology, telecommunications, and transportation. Chicago has one of the highest GDP in the world, generating \$ 680 billion in 2017. The city lies beside huge freshwater Lake Michigan, and two rivers— the Chicago River in downtown and the Calumet River in the industrial far South Side—flow entirely or partially through Chicago making it most beautiful place to live in. One of the main considerations of a move to Chicago is affordability.

1.2 Description of the problem

According to the details mentioned above , Chicago seems to be a great place to move in and to live. But the question is which community area or which community area neighbourhood we choose as the city is divided into 77 community areas and around 100 neighbourhoods. Factors that determine the best place for living include 'Housing Availability', 'Employment rate', 'House Holds below poverty line'. The goal of this project is to find the best community area and neighbourhoods to live in based on the factors mentioned above. The questions can be framed as :

1. What is the best community area to live in
2. How community areas are categorized according to crowded housing or unemployment rate etc. features?
3. Does correlation exist between these features selected?

1.3 Target Audience

Students who want to pursue higher education as the universities here are ranked in top among the top universities in USA. The city is popular with college students because they can enjoy student life without worrying too much about covering the bills as cost of living is reasonable. Job aspirants who want to get into good jobs with high salaries and also the comfortable life in every means because Chicago has a steady job market. There are many big businesses here and plenty of work opportunities. It offers a vibrant city life without the hefty property price tags of New York or Los Angeles and the cost of living is lower here. This makes a very good reason to live in Chicago with families as well.