



Relocation Recommendation from Delhi to Toronto Using Neighbourhood Clustering

Prepared for: Coursera Capstone

Prepared by: Naman Sharma

28 April 2020

INTRODUCTION

IN THIS PROJECT, WE WILL TRY TO FIND AN OPTIMAL NEIGHBOURHOOD FOR A PERSON RELOCATING FROM THE CITY OF DELHI(INDIA) TO TORONTO(CANADA)

Background

People often move until they find a place to settle down where they truly feel happy, satisfies professionally or to seek higher education. Our wants and needs change over time, prompting us to eventually leave a town we once called home for a new place that will bring us growth. We often move to a new area without knowing exactly what we're getting into, forcing us to turn tail and run at the first sign of discomfort. To minimise the chances of this happening, we should always do proper research when planning our next move in life.

Problem

Specifically, this report will be a suggestion to those students and employees to whom relocating does bring a huge change in lifestyle and they want to adapt to their new-habitat as easily as possible. Finding a suitable location for relocation for anyone in major cities like Toronto proves to be a daunting task. Various factors such as Public Facilities, Favourite Cuisine, restaurants, religious practices, etc matters to the people. Hence, migrant can bolster their decisions using the descriptive and predictive capabilities of data science.

Interest

We need to find locations(Neighbourhood) that have a similar nearby venues in Toronto compared to persons native Neighbourhood in Delhi. Also, we need locations that are close to Work/Study location in Toronto. We will use our data science powers to generate a few most promising neighbourhoods based on this criteria. Advantages of each area will then be clearly Expressed so that best possible final location can be chosen.
