Predicting the Best Place for Indonesian Restaurant in Toronto

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1. Introduction

1.1 Background

Indonesian cuisine is a great food for people in Toronto, especially during winter season, because it contained various spices. In reality, there is no restaurant that served Indonesian cuisine there. So, it is a good idea to open an Indonesian restaurant in Toronto. It is quite challenging to find a place or area to open the Indonesian restaurant. This project will help the enterpreneur to find the most suitable location.

1.2 Problem

The main problem is to find the most suitable location based on the density of restautant in the area.

1.3 Interest

Enterpreneur(s) who wants to open Indonesian restaurant in Toronto, Canada.

2. Data

2.1 Data needed

Data needed for this project are shown below :

- List of neighborhood in Toronto, Canada
- Latitude and Longitude data for every neighborhood in Toronto, Canada
- Venue data related to restaurant in neighborhoods of Toronto, Canada

2.2 Data Extraction

The extraction of data needed are shown below:

- Scrapping data of Toronto neighborhoods via Wikipedia and stored into dataframe
- Getting location coordinates via Geospacial Data given by Coursera
- Getting the venue data via API call to FourSquare API