

Capstone project – The battle of the neighborhoods

1. Introduction

1.1 Background

Toronto is the provincial capital of Ontario. It is the most populous city in Canada and the fourth most populous city in North America. Toronto is an international center of business, finance, arts and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world. A cat café is a theme café whose attraction is cats that can be watched and played with. As cat cafés have been quite popular in Asia, based on the merits of Toronto, there is a potential large market for cat cafés.

1.2 Problem

Stakeholders are interested in opening a cat café in Toronto, Canada. Since there are lots of cafés in Toronto, we will try to detect locations that are not already crowded with cafés. We are also particularly interested in areas with no cat café in vicinity. We would also prefer locations as close to city center as possible, assuming that first two conditions are met.

2. Data

2.1 Data sources

Based on the definition of our problem, data containing borough, neighborhood, number of cafés, their type and location in every neighborhood, coordinates of Toronto center will be used for analysis.