Clustering the Toronto Neighborhoods

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Introduction:

1.1 background:

Toronto city is multicultural city where people from different countries live and enjoy visiting different restaurants which provide different cuisines from their original home countries.

1.2 Problem:

This diversity in cuisines makes knowing the number of restaurants and their variety of cuisines is so important for either investors who are looking to open new restaurant or for new immigrants who are looking to live in neighborhoods which have high number of restaurants and variety of cuisines.

1.3 Interest:

This report is attempt to address the challenge which faces mainly two groups of people:

Group 1 is the investors who plan to open new restaurant in one of Toronto city neighborhoods and don't know exactly which neighborhoods they can choose it considering how big and diversity Toronto city is.

Group 2 is the immigrants who are looking to live in neighborhoods with adequate number of restaurants and variety of cuisines.

In addition to these two groups this report may be sound interesting for people who are interested in such type of research from different fields like Data science filed, city planning ..etc.

1.4 Proposed Technology:

This report uses Data science tools to address this problem and provide good insight for these groups of people to help them choosing the appropriate neighborhoods.