

DS Capstone

The purpose is to help those who plan on opening restaurants in Toronto. Data such as neighborhood, income, and population count will help with deciding what kind of restaurant to open and the type of cuisine. In order to ensure the stakeholders have quantitative evidence of this service is reliable, I'll be wrangling Toronto's Census data that contains Population, income per Neighborhood with and Neighborhood profiles and will use the Foursquare API to search for similar restaurants located in nearby locations. Additionally, the foursquare API can be used to color-code neighborhoods based on certain characteristics such as income or population.

The data shows that most of the restaurants are located downtown or on Mainstreet. While the southern parts have a higher concentration of restaurants, the north has residents with higher incomes. Population count also has no direct influence on restaurant density. This project may help those who are planning to open a restaurant in the city of Toronto since they can easily access the data to make decisions about the optimal prices to set and the size of the operation. The foursquare API also makes it easy to see what type of restaurants already exist in the space, so competition can also be adequately judged.