

IBM Data Science Certification – Final Capstone Project Report

Analyzing Optimal Restaurant Locations in Toronto, Ontario, Canada

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Introduction:

This project has been undertaken as the final requirement of the IBM Data Science Certification. The capstone project will analyze geographical data from the city of Toronto and provide recommendations on optimal locations to open a restaurant.

The city of Toronto is one of the most multi-cultural cities in the world, as such, local communities, type of restaurant, average household income, average meal price, restaurant area leasing, etc., will play a big factor in determining what restaurant to open in what locality.

Data:

The data will be imported from a variety of resources such as the Foursquare API as well as web pages. Tools to scrape the data include BeautifulSoup for html data, while pandas will be used to analyze and tabulate data.