

Food Distribution in Downtown Houston, and its Business Implication

Introduction: Business problem.

The city of Houston, Texas has been becoming a multicultural hub which has a wide variety of international restaurants. In order to support those business throughout the city, the supply chain has to set up efficiently to reduce transportation time and keep food fresh.

In this project I will try to analyze and compare different cuisine location in Downtown Houston, Texas. Specifically, this report will compare Japanese and French restaurant location to help client to make decision where to set up local supply centers to meet demands from different cuisine. This will benefit both food distribution and restaurant.

Data

Following data will used for the analysis.

- Foursquare location data to find out existing restaurant in downtown Houston area.
- Geopy to find out longitude/ latitude of Houston, TX

Specifically, I will use Foursquare location data to find out Japanese and French restaurants in Downtown Houston. After that I will cluster and compare distribution between them and give my recommendation for local supply center location for the different restaurant.