

Peer-graded Assignment: Capstone Project

The Battle of Neighborhoods
(Week 2)

TRAVEL AGENCY - NEW TRAVEL PACKAGE

Introduction

- This project is to take a glimpse at different neighborhoods of Providence, RI and Hartford, CT. Both cities are capital cities of their states and are major cities between New York City and Boston in East Coast.
- Travelers from inside and outside of New England area who want to decide where to visit and business owners may be interested in the project.

Data

Two data sets of zip code and neighborhoods with latitude and longitude for each city from multiple online sources such as both wiki and kaggle for additional purpose

Methodology

Basic skills from week 3 lab
Majorly relied on Foursquare API to retrieve all venues of each neighborhoods, then group by each neighborhoods and to count how many venues before filter top 10 most common venue types of each neighborhoods

Results

- Providence has more venues than Hartford (512 vs 460)
- Federal Hill has the most venues in Providence
- Downtown has the most venues in Hartford
- Most of venues in Federal Hill are restaurants, bars
- Venues in Downtown Hartford are more diverse includes:
banks, concert hall, gyms...
- Bars, Restaurants, Bakeries, and Diners are very common in Providence
- Hartford is more about commercial

Conclusion

For travelers:

- Providence may more suitable to spend a good amount time of enjoy the local food
- Hartford has less food but more commercial

For business owners:

- Providence is good place to open small business related to food and travel industry
- Hartford is better place to involve in insurance industry

