

Report - Capstone Project - The Battle of Neighborhoods (Week 4)

(Introduction/Business Problem)

Problem Statement: A Recommendation Website wants to offer a new type of feature that helps its users in categorizing the nearby eateries in major cities of the world with respect to uniqueness of cuisines and help tourists complete their tour without missing anything on the culinary side of things.

Stakeholders: Recommendation Website

Target Audience: People touring these cities and looking for unique cuisines.

Methodology:

1. We will first find out latitude and longitude for our city using a world cities dataset.

(Dataset attributed to : <https://simplemaps.com/data/world-cities>)

2. Then we use Four Square's API to find out all eateries within a 5 km radius of the city center.

3. We then use clustering to find similarities and dissimilarities between eateries.

4. Finally using Folium we display the results for each city.