

Coursera Capstone Project (Week 1)

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1. Introduction

This project covers information meant to aid in a city ranking system, based at least in part, on the “Arts and Entertainment,” “Nightlife Spots,” and “Outdoors and Recreation.” The number of venues available under these categories will be clustered together and mapped out for a visual representation of the data. The idea being that by making this information available for a city, interested parties can then utilize the information to aid in the creation a list of “Best Cities for Entertainment” or similar listings. The target audience then, would be persons who are interested in creating such a ranking, and they in turn can target the general public. In this case, Seattle, WA will be used to conduct the project.

2. Data

Data will be taken using the Foursquare API to make note of clusters of the above categories. The information will be focused on the neighborhoods in the downtown area of Seattle. Reference information for the neighborhoods, such as which neighborhoods to include and their zip codes, will be taken from Wikipedia. The following link is the source page for all Seattle neighborhoods and provides both neighborhood names and the larger district names. The larger district for this project will be Downtown. https://en.wikipedia.org/wiki/List_of_neighborhoods_in_Seattle

3. Methodology

4. Results

5. Discussion

6. Conclusion