

Data Science Capstone

Introduction:

Choosing where to live can be a difficult decision. There are many factors that go into choosing a location to live. The audience for this project is young professionals, with no children, starting their careers in the city of Milwaukee, Wisconsin. This project focuses on Milwaukee County and the cities within. Each city in the county is unique and different and has different offerings. This project will explore locations, clusters, population, and venues. Once cleaned and visualized the data can be used for an individual to make decisions where to start looking to live.

Data:

The data location, population, and density came from <https://simplemaps.com/data/us-cities>. This data set included State, county, city, lat/long, density, and time zone information. This was used to highlight and visualize the locations in relationship to the City of Milwaukee and create k-means clusters. Foursquare data was used to gather information on all venues near the cities/clusters. The venues were sorted by frequency and top 10 lists were created for each city in each cluster.