

An aerial night view of a city, likely Toronto, with the CN Tower prominently visible in the center. The city lights are visible, and the sky is dark. Several white diagonal lines are drawn across the right side of the image.

PRESENTATION OF THE NUMBER OF SPORTS TEAMS IN TWO CITIES OF THE UNITED STATES AND CANADA.

Applied Data Science Capstone.

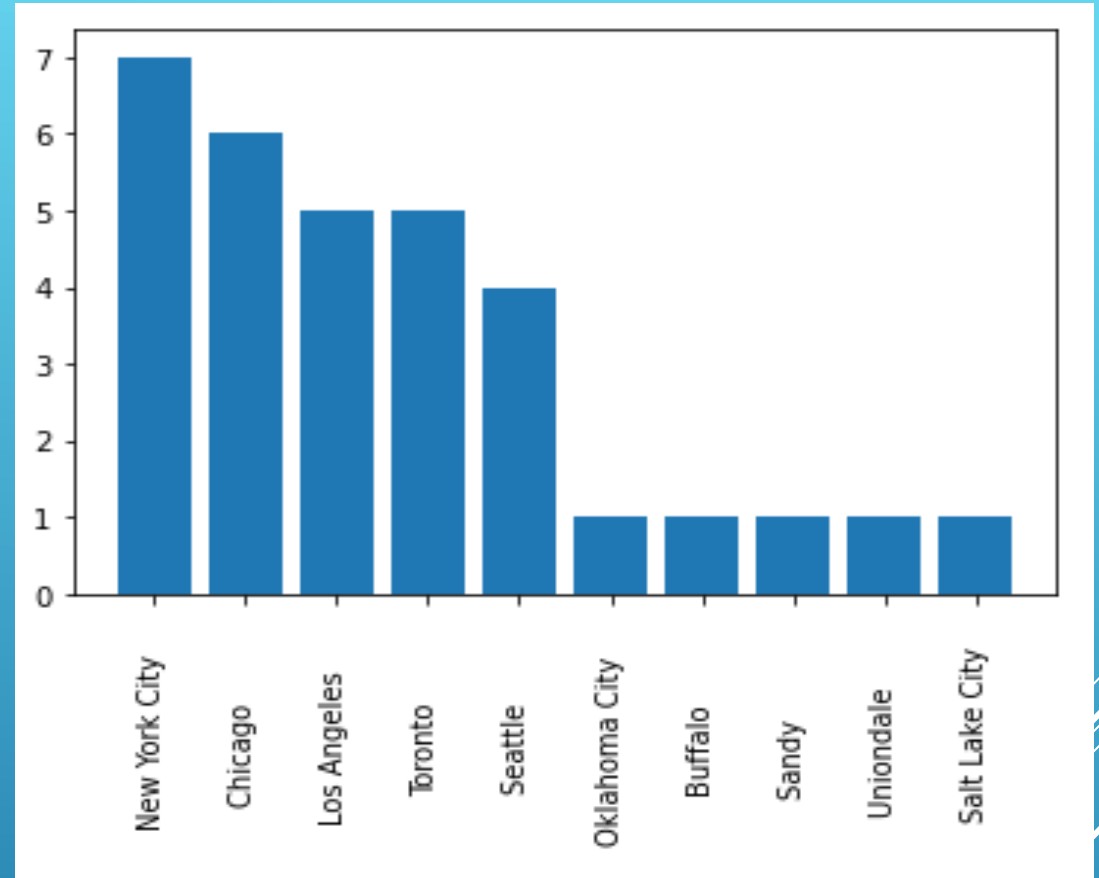
- ▶ Pinpoint an excellent location for a business.
- ▶ Viewing competition from rival outlets.
- ▶ Generate data to help improve business.

PREDICTING VENUES FOR RESTAURANT OPENING.

- ▶ Wiki Data.
- ▶ Github CSV data (excel raw data).
- ▶ Google Maps.

DATA ACQUISITION AND CLEANING.

- ▶ Bar chart to show data analysis.
- ▶ New York City and Toronto show highest.



DATA ANALYSIS AND GRAPHS.

[42]:

CLUSTERING AND ALGORITHM.

After using the K-Means algorithm the results were as pictured.

Cluster 3 (green area) has the best potential for starting a business.



- ▶ Although the datasets and data clustering helped to gain an insight into the area. Moreover, I would have preformed a more detailed examination of demographic.
- ▶ I did have problems finding correct or relevant datasets within my chosen subject.

CONCLUSION.