

## Problem Statement

- To analyze different neighborhoods in Columbus, Ohio area and leverage Foursquare api to understand the most popular venues in each neighborhood.
- This analysis is intended for anyone who is looking to move to Columbus to live, study or work.
- I intend to leverage Foursquare API to come up with popular venues for each neighborhood.
- I also intend to cluster similar neighborhoods and add visualizations.

## Data

The data was sourced from two different sources and curated to form a pandas dataframe for analysis.

1. <http://columbusneighborhoods.org/explore-central-ohio/> - for neighborhoods of columbus
2. <https://www.latlong.net/> for Latitude and Longitude details of the neighborhoods

Sample Dataset:

| Neighborhood     | Lat       | Long       |
|------------------|-----------|------------|
| Bexley           | 39.969238 | -82.936867 |
| Brewery District | 39.951569 | -82.999921 |
| Canal Winchester | 39.842819 | -82.805649 |
| Clintonville     | 44.620739 | -88.761971 |