Sample Data Science Problem:

A musician is planning to move to Manhattan. Since music work requires access to a number of different venues for employment, the musician would like to view all possible places of employment and will use this analysis to inform a decision about the best neighborhood to live in. The ideal place to live would be closest to the greatest number of venues, to save on transportation costs. Create a map that shows all music venues in Manhattan, available through the Foursquare API, relative to the neighborhoods of Manhattan.

Data:

This analysis will use the Foursquare API to search for relevant venues in Manhattan. It will also use a json file that contains geographic data for New York City.