

# Coursera Capstone Project - Week 4

## Finding US cities similar to Phoenix

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### Description of the data

I will be using data from two different sources for this project - Foursquare and the US Cities Dataset. The Foursquare API provides data about the venues whereas the US Cities Dataset provides city names and location coordinates.

### Foursquare API

Website: <https://developer.foursquare.com/docs/api/venues/details>

The Foursquare Places API allows users to get details about nearby venues for a given location. I've used this API to get the following details about 10 nearby venues for a given city:

1. Venue Name
2. Venue Latitude
3. Venue Longitude
4. Venue Category (Short name)

### US Cities Dataset

- Original Name: 1000 Largest US Cities By Population With Geographic Coordinates
- Website: [opendatasoft.com](http://opendatasoft.com)
- Source: [Click here](#)
- Reference: [Miserlou on GitHub](#)
- Disclaimer: I do not own any part of this dataset. All copyrights belong to their respective owners.

I will be using the following columns from this dataset:

1. City
2. Rank
3. Coordinates