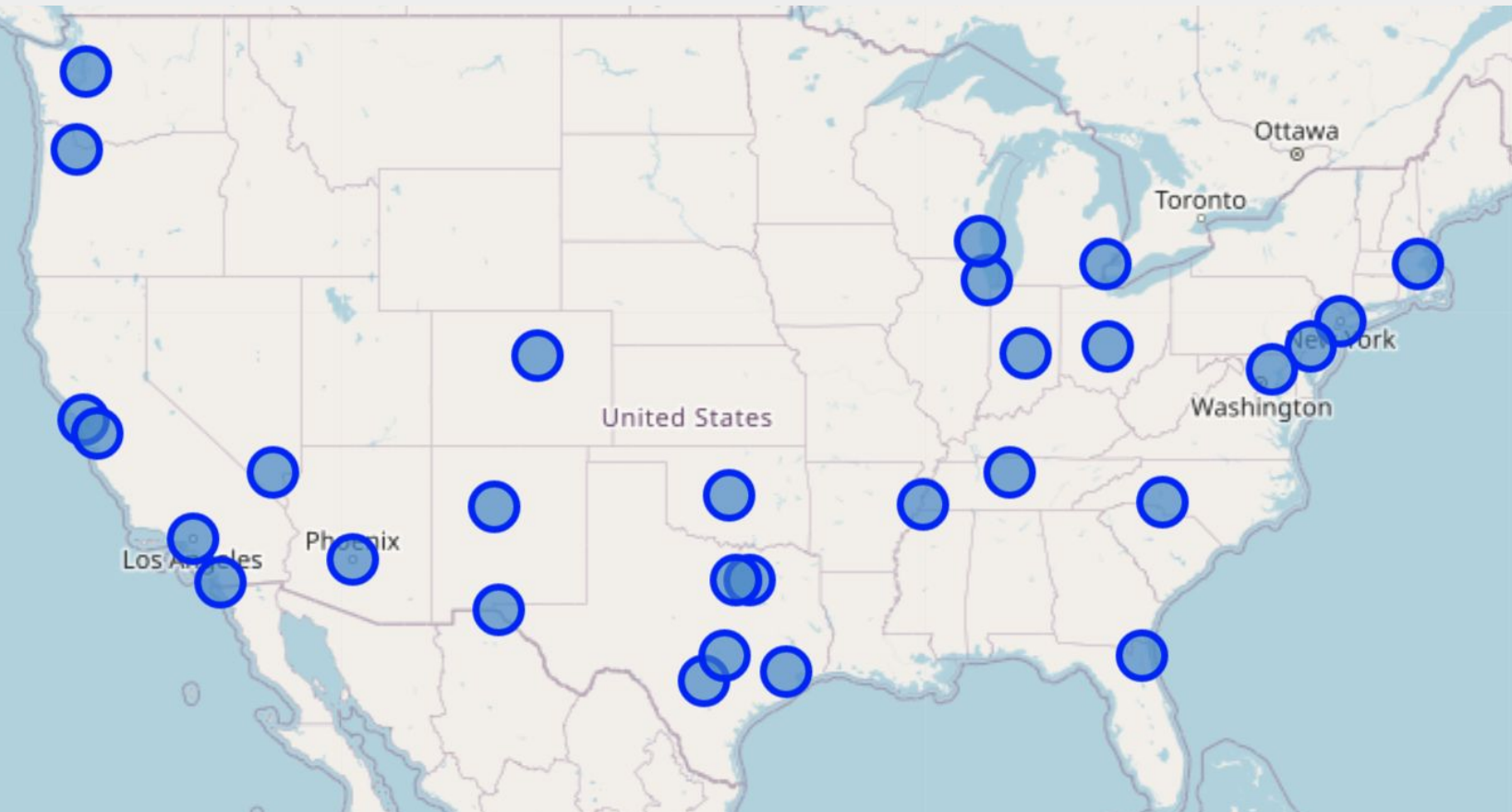


What are the sister-cities in the US?

The 30 most populated cities in the US were used in this analysis



Albuquerque, NM,
Austin, TX,
Baltimore, MD,
Boston, MA,
Charlotte, NC,
Chicago, IL,
Columbus, OH,
Dallas, TX,
Denver, CO,
Detroit, MI,
El Paso, TX,
Fort Worth, TX,
Houston, TX,
Indianapolis, IN,
Jacksonville, FL,
Las Vegas, NV,
Los Angeles, CA,
Memphis, TN,
Milwaukee, WI,
Nashville, TN,
New York City, NY,
Oklahoma City, OK,
Philadelphia, PA,
Phoenix, AZ,
Portland, PO,
San Antonio, TX,
San Diego, C',
San Francisco, CA
USA,
San Jose, CA,
Seattle, WA

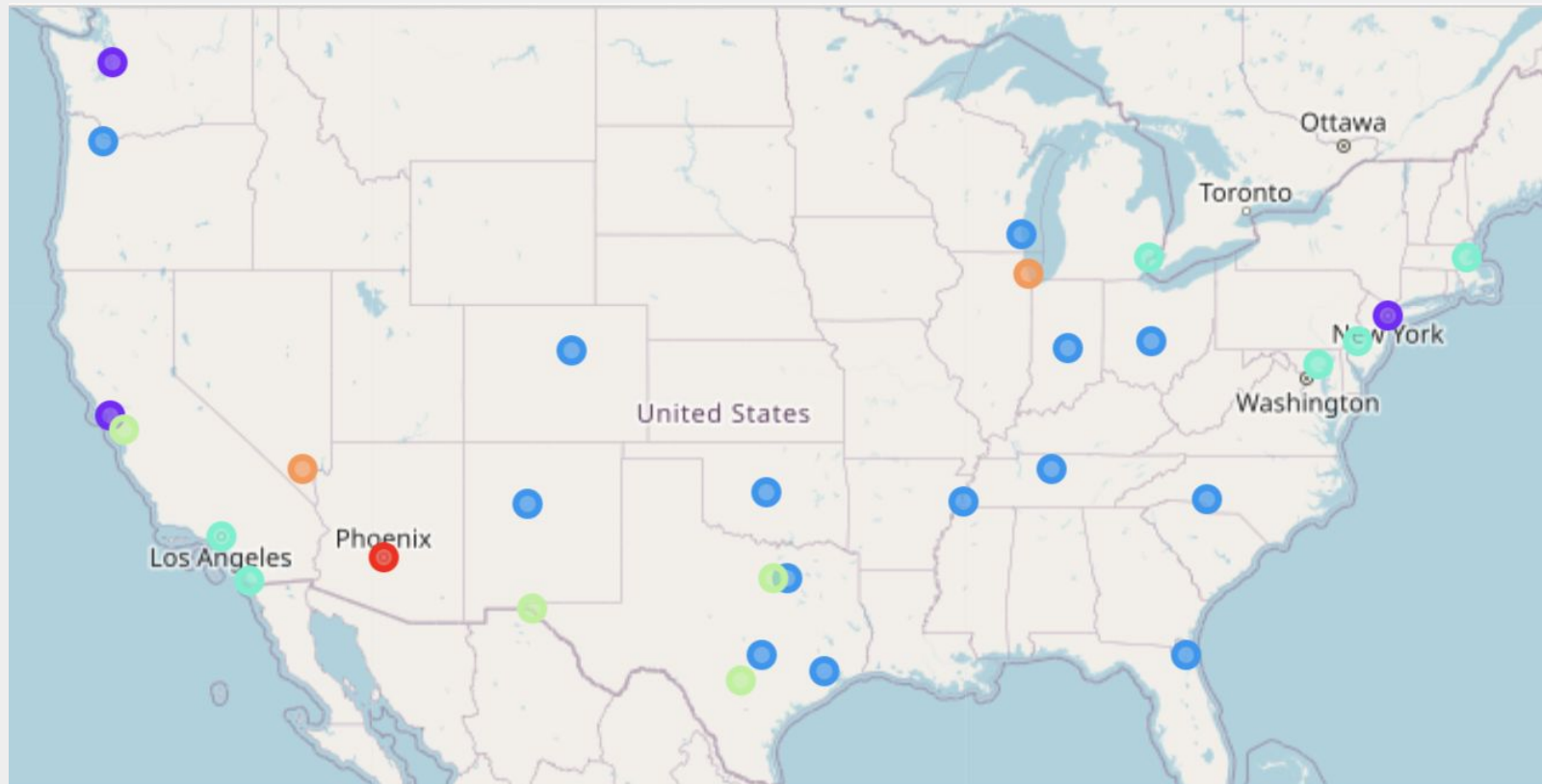
K-means clustering using the category of 100 business per each city

City	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
Albuquerque, NM	Brewery	Coffee Shop	Mexican Restaurant	Grocery Store	Park	American Restaurant	Hotel	Pizza Place	Burger Joint	BBQ Joint
Austin, TX	Coffee Shop	Hotel	Pizza Place	Park	American Restaurant	Grocery Store	Seafood Restaurant	Cocktail Bar	Ice Cream Shop	Italian Restaurant
Baltimore, MD	Seafood Restaurant	Park	Pizza Place	American Restaurant	Coffee Shop	Italian Restaurant	Bar	BBQ Joint	Art Museum	Ice Cream Shop
Boston, MA	Bakery	Park	Italian Restaurant	Seafood Restaurant	Hotel	Restaurant	Brewery	Trail	Mexican Restaurant	Gastropub
Charlotte, NC	Brewery	Pizza Place	Park	Bakery	Deli / Bodega	Bar	American Restaurant	BBQ Joint	Grocery Store	Southern / Soul Food Restaurant
Chicago, IL	Hotel	Park	Italian Restaurant	Yoga Studio	Theater	Coffee Shop	Sandwich Place	Boat or Ferry	Cocktail Bar	Mediterranean Restaurant
Columbus, OH	Park	Coffee Shop	American Restaurant	Brewery	Ice Cream Shop	Pizza Place	Café	Grocery Store	Bakery	Diner
Dallas, TX	Coffee Shop	Brewery	Mexican Restaurant	Seafood Restaurant	Steakhouse	Hotel	Park	Burger Joint	Taco Place	Pizza Place

Table shows a sample of the business categories used in the analysis

RESULTS

6 clusters



Cluster 1

Phoenix, AZ

Cluster 4

Baltimore, MD

Boston, MA

Detroit, MI

Los Angeles, CA

Philadelphia, PA

San Diego, CA

Cluster 2

New York City, NY

San Francisco, CA

Seattle, WA

Cluster 3

Albuquerque, NM Austin, TX

Charlotte, NC Columbus, OH

Dallas, TX Denver, CO

Houston, TX Indianapolis, IN

Jacksonville, FL Memphis, TN

Milwaukee, WI Nashville, TN O

klahoma City, OK Portland, PO

Cluster 6

Chicago, IL

Las Vegas, NV

Cluster 5

El Paso, TX

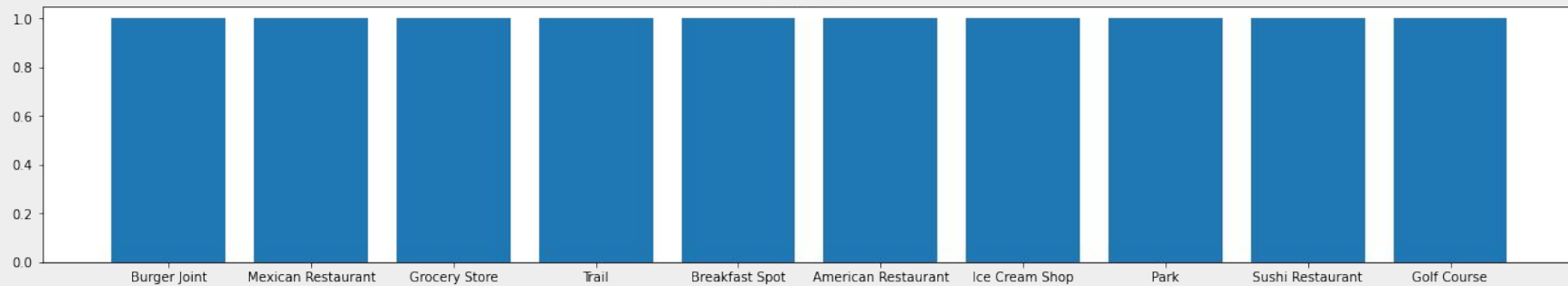
Fort Worth, TX

San Antonio, TX

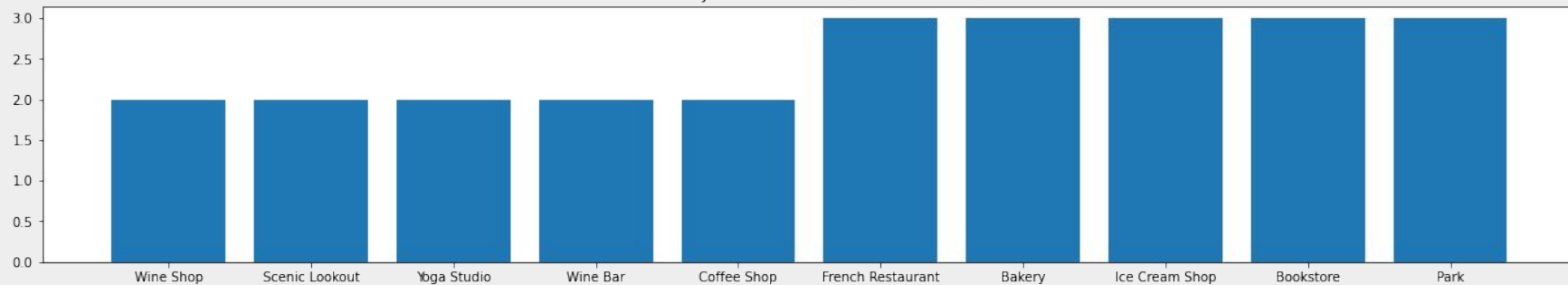
San Jose, CA

TOP 10 BUSINESS CATEGORY
FOR EACH CLUSTER

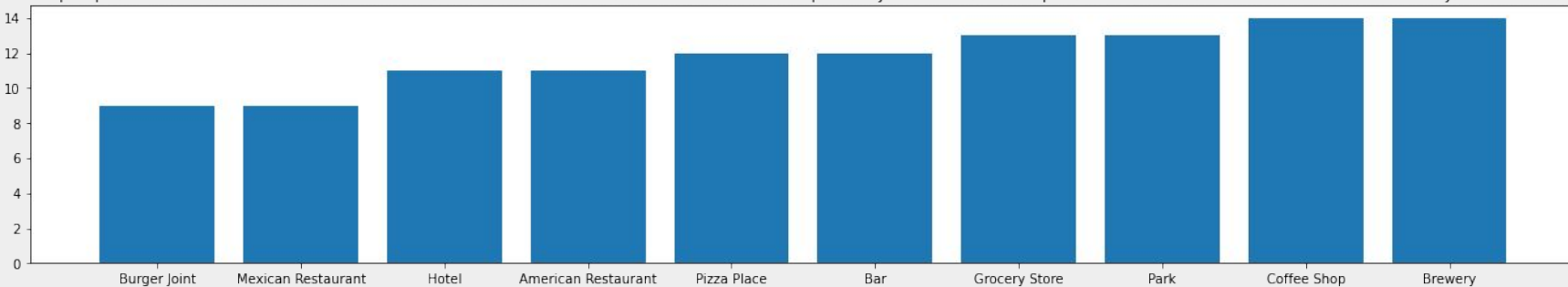
Phoenix, AZ



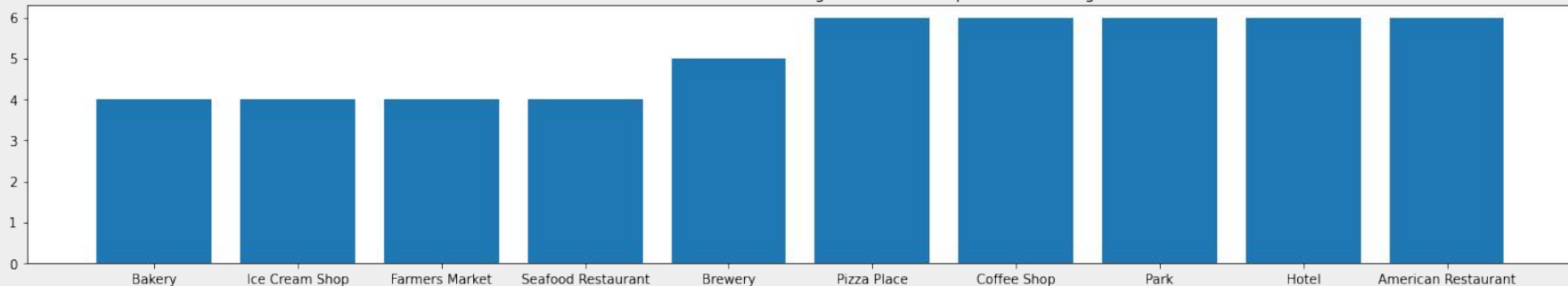
New York City, NY San Francisco, CA USA Seattle, WA



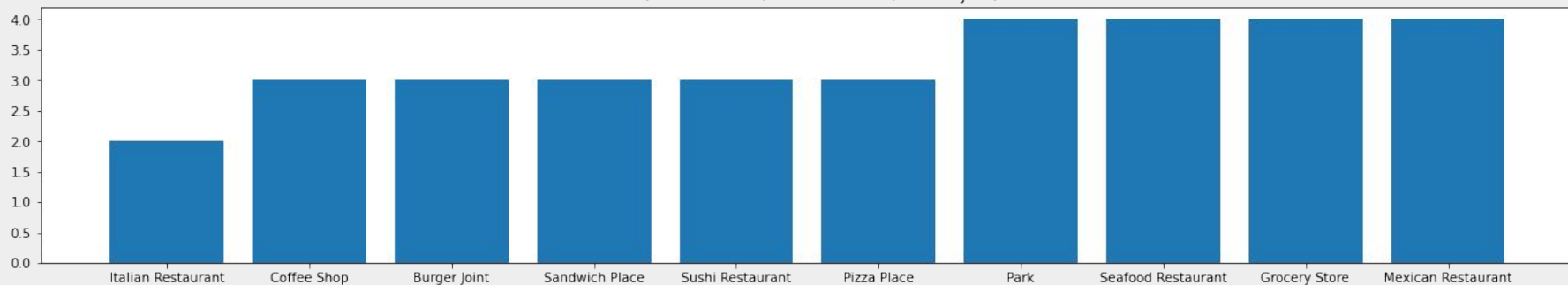
Albuquerque, NM Austin, TX Charlotte, NC Columbus, OH Dallas, TX Denver, CO Houston, TX Indianapolis, IN Jacksonville, FL Memphis, TN Milwaukee, WI Nashville, TN Oklahoma City, OK Portland, PO



Baltimore, MD Boston, MA Detroit, MI Los Angeles, CA Philadelphia, PA San Diego, CA



El Paso, TX Fort Worth, TX San Antonio, TX San Jose, CA



Chicago, IL Las Vegas, NV

