

A detailed photograph of various tactical and military equipment. In the center, a black assault rifle with a magazine and a scope is prominently displayed. To its left, a black handgun lies on a camouflage-patterned fabric. Above the handgun, a pair of black tactical gloves with 'Armored Claw' branding is visible. The background consists of various pieces of military gear, including a green tactical vest with multiple pockets and straps, and a black bag. The overall scene is set against a backdrop of camouflage and tactical materials.

Best Place for Gun Shop

Key steps

- Choosing State
- Choosing City
- Choosing neighbor and location
 - Clustering
 - Determining best cluster
 - Choosing center of the best cluster

Choosing State and industry report

State comparsion by:

Economic Output

Total Economic Output, dollars
Texas
California
Illinois
Minnesota
Florida
Massachusetts
New York
Pennsylvania
North Carolina
Ohio

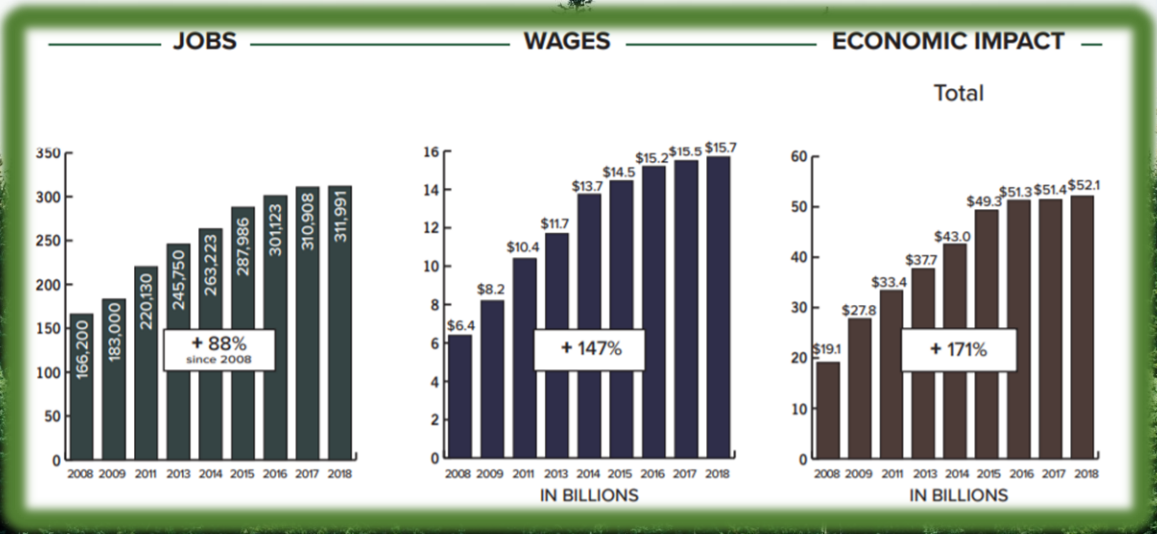
Total Jobs

Total Jobs, number
Texas
California
Florida
Illinois
Minnesota
Pennsylvania
Ohio
North Carolina
Missouri
Georgia

Federal Excise Tax

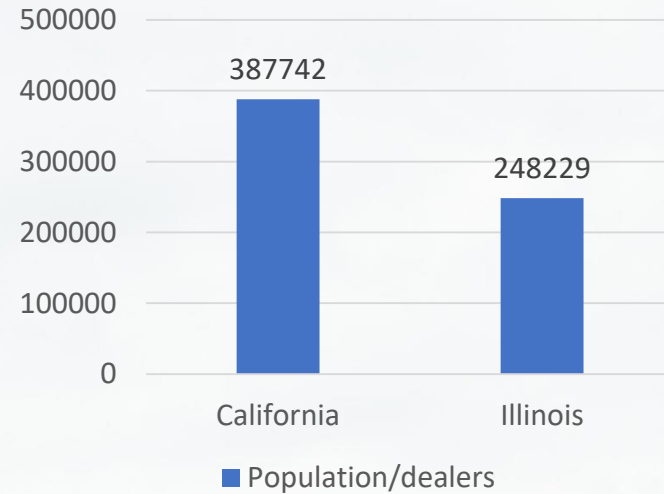
Federal Excise Taxes, number
Texas
California
Ohio
Florida
Pennsylvania
Missouri
Washington
Michigan
North Carolina
Georgia

Fast Growing Industry:



Choosing State

Population/dealers



56%

California is better than Illinois

California Population 2020 (Demographics, Maps, Graphs)

39,937,489

Illinois Population 2020 (Demographics, Maps, Graphs)

12,659,682

Choosing City

Bigger is better for Start

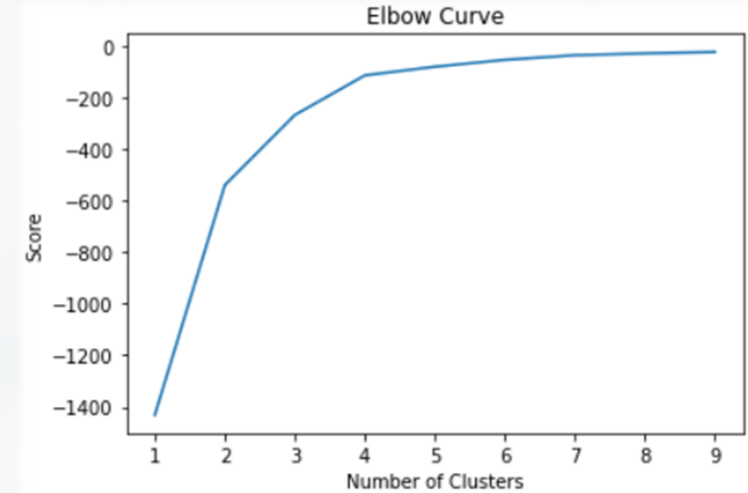
Rank	City	Population
1	Los Angeles	3,959,657

Easy decision

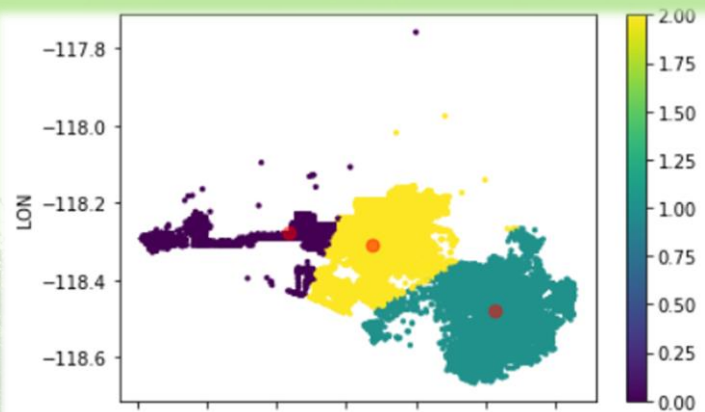


Choosing Neighbor and clustering process

Determining best number of cluster basing on Elbow Curve

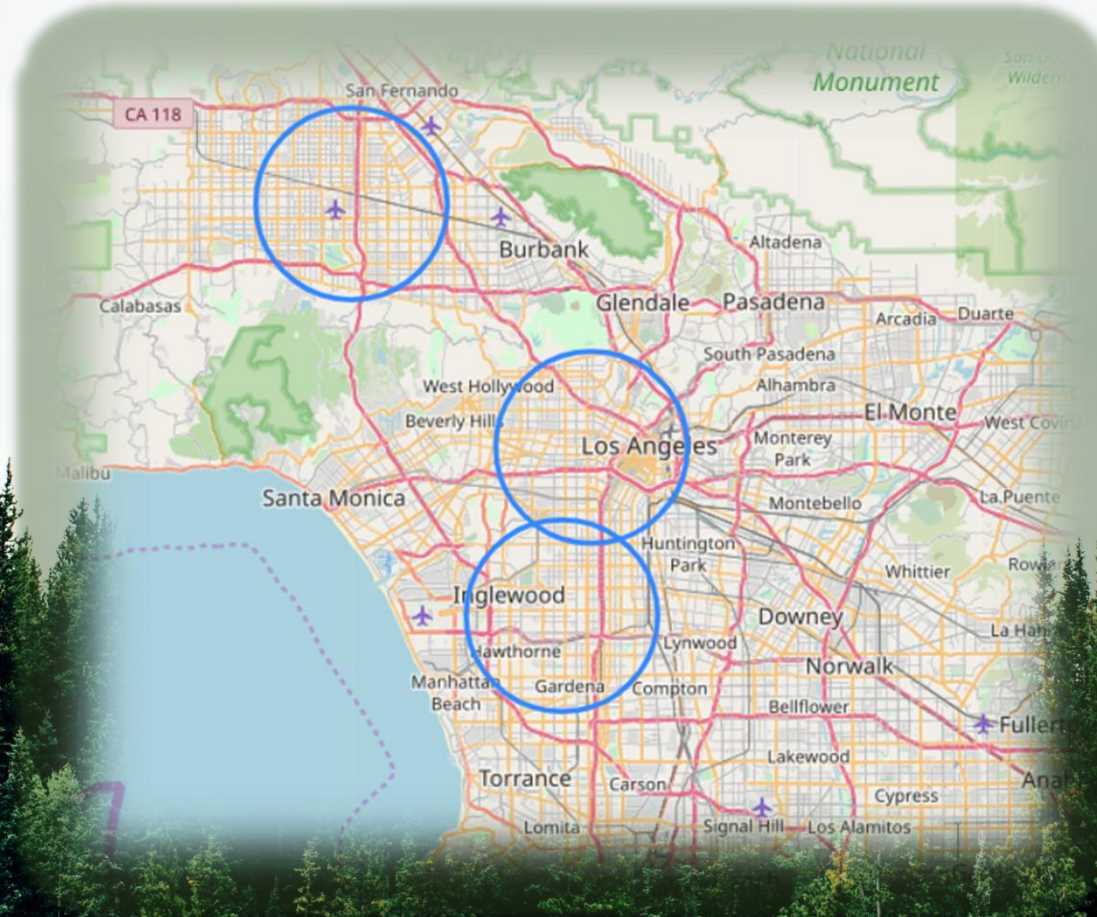


And the result of clustering



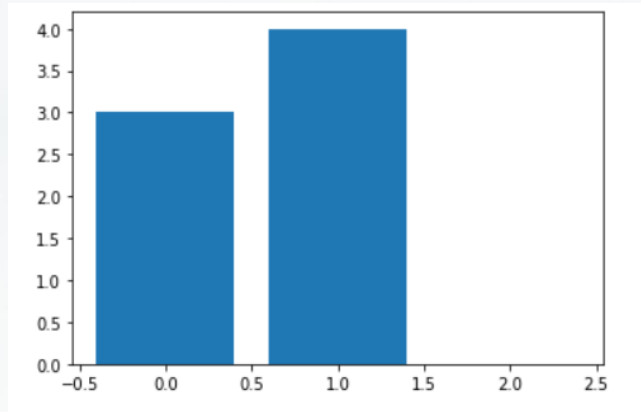
Choosing Neighbor and clustering process

Our resulting
neighbors and their
centroid circles with
radius 7km

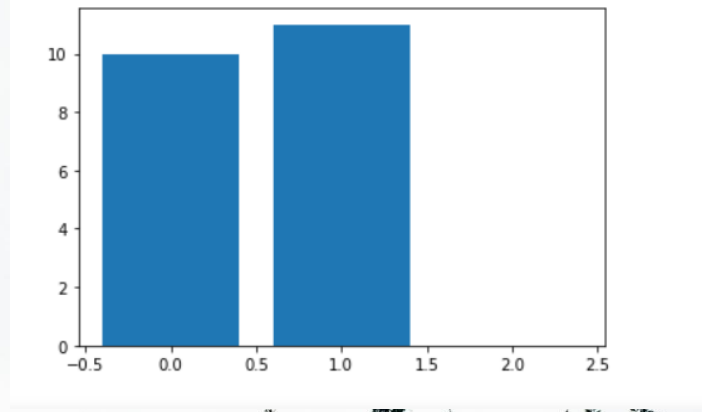


Choosing Neighbor and clustering process

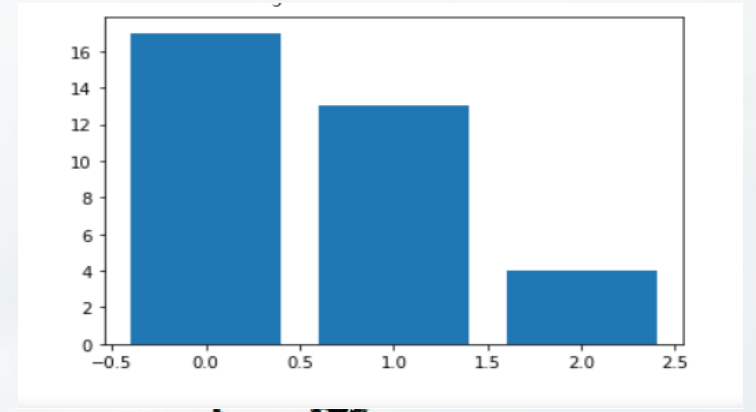
Number of rivals in each neighbor



7 km



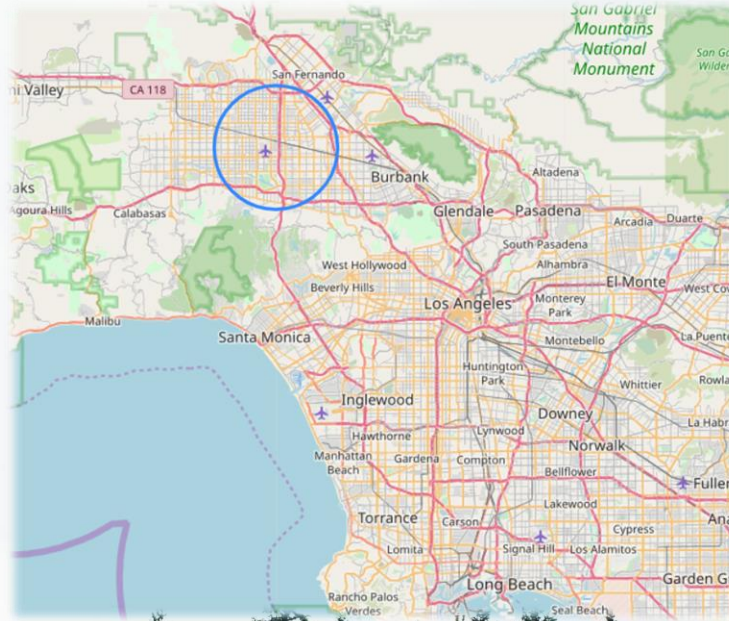
12 km



17 km

After all we can easily make decision

Choose the best Location



And center of Neighbor will be on: **34.21099419 -118.47750928**
Thank You for Attention