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:
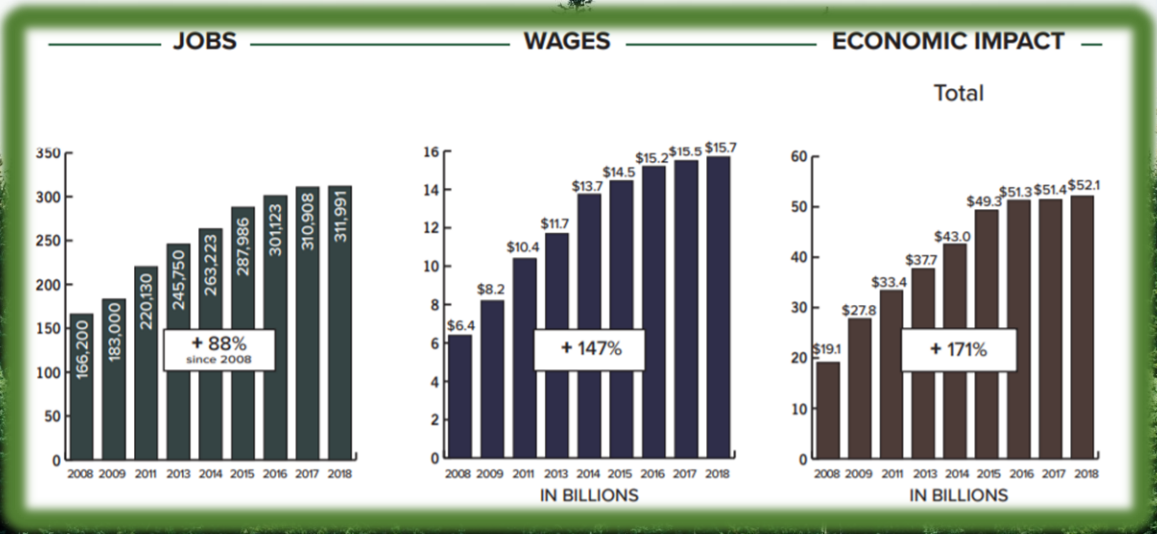
Choosing State

Population/dealers
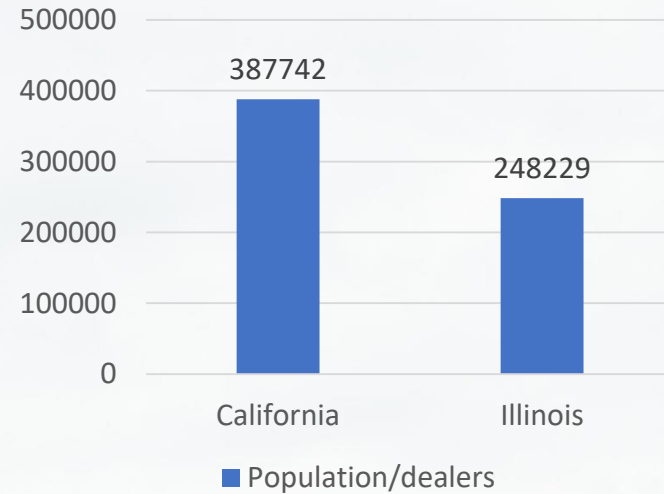
56% California is better than Illinois

California Population 2020 (Demographics, Maps, Graphs)

39,937,489

Illinois Population 2020 (Demographics, Maps, Graphs)

12,659,682

Choosing City
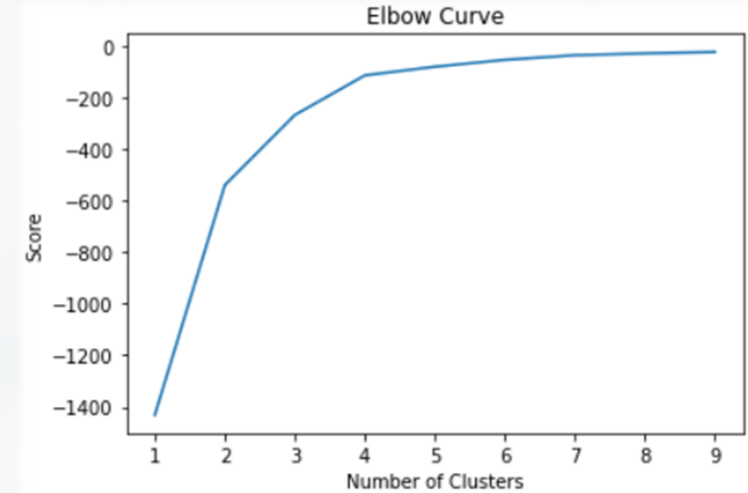
Bigger is better for Start

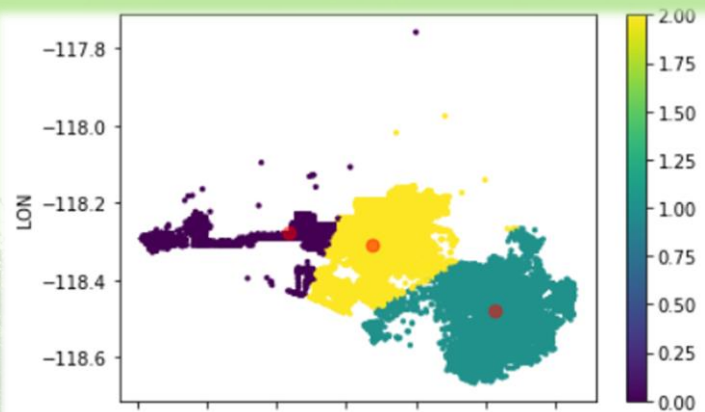| Rank	City	Population
1	Los Angeles	3,959,657

Easy decision

Choosing Neighbor and clustering process

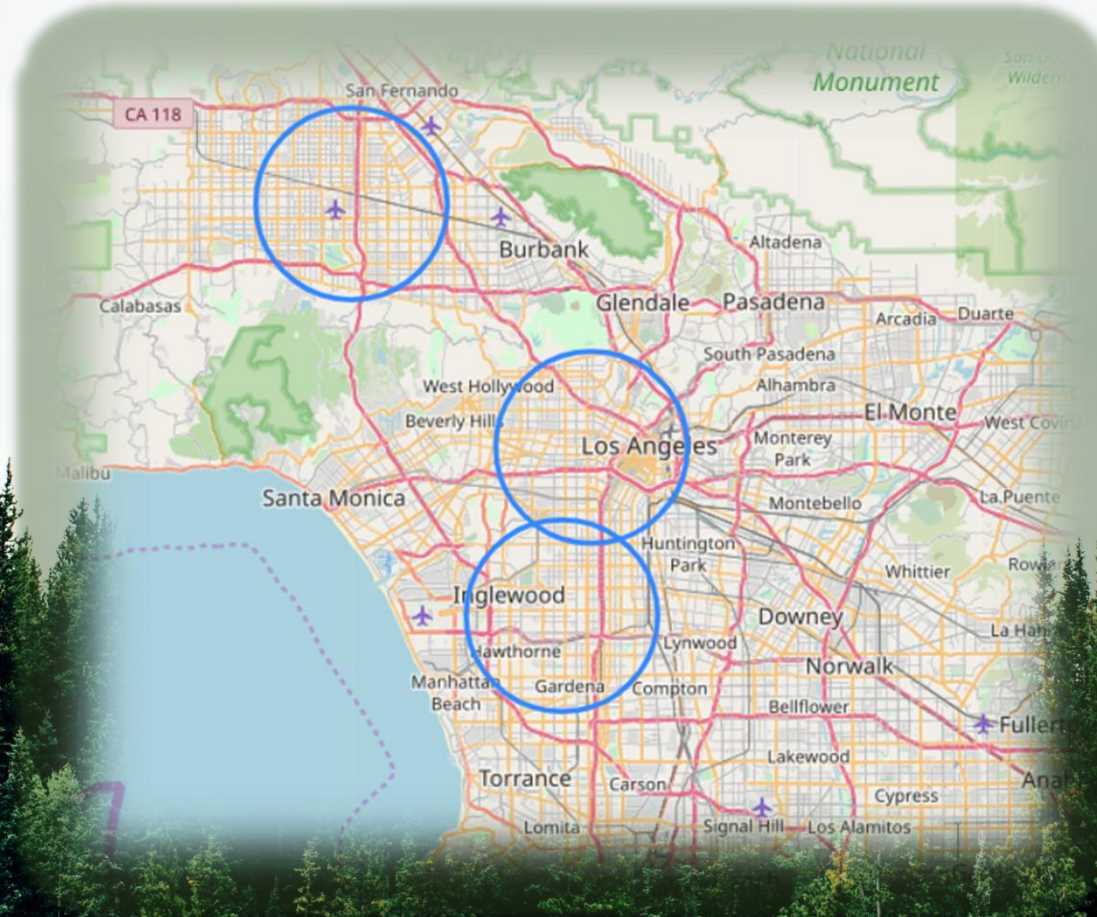Determining best number of cluster basing on Elbow Curve
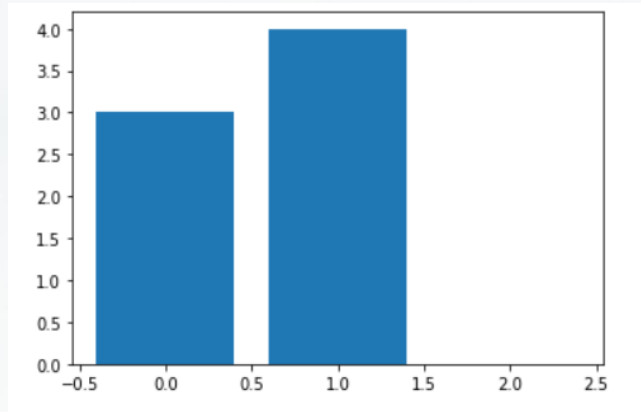
And the result of clustering

Choosing Neighbor and clustering process

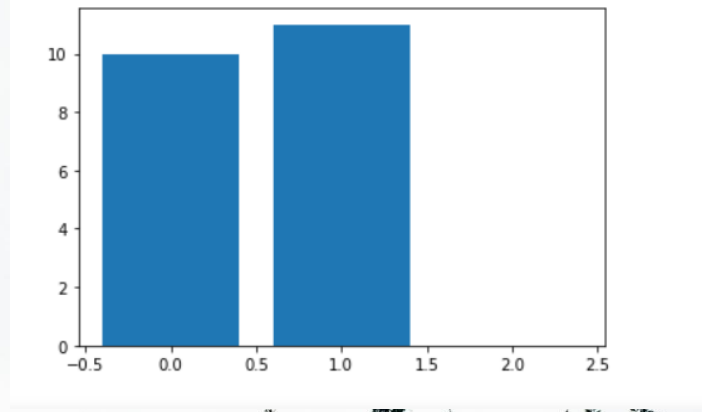Our resulting neighbors and their centroid circles with radius 7km
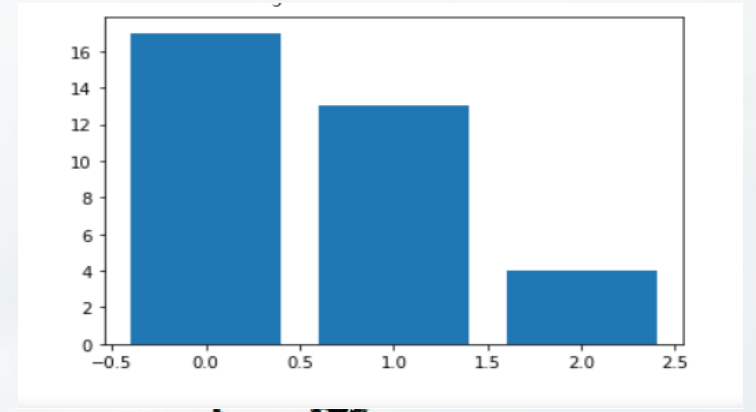
Choosing Neighbor and clustering process

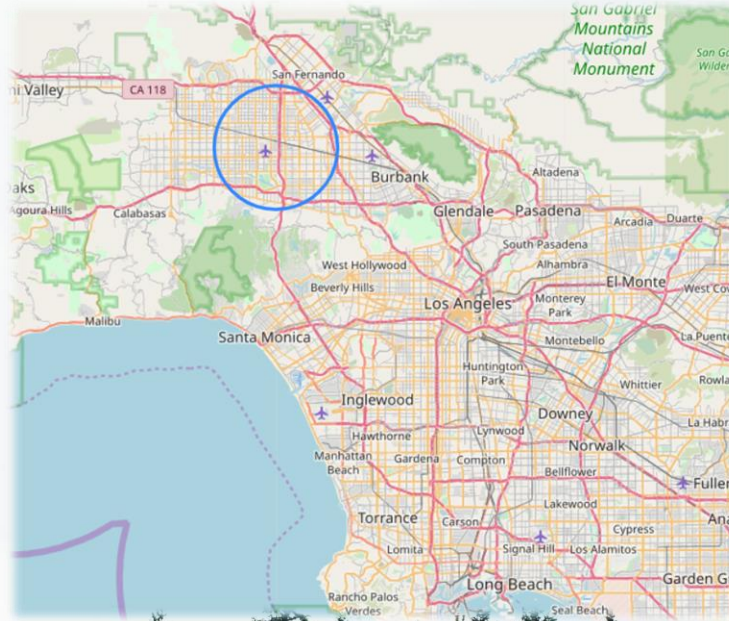Number of rivals in each neighbor

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