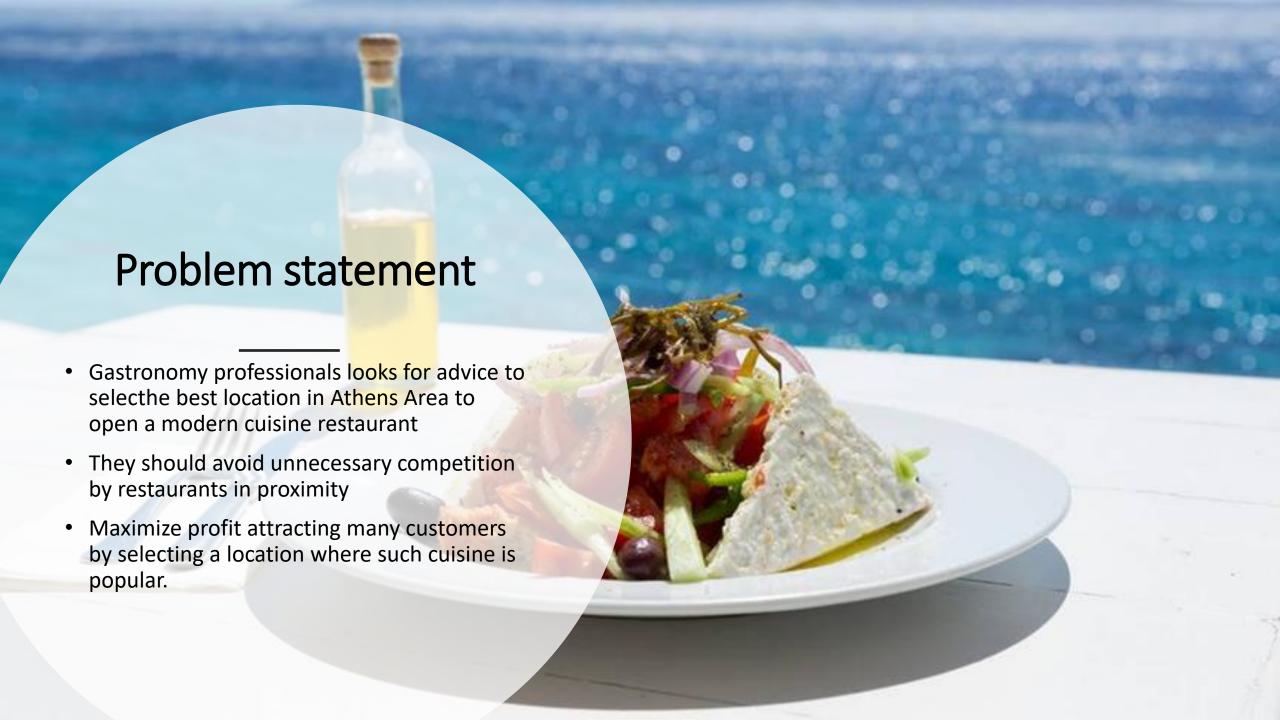
Applied Data Science Capstone Project Finding the best location to start up a modern cuisine restaurant in Athens





- List of neighborhoods Athens, Greece.
- Latitude and Longitude of these neighborhoods.
- Venue data related to modern cuisine restaurants

Methodology

- Scrape neighborhoods data from <u>https://en.wikipedia.org/wiki/Category:Municipalities</u> <u>of Attica</u>
- List neighborhoods coordinates with foursquare API
- Find nearby restaurants of modern cuisine in foursquare
- Remove duplicate values
- Remove values out of Athens area
- Keep only valuable columns in formed dataframe



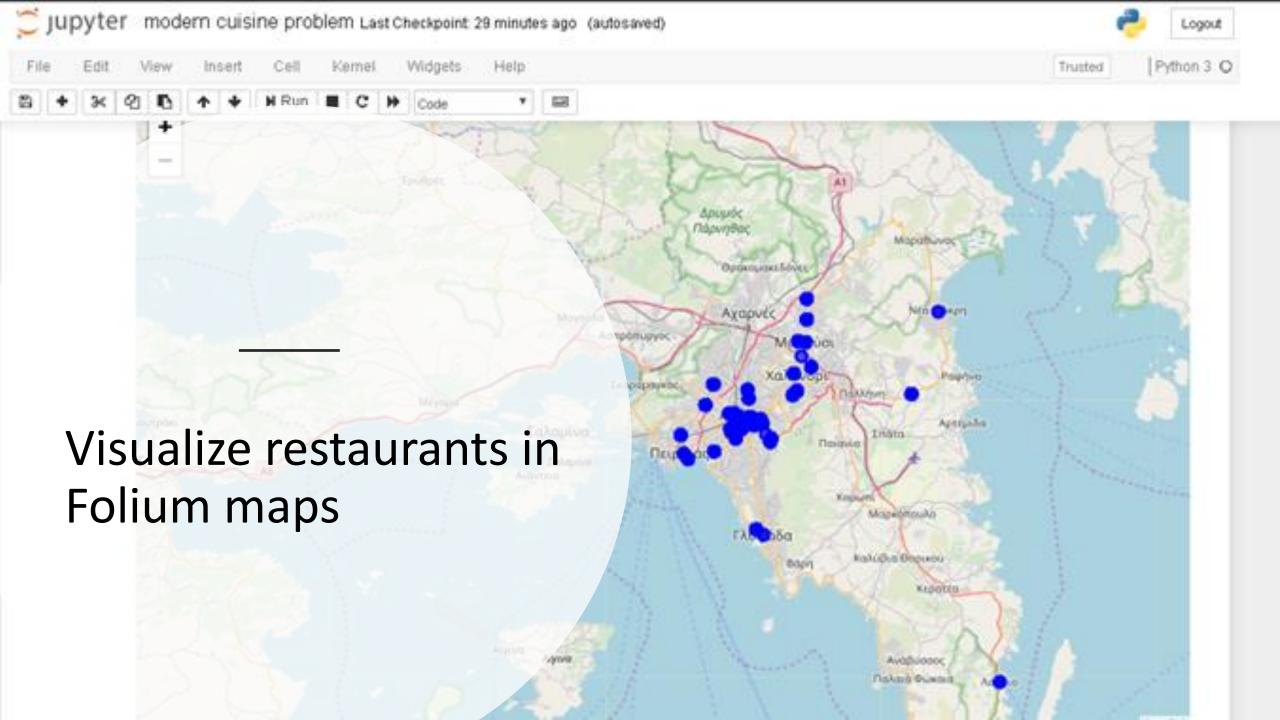
Where matters.

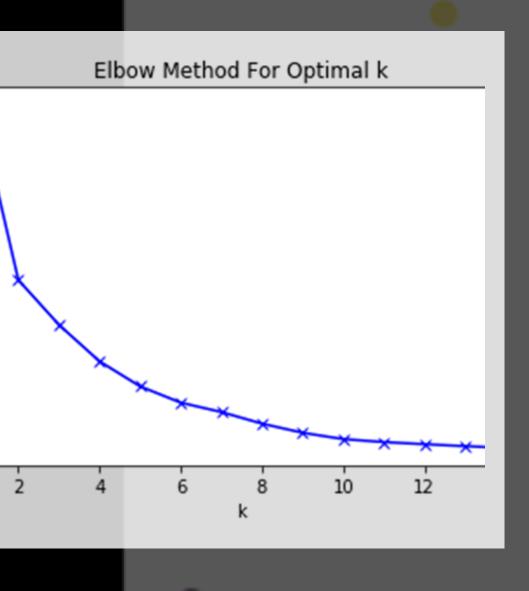
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- Solve problem with k-means
- Optimum k=2

Recommendations

- Yellow cluster is a strategical selection
- Combines high traffic with the less competition
- Restaurants open nearby in the same area to exploit that area strategical characteristics and popularity

