Background

Jakarta, as the heart of economy of Indonesia, is an interesting and lucrative place for one to start their self owned business. Starting a business however, is never an easy task as it requires a lot of preparation and research to make sure the business runs well. Knowing current market situation and business map will be beneficial to help guarantee business sustainability. This capstone project will try to identify what kind of business that could possibly be beneficial to start in Jakarta.

Problem

Clustering most common venue in Jakarta, to indicate which area belongs to a cluster of typical venue.

Data Used

1. List of districts in Jakarta and its coordinate.
2. Foursquare API to check common venue around the coordinate.

How it will be used

Foursquare API will be used to map business in Jakarta, then create a clustering algorithm to categorize typical venue of an area.