

#### Introduction:

Seattle has always been a desirable city. Siyuan Liu is a young artist who plans to move to Seattle and open her first personal art exhibition there. I plan to use a data-driven method to analyze the cultural space resources of each block and neighbor in Seattle to present a recommendation to Siyuan. Through that process, I also hope can help other artists who faced the similar problem of moving to a new city.

#### Data:

Cultural Space Inventory data from government website: <https://data.seattle.gov/>

Geocoder Seattle location data

Seattle location data from FourSquare API, including venue ID, venue Name, Latitude and Longitude, and category name.