

IBM Applied Data Science Capstone

A Los Angeles based authentic Polynesian food restaurant has been growing over years and would like to expand and open new locations in Salt Lake City, Utah. The owners recognize there is a large pacific islander population and would like to open restaurants within the Polynesian community. The purpose of this project is to identify the best locations to open the authentic Polynesian restaurants.

By using tools learned over the courses of the IBM Data Science Professional Certificate I will identify the best location in Salt Lake City, Utah to open an authentic Polynesian restaurant.

The Data needed to solve this problem is, list of neighborhoods in Salt Lake City, data related to other Polynesian food restaurants (if any), and latitude and longitude coordinates of neighborhoods in Salt Lake City, Utah. I will extract the data by getting the longitude and latitude coordinates of neighborhoods, via Geocoder, scraping the Salt Lake City neighborhoods using Wikipedia, and FourSquare to find venue data related to similar neighborhoods.