

Asian restaurant location recommendation in the city of Nur-Sultan

Bekarys Gabdrakhimov

MSc in Electrical Engineering Student at DTU

Email: bekarys.gabdrakhimov@nu.edu.kz

December 2020

Table of contents:

1. Introduction

Nur-Sultan is the capital city of Kazakhstan and one of the most developed cities of the country that attracts lots of tourists and businesses. Currently, the number of restaurants offering variety of cuisines are increasing significantly throughout the city. In this project the recommendation on where to open a restaurant will be given taking as an example a case of Asian cuisine restaurant in Nur-Sultan. However, the process can be repeated for any other type of restaurant in any city.

2. Business problem

Some of the restaurants are being closed due to a bad choice of location or the lack of initial research. The location of a restaurant has a significant impact on the revenue, thus analysis of the currently open restaurants in terms of the cuisine frequency, locations, etc. is important.

3. Data

In this project the locational data from the Foursquare API will be used. The data such as restaurant name, longitude, latitude and category will be obtained from the Foursquare API and used for analysis.