

Where is the Best place for new restaurant in SEOUL, Korea?

IBM Applied Data Science Capstone Project
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Introduction

- SEOUL is the biggest city in KOREA
- These days, the number of foreign tourists visiting Seoul is increasing every year.
- There are a growing number of people looking for not only Korean food but also various world foods.
- Find the best place to open a new restaurant by data analysis.

Business Problem

- Mr ABC is a very talented Turkish chef
- He is looking for a place opted in his new Turkish restaurant
- He want to
 - Find place that restaurants in various categories is crowded by customers, visitors.
 - Find place that customers can access by public transportation like subway, or bus

Data

- SEOUL is divided by 25 sub-areas
 - GEO-JSON Data about 25 sub-areas.
- SubWay Station Data
 - In/Out population Data
 - Location Data
- Foursquare Venue Data
 - Venue Name, ID, Location, Category, Likes

Data Acquisition Approach

- SEOUL is divided by 25 sub-areas
 - GEO-JSON Data about 25 sub-areas.
 - <https://github.com/southkorea/seoul-maps>
- Subway Station Data
 - In/Out population Data
 - Location Data
 - <https://www.data.go.kr/dataset/15024829/fileData.do>
- Foursquare Venue Data
 - Venue Name, ID, Location, Category, Likes