

Finding a Place to Build a Hotel

Coursera Capstone Project

Introduction

- Being able to get adequate medical care is the most important concern for certain people.
- But, some people do not get proper treatment for distance reasons, etc.
- So, to establish a sufficient number of hospitals in an appropriate location can expand the use and supply of medical services.

Goal and Method

- The goal of this project is to find a place to build a hospital.
- I'm going to focus on Gangwon Province. This city is one of the cities of Korea, and was the least populated area in 2018 research.
- to target the area closest to people's residential areas among the areas with the least hospitals.
- the data about location of hospitals and residential areas is obtained from Foursquare API and google map

Analysis

- I mainly use visualizing technique.
- The specific image is in below notebook
- https://github.com/leesjin1219/Coursera_Capstone/blob/master/Coursera_Capstone_Project.ipynb

Results and Conclusion

- As seeing from the mapping results, medical centers and residential areas are mainly distributed in areas outside Gangwon Province.
- They are largely identical. There is no hospital near the apartment area located across Gangwon Province.
- Therefore, i concludes that to expand the use and supply of medical centers, optimum location is around 평창(Pyeongchang).