

APPLIED DATA SCIENCE CAPSTONE PROJECT

Report

Marnilo C

2019-06-04



Logo
Name

Introduction

Singapore is a small country in Asia. It has only one city, which is also named Singapore. Despite its small size, Singapore's economy has been ranked to be among the most competitive in the world. Many multinational companies have established their regional offices in Singapore. This has encouraged many people to relocate to Singapore for work purposes.

People who are relocating to Singapore usually need some help in selecting the town in which to reside. There are many variables which are considered in making this decision. People will typically consult friends, family, or colleagues who are already settled in Singapore, real estate agents, community websites, real estate company web sites, etc.

This project's objective is to develop a tool which uses data science techniques, government data, and FourSquare proprietary data to create profiles of towns in Singapore. People may then use the town profiles to select the towns which best match their requirements. This list of towns may then be investigated in more detail using other techniques.

Data

The following data sets and data sources are used in this project:

- <https://data.gov.sg/dataset/land-area-and-dwelling-units-by-town>
- <https://foursquare.com/>

The data source named "Land Area and Dwelling Units by Town" is prepared and provided by the Singapore government. It is a CSV file which provides the several information. However, only the column with the names of the towns is needed for this project.

FourSquare API will be used to provide the venue information for each town in Singapore.

Methodology

To be submitted in week 2

Results

To be submitted in week 2

Discussion

To be submitted in week 2

Conclusion

To be submitted in week 2