

Bangkok Property Investment Analysis

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Introduction

Bangkok is the capital city of Thailand which could be divided into 50 districts. There are currently more than 10 million people living in Bangkok. With the size of the metropolis, it is difficult to determine the suitable living area for those who want to invest in the property.

The goal of this project is to analyse the suitable area for the property investment within Bangkok. The target audiences of this analysis are stakeholder who are looking to make a property investment in one of the major cities in South East Asia. The analysis will be based on the location data obtained using foursquare API.

Data Collection

The first stage of the data collection is to find the information related to districts in Bangkok. This data can be found in from Wikipedia list of districts in Bangkok containing the name, postcode, population, number of districts, latitude and longitude. The location information of each district gained is used to search for the interested venues with foursquare API. The location of interest obtain from the API for the analysis are :

- Number Restaurants within each district and its variety
- Number of schools in each district
- Number of supermarkets
- Public transport availability (based on sky train station and river pier)
- Number of industrial companies

Furthermore, to improve the analysis result, the data of each district's population density will be collected. This data will help determining the chance of having bad traffic within the area.