# Final Report

## Description

For the whole family, a suitable house is very important to them, because this is the core area of the family every day. There are some factors that affect house prices, which is very complicated. In this case, how to find the most suitable house for people to buy? I will design a recommendation system to help people choose houses. The system will show people more complexity than just price and location. I will provide more information, such as: public security in this area, whether it is a school district housing, whether the house is surrounded by scenic spots, climate, etc. These are all factors that affect housing prices. Through multiple levels of screening, this system will provide buyers with more suitable options for selection only.

## Implementation process

When I want to deal with the above problems, I need to collect a lot of relevant data. Then, I need to process these raw data. For example, remove some abnormal data; fill in some vacant values; carry out data type conversion and so on.