

# **Problem: where is a restaurant located in Hong Kong?**

## ***1 Introduction***

### **Background:**

People do not only go to a restaurant for the good food and service, but also for convenience. This lead to a combination of the restaurants and other service facilities and sites for a certain activity, such as shopping, sightseeing, working, family activity etc. Figuring out the combination of restaurants and other service facilities and sites can help restaurant owners decide where to set up a restaurant and what kind of service he or she may provide to make the restaurant more popular.

### **Hypothesis:**

The hypothesis is that certain combinations of facilities exists for a restaurant. The study aimed at proving if the hypothesis is true, figuring out the common combinations in Hong Kong and exploring the combinations for different types of restaurants.