

Problem: where is a restaurant located in Hong Kong?

Background:

People do not only go to a restaurant for the good food and service, but also for convenience. This makes the restaurants often accompany with the other facilities and sites of certain activities, such as working, family, shopping, sightseeing etc.

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 number of common combinations in Hong Kong and exploring the possible combinations for certain types of restaurants.

The results can help restaurant owners decide where to set up a restaurant.

Data:

Original data:

The ID, name, longitude and latitude of the restaurants in Hong Kong

The ID, name, distance and category of the popular facilities near a restaurant in Hong Kong

Structured data:

The ID, name, longitude and latitude of the restaurants, in a certain distance, the number of the popular facilities of certain categories.