

# 1. Introduction

## Scenario:

I am a data scientist residing in Hong Kong. One day, a friend of mine asked me, where is the most suitable place for her to open her own restaurant.

## Business Problem:

The challenge is to find a suitable district to open a new restaurant, where the market is not saturated yet.

# 2. Data Description

The following data is required to answer the issues of the problem:

- List of districts and regions in HK
- Venues for each district (that can be clustered)
- Coordinates for the districts and venues (for mapping purpose)

The data will be used as follows:

- Use Foursquare and geopy data to map top 10 venues for all HK districts and clustered in groups ( as per Course LAB)
- Data will be searched in open data sources if available, such as Wikipedia.