**Introduction:**

Hangzhou is one of the top 5 developed cities in China and in 2022 the Asian Games is going to take place in Hangzhou. As you may know, there are several world-class companies, especially IT giants in Hangzhou like Alibaba and Netease. Among them, Alibaba has become the largest retailer company in the world which also indicates its asset is considerable. For the purpose of this capstone project, let’s say Alibaba wants to build a luxury hotel before 2022 so that it can serve VIPs from all over the world when Asian Games begin. But first they want to build the hotel in a place where there are **not so many peers** to compete and also the hotel has to be near train or subway stations to guarantee the **convenience of transportation**. Therefore, I am chosen to provide information to help the board of directors of Alibaba company decide ideal place to build the hotel. Thus, Foursquare system can offer me location data of main transportation stations and big hotels in Hangzhou to help me accomplish my mission.

**Data:**

The data collected and arranged in this project is mainly about hotels and stations in Hangzhou, China obtained from Foursquare system on 2/4/2020. The data includes latitude and longitude, i.e. the geographic location coordinates. A table about stations is shown below.

