**Introduction: Business Problem**

São Paulo is a huge city located in the State of São Paulo, Brazil. There are lots of companies locate there and every year and people from all over the world come to São Paulo for business trips. There are many Hotels in São Paulo, but many of them are not specific for business.

A Hotel specific for business needs to be near companies and with some other good places for the visitor visit after business hours.

So, this project aims to find the best location for a Hotel specific for business trip. Specifically, it is targeted to stakeholders interested in opening a Hotel in São Paulo, Brazil.

Using Data Science and Foursquare location data we will try to find a location near companies with restaurants, shopping malls, supermarkets and with no 5 stars hotel nearby.

**Data**

The following factors will influence our decision:

* number of existing companies in the neighborhood
* number of restaurants, malls, supermarkets in the neighborhood

I will use the spaced grid of locations, centered around São Paulo, to define the best neighborhood.

Following data sources will be needed to extract/generate the required information:

* Google Maps API will be used to find the coordinates of the neighborhoods.
* Foursquare API will be used to get the number of companies, malls and supermarkets.