**Introduction: Business Problem**

This project aims to find the best location for a Hotel specific for business travel. 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.