**Data Science Capstone Project**

For this week, you will be required to submit the following:

1. **A description of the problem and a discussion of the background. (15 marks)**

I am trying to recommend to an investor to open a business in Oaxaca city, Oaxaca. Therefore, I will cluster/segmentation each Postal Code in the city based on the venues that are nearby. With this information, I should be able to see areas of opportunity, to open a business based on our cluster results.

1. **A description of the data and how it will be used to solve the problem. (15 marks)**

First, I searched for a data base that contains all the Postal Codes in Oaxaca City. Luckuly, I found a website with this data "https://codigo-postal.co/en-us/mexico/oaxaca/oaxaca-de-juarez/". After, I used geocoder package to find Latitude and Longitude for each postal code, in order to find nearby venues in everyone with the function "requests.get" to download a foursquare data base.