**Final Capstone Notes:**

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

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

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

Clearly define a problem or an idea of your choice, where you would need to leverage the Foursquare location data to solve or execute. Remember that data science problems always target an audience and are meant to help a group of stakeholders solve a problem, so make sure that you explicitly describe your audience and why they would care about your problem.

This submission will eventually become your **Introduction/Business Problem** section in your final report. So I recommend that you push the report (having your Introduction/Business Problem section only for now) to your Github repository and submit a link to it.

1). Answer here:

I will submit a data science project that will provide analysis for establishing a fusion restaurant in Boston or the surrounding Suffolk County area in Massachusetts. I will use location data and venue data from Foursquare to see which top 2 styles of cuisine would be best received, and which cluster of neighborhoods would be best for the restaurant.

Describe the data that you will be using to solve the problem or execute your idea. Remember that you will need to use the Foursquare location data to solve the problem or execute your idea. You can absolutely use other datasets in combination with the Foursquare location data. So make sure that you provide adequate explanation and discussion, with examples, of the data that you will be using, even if it is only Foursquare location data.

2). Use similar data from the New York neighborhood venue lab. DP07EN-3-3-2-Neighborhoods-New York. Clustering, etc.

-data needed: location of atlanta neighborhoods, popular venues in that area, top restaurants in the area.

The data that I will use will include the Geojson location data for Massachusetts, as well as the Foursquare location data for venue popularity in each of the towns of Suffolk County. This will provide the popular venues in that area by type and location, in addition to the top overall attractions in the area. It will also show how dense the area is, which will point to higher economic potential.

This submission will eventually become your **Data** section in your final report. So I recommend that you push the report (having your **Data** section) to your Github repository and submit a link to it.