ASSIGNMENT TWO

Due: 5pm, Friday 22 May 2020

This is a **group assignment** which contributes 30% to your final SIT112 mark. The assignment must be completed and submitted to *Unit Site* by **5pm, Friday 22 May 2020.**

The theme for this assignment, and the subsequent data science project, is to continue to explore real world data problems. In this assignment, each of the groups will be provided with location coordinates and a set of keywords. Each set contains three keywords. Each group will need to perform two tasks:

- Crawling data from Twitter for the location with the provided coordinates using the provided keywords;

- Performing analytics tasks as instructed in the Jupyter notebook supplied.

1. Assignment Resources

In the Assignment 2 folder, you will find the following files:

Filename	Description
Assignment2_instructions.pdf	This is the assignment instruction file which contains information for submission instructions.
Assignment2_notebook.ipynb	This is the Jupyter notebook which has been prepared and partially completed for this assignment. You will need this notebook to complete your assigned tasks.

These are the files you will be required to work with for this assignment. The location coordinates (latitude, longitude, radius) and the keywords will be provided individually to each group.

2. Task Description

The description of assigned tasks has been given in detail in the assignment notebook. You are required to follow the instructions in the notebook to complete your tasks.

3. Summary for submission

Each group needs to submit only one solution. You are required to submit **five** files:

1. Solution notebook: **[GroupID]_assignment1_solution.ipynb** : GroupID is your group ID or group name;
2. An html exported version of your output: **[GroupID]_assignment1_solution.html;**
3. **Three** json files, which store twees collected for the three provided keywords, named **[GroupID]_w1.json, [GroupID]_w1.json, [GroupID]_w1.json,** where **w1, w2, and w3** are the three keywords you were provided. For example, Group10_game.json, if your group ID/name is Group10 and you are provided with the keyword "game".

END OF ASSIGNMENT DESCRIPTION