

# CSCI316 Big Data Techniques and Implementation

## Projects Instructions

**This weighting of this assessment item is 10% of total marks.**

You are to work on one of 5 projects. You need to work on a project as part of a group. There will be five groups, one for each project. All members within the same group are expected to work together. Failure to do so will attract penalty marks.

Students can choose to become member of any one group with the following constraints:

- a.) All groups have approximately equal size (e.g., most projects are undertaken by 4 students).
- b.) Registration is done by registering your name with one of the 5 groups on Moodle (go to Moodle->Project->Project group selection).
- c.) **Registration is strictly on a first-come first-served basis.**
- d.) **Registrations open on 24 September at 10:30am and close on 28 September at 10:30am.** Students who have not registered with any group by the closing date will be allocated to a project by the subject coordinator(s).

Available projects are numbered from 1 through to 5. Members of group 1 are to work on Project 1, members of group 2 work on Project 2, and so on. Each group is to address all of the tasks associated with the project and to produce a set of slides that is suitable for a 25-minute presentation plus 5 minute questioning answering.

Presentations will be delivered in Week 13 during lecture time (and lab time if necessary). The exact schedule and timetable will be released two weeks before.

### **Deliverables:**

- Slides: You are to create a set of presentation slides which are suitable for a 25 minute presentation. The slides must be submitted via the submission link provided for your project. You must submit the slides on or before the due time either as a PDF or PPT file. Only one member from each group is to submit the slides. The first slide must contain the full name, student number, and percentage of contribution of each group member.
- Python Source codes: Source code need to be submitted (as a zip file) together with your slides. The subject coordinator(s) will check whether you claims in the slides are supported by your implementation.
- Presentation: Each group is to present their finding to the rest of the class. For the presentation **you must use the slides which you had submitted**. All members of a group are expected to contribute to the presentation. You are given 25 minutes for the presentation, and 5 minutes for questioning answering.

### **Due date and time:**

One member of each group must submit the slides in PDF or PPT format and the zip file of Python source codes **before 23:55 on 29/October/2019** via the corresponding submission link on Moodle. **This is a hard deadline. Late submissions will not be accepted.**

The marking guidelines will be released two weeks before. Each group should meet with the subject coordinator(s) at least once before submitting the work.

**Note:** Any of the material presented by any of the groups may appear as an exam question. Hence, it is very important that all class members attend all of the presentations. Attendance will be recorded on the day(s) of presentations.