SCHOOL OF ELECTRICAL ENGINEERING AND COMPUTING

INFT6201 – BIG DATA
ASSESSMENT ITEM 1, LAB PROJECTS

OVERVIEW

- Weighting: 40%
- Due date: ongoing
- Method of submission: UoNline
- Content: Solutions for lab projects with attached R-code

TASK

Students submit solutions for at least four out of five lab projects over the Trimester, and will be given the marks for their best four submissions. Each lab project is based on a data set. The data set and the general topic of each lab project is discussed in the lab in the week before the lab project. The lab project itself is conducted during the lab. The students individually submit their solution for the lab project at the end of a lab. The submission includes a single script file with the R-code (file type: .R). Lab projects provide students with the opportunity to practice and refine techniques introduced in the lectures and discussed in the text.

The solutions for lab projects will be individually marked on an on-going basis, and feedback given relating to the accuracy, appropriateness, and quality of the submissions. Note that each lab project will be given an integer mark out of 10. Given the 40% weighting of this assessment item, students who want a good result in the course should be aiming for a mark of 8 to 10 on every lab project. To attain high marks, students should ensure that their solution to the lab project clearly addresses the questions raised in the project description. Moreover, they will ensure that standards of academic integrity are maintained.

SUBMISSION AND FURTHER INFORMATION

To submit your solution for a lab project, please log on to UoNline (Blackboard) and look up the following folder:

- Assessment → Item 1: Lab project 1 (/2/3/4/5)

In that folder, each lab project specification will be released once the deadline for the previous lab project has passed. For each of the five lab projects, detailed information will be provided on the topic and the data set of the lab project, the due date, and any statistical data analysis that has to be attached.