STU33011 MLA Assessment II

This is a group assignment worth 10% of your mark for STU33011. You will receive an email with information regarding your group members. The assignment will consist of a report with a maximum length of five pages. Please submit your assessment via Turnitin by **5pm Friday 2nd December 2022**. Assignments need only be submitted by one member of the group. Please clearly indicate all group members for the assignment when submitting.

If you have any questions, contact me on arwhite@tcd.ie, or post a message on the class discussion board page on blackboard.

I would like you to again analyse the Choudary data set. Your analysis should have two key objectives:

• Can you accurately classify the data?

• Using k-means clustering methods, can you identify any meaningful structure in the data that is different to what you found using hierarchical methods? Which method performed best?

Your report of this analysis should consist of no more than five A4 pages, not including a title page. Your report should have the following structure:

- An objective statement summarising your main findings
- A central figure illustrating your main findings for each objective
- An outline of the approach taken to address your project objectives.

The report will be marked subject to the following criteria. Creativity will be rewarded:

- Appropriate use of methods [40%]
- Quality of figures [40%]
- Clarity of writing and exposition, overall report structure [20%]