

WQD7006
Machine Learning for Data Science

Project – 20%

In this project, you and your team members are required to use machine learning algorithms in solving problems (e.g. classification, regression or clustering etc.). There are three main submissions for the projects:

Part 1: 5%

Due: Tuesday by 5PM (May 5, 2020) - Spectrum

Submit ONE SLIDE (member names included) detailing your topic, aim and the objectives. Also, specify your source of data (e.g. Twitter, news portal etc.).

Part 11: Data analysis and Report – 10%

Your team is required to perform and identify classifiers that work best for your identified problems, aims and objectives.

Prepare a report (MAX 5 pages) that includes the main problem investigated, and the results. Please report in a professional manner by focusing on the relevant results. Please DO NOT copy screen shots from the tools (e.g. results box from WEKA), this will result in a penalty.

Part 111: Presentation – 5%

You are required to prepare a slide presentation (3 minutes MAX), emphasizing more on method and results. The presentation is to be done by one group representative.

Due Date for Part 11 and 111: **June 15, 2020**