2. Group Project Presentation (40%)

Assignment Content

About

This assessment must be completed in a group. Individual work submissions will not be accepted.

This assessment requires that your team address the **Project Objective 1** only**,** which is outlined in the **Project and Data Brief** document. Go to the folder **Unit Assessment > Project and Data Brief**. You must carefully read this document.

We expect that you apply the data science skills learned in Weeks 1 to 5 of this unit.

All your data analyses and/or data visualisations must be done in Python; you will not receive any marks using any other tool, such as Microsoft Excel. Microsoft Excel must not be used apart from gaining the initial look of the dataset.

To make this assessment as authentic to the real-world data science projects as possible, note that the Project Objective is intentionally presented as a high-level, open-ended requirement. This not only allows a diversity of approaches to tackling the problem but also tests your team's ability to solve the problem independently (rather than being told exactly what to do). Although a demonstration of in-depth technical understanding of the domain problem (as given in the Project and Data Brief) is not a requirement to pass this assessment, it may be required to score a higher grade.

Grading

Please see the grading rubric for detailed marking criteria. Your instructor reserves the right to further differentiate individual grades where necessary.

Submission

Submit your work no later than the stated due date of this assignment to avoid late submission penalties:

- 1 URL to a recorded presentation per team published as 'unlisted' on YouTube. Do not submit multiple recordings. Do not submit any recording file unless requested specifically by your lecturer.

- 1 URL to a OneDrive / GitHub / BitBucket repository containing all Python files and the dataset used for this assessment

The recorded presentation is expected to include (but not limited to) a justification of your analytical approach, presentation of the results, relevant discussions, and conclusion. Please double-check the Project and Data Brief document (Project Objective 1) for additional requirements.

The presentation must also briefly explain and demonstrate the **running** of relevant Python codes **in real-time** (not just screenshots); this segment should not exceed 2.5 minutes.

Up to 2.5 minutes of presentation is required from **each team member**. A team is expected to produce no more than 10 minutes of presentation in total duration, +/- 30 seconds. Exceeding this maximum requirement may attract a mark penalty.

A facial appearance in the presentation is allowed but not required.

You may submit any supplementary items to further address the marking rubrics requirement.

Academic integrity and assessment irregularities

Academic integrity is a core value at CDU and must be upheld at all times when completing this assignment. You must not plagiarise the work of others. Please refer to the Students - Breach of Academic Integrity Procedures (https://www.cdu.edu.au/current-students/student-code-conduct/academic-integrity).

Other assessment irregularities are governed by CDU's Higher Education Assessment Procedures (https://policies.cdu.edu.au/view-current.php?id=177).

Copy and paste your YouTube and OneDrive / GitHub URLs in the submission space below.

Submission

Drag and drop files here or click to add text.

Save Draft and Close Submit