Project Code Criteria (DATA SCIENCE)

Your project will be evaluated based on the following criteria.

It is a requirement that <u>all members</u> of the project team contribute some elements of code to the final project.

1. Effective use of Python and the key analytical libraries such as: NumPy, Pandas, Matplotlib.

2. Clearly defined and accomplished stages of data sourcing, pre-processing, evaluation and visualisation.

3. Relevance of the chosen analysis topic.
- Were objectives clearly defined?
- Were the core questions answered?

4. Data sources utilised in your research and analysis
- How many different resources were used?
  - Did a group attempt to combine any resources to expand their data series? ○ Project groups must use at least one API to fetch data

5. Visualization
- Did the project group show effective use of Matplotlib to present findings? **6.**

Correct handling of data anomalies

- Did students deal with missing or skewed values?
- How did they solve these issues?

7. Credibility of research / analysis conclusion.

- What evidence did the team present to support their findings?