

Assessment 1

MAF900

T2 2025

Assessment Description

Complete the following tasks (refer to relevant academic literature to justify your choices, expectations etc though no formal literature review is required in this assessment):

1. Identify a research question.
 - Find your research inspiration from an article published in June/July 2025 in The Wall Street Journal or Australian Financial Review. Discuss the inspiration / motivation.
2. State your hypothesis(es).
3. If there are no constraints then ideally what ideal data you would like to have to test your hypotheses?
4. Based on available resources what data will you collect to carry out your research ? Discuss why this data is appropriate for your research ? What compromise are may need to make in your research if your are using less than ideal data ?
5. Discuss how you will carry out preliminary analyses using graphs and uni-variate statistical methods.
6. Discuss the potential impact of this research to the industries, the policies and the society.
7. References

Tasks

- Part A: Create a presentation slide deck and give a in Class Presentation discussing the above. Duration: 10 - 15 min, 10% Marks.
- Part B: Create a written report discussing the above task, 1000 Words, 10% Marks.

Optional Challenge

- Use R markdown to create your presentation and report.

Marks Allocated: 20%

Submission Process:

- Submit the written report and the presentation sildes on Cloud Deakin Dropbox.

Sumission Deadline:

- Written Report: Sunday, *2nd Aug 2025* by 5pm AEST.

- In Class Presentation: Friday, 8th August 2025.

Rubric

	<i>Criteria</i>	Poor (0% - 5%)	OK (5% < >= 10%)	Good (10% > <= 15%)	Excellent (> 15% & >= 20%)
Research Question (20%)	Research Question is properly motivated / Identify the motivating news article clearly / Clearly discuss the connection between the news article and underlying theories / Research Question is properly stated	Fails to satisfy most of the criteria	Satisfies some of the criteria	Satisfies most of the criteria	Satisfies all the criteria
Hypothesis(es) (20%)	Hypotheses are clearly stated/ Variables (measures/proxies) are clearly defined based on literature (theory) / Prior expectations clearly discussed based on theory/literature	Fails to satisfy most of the criteria	Satisfies some of the criteria	Satisfies most of the criteria	Satisfies all the criteria

	<i>Criteria</i>	Poor (0% - 5%)	OK (5% < & >= 10%)	Good (10% > & <= 15%)	Excellent (> 15% & >= 20%)
Data (20%)	Clearly and effectively discusses: What ideal data is required and why / What data is available and why such data maybe used /Novelty of the data/ Data Source / Information (variables) available within the data set / Data collection process / Ethical considerations (if any)	Fails to satisfy most of the criteria	Satisfies some of the criteria	Satisfies most of the criteria	Satisfies all the criteria
Methods/Plan of Analysis (20%)	Clearly and effectively discusses plans of using graphs and univariate methods / provides simulated analyses & graphs	Fails to satisfy most of the criteria	Satisfies some of the criteria	Satisfies most of the criteria	Satisfies all the criteria
Impact / Contribution (20%)	Clearly and effectively discusses the potential impact of this research to the industry / the policy makers / the society as a whole	Fails to satisfy most of the criteria	Satisfies some of the criteria	Satisfies most of the criteria	Satisfies all the criteria