

CASE STUDY REPORT GUIDELINES AND EVALUATION

I expect that the case study report should contain the following information:

- 1) Group number (and group name) – name of each team members and assigned job description.
- 2) Description of research question / issues (either scientific or statistical question)
- 3) Description of data
- 4) Statistical analysis of data
 - Methods: what analyses were done and why. Need to provide the description of methods that were used in the report. If there is any challenge in analysis, describe your approach to tackle the problem. Provide tailored tables or appropriate graphs.
 - Conclusion: Convey your findings to broader audience. Reference everything including the source of images and sources of information.

The paper is should not exceed 10 pages, including figures and tables, and must begin with an appropriate title highlighting your choice of data and analysis.

Case Study Report Rubric

Category	Description	pts
Cover page	The title is informative, specific and precise. It gives an accurate preview of what the report is about. The name and student number of all authors are given with assigned job description.	____/5
Background and Significance	This section has a logical organization and moves from the general to the specific. It provides sufficient background to understand the goal and content of the report. It has a clear explanation for why this work is important and relevant. The last few sentences of this section clearly present the goal of the study.	____/5
Exploratory data analysis	The data is described clearly and graphics are appropriately used and summarized with text. This section is concise but detailed enough so that the reader who does not have a deep knowledge of the data can read the following sections.	____/10
Model	The criteria and procedures applied for model selection and model validation are clearly described. The selected model is presented. The section explains the procedure applied from the lecture materials or beyond. Figures and tables are appropriately used and discussed	____/10

Discussion/Conclusion	In this section, you restate the goal of the study and summarize your key finding. You also clearly explain how your findings may impact the field and present the limitations of your findings and possible areas for future research	/10
Reference	All references are properly cited, both in the text and at the end of the report, in the APA (6th Edition) citation style.	/5
General presentation	R Markdown is used and knit to Word or Pdf is applied to create the report. The report contains at most 1800 words. Writing is grammatically correct, is punctuated properly, and flow logically from one point to the next. There are no spelling mistakes.	/5