

Research Project

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1 Objective

- This research project aims to consolidate various concepts covered in the course.
- It provides an opportunity to apply these concepts to real-world problems.
- The project is designed to be open-ended, allowing for exploration and creativity.

2 Deadline

- The presentation in class is scheduled for November 20, 2024 (IS) and November 22, 2024 (IT).
- Additionally, you are required to submit your report by the following week, specifically on November 31, 2024, which is the last week of the class.

3 Team

- You may work individually or form groups with classmates. However, engaging in teamwork is highly encouraged as it fosters the development of team spirit.
- Group size is limited to a maximum of SIX members.
- Since you can always form a one person team, free-riding complaints will not be entertained.
- If submitting as a group, it is assumed that all members have contributed equally.
- Only one member needs to submit the project on behalf of the group.

4 Report

- Prepare a concise written report presenting your findings.
- Include your name and student ID on the first page of the report.

- For individual submissions, the page limit is one side of your A4 paper.
- The page limit is proportional to the group size. For example, in a two-person group, it would be one A4 papers (both sides).
- Marks may be deducted if the page limit is exceeded, but it is not necessary to use up the entire limit.
- The report must be submitted for plagiarism checking using *VeriGuide*.
- The report should be in PDF format.

5 Recommended Format

- Start by providing a description of the topic you intend to work on and briefly explain its significance and interest.
- Present a thorough description of your data, including relevant tables, summary statistics, and appropriate graphics.
- If you are utilizing publicly available data, remember to cite the source. In case you are collecting your own data or conducting a survey, include all the necessary details and append the questionnaire.
- The primary focus of your report should be to summarize the findings from your statistical analysis.
- Your grade will be determined based on the accuracy of your analysis, the level of interest surrounding your chosen topic, and the clarity and professionalism of your report. Make an effort to present your report in a visually appealing manner.

6 Appendices

- Appendices are not included in the page limit and are separate from the main body of the report. You may put any additional analysis, discussion, tables, diagrams, and charts here.
- Whenever possible, appendices should be in PDF format for easy accessibility and compatibility.

- Include a data appendix that provides a detailed description of the data source or data collection process. If you conducted a survey, attach the questionnaire and any other relevant details.
- Prepare a technical appendix that includes the raw data and step-by-step calculations. Include any relevant files from software programs such as EXCEL, R, Python, or Stata. Additionally, include statistical program output if applicable.
- Combine all appendices into a single zip file for convenient submission.