

Research Project for EE462 (Semester 1/2022)

- You are asked to conduct a research that analyzes possible relationships between two variables of interests related to the class materials. You are encouraged to narrow down the scope of your analysis by focusing on specific country (or countries), region(s), or year(s). You should focus on specific aspect of the issues and select measurable variables. For instance, you can use the secondary-school enrollment rate to indicate levels of education of population within a given country. You can also use one of the SDGs to capture a certain part of economic development. Your analysis should illustrate whether there is any pattern between the two variables of your choice, and explain why it might be the case. Full credits will be given when you are able to incorporate related theory or framework in analyzing the relationship.
- You will present in a poster-presentation format on **November 22 and 24**. Those who do not present their posters will evaluate their classmates' posters.

Format of Poster Presentations:

- Use two pages of A3-size paper (297 x 420 mm or 11.7 x 16.5 inches). You can use a Powerpoint presentation to create this poster by setting the paper size to A3. This can be printed out from the faculty's computer lab by selecting the paper size to A3 before printing in color.
 - In the poster, include the research title, brief research motivation statement (which may include some brief literature review), research objectives, pictures of data analyses, and brief conclusion.
 - Use infographics and figures as much as you can, and avoid using long paragraphs.
- Based on comments received during the presentations, you can revise your report and submit it **in pdf** via google classroom by 11:59pm on **December 16, 2022**.

Format of Research Reports:

- Your research report needs to include the following items:
 - (i) research title
 - (ii) problem statement (i.e. motivation of research)
 - (iii) significance of the study ("So what" question)
 - (iv) research objective(s)
 - (v) scope of study (e.g. what country, region, or time frame)
 - (vi) literature review (what has been studied in the past, what is known, and what's not known)
 - (vii) descriptive statistics

(viii) possible explanations related to class materials (optional)

(ix) conclusion

- Your written report should not exceed 20 pages (12 fonts, Times New Roman, double-space), including main tables and figures. Additional tables or supplemental texts can be put in the appendix.
- Citation style is APA format. Make sure to cite within the text, and put all the references at the end of the paper.