

Individual project report
INFO 6270 – Introduction to Data Science
Winter 2022
40% of the final grade
Submit on Brightspace by 11:59 pm on April 15, 2022

Tasks/instructions

Write a report of 3000 words maximum (excluding code chunks and reference list) for your individual project. You can write your report in RMarkdown and submit the .html, .docx, or .pdf output, but you can also write the document directly in Word if you prefer.

The report should include the following sections:

Problem statement. This is the context, objectives, and research questions that you already submitted as your project proposal (updated as necessary).

Methods. Indicate the type(s) of analysis or analyses you will perform (e.g., topic modelling, logistic regression, linear regression). Describe your process of data collection and pre-processing in detail. Provide descriptive statistics for all your variables of interest. Overall, your methods section should indicate (**in English**) to the user **how** you used the data to answer your research questions with sufficient details for the reader to be able to **reproduce your work**.

Analysis. Produce tables and figures with your data, describe what you see, and provide answers to your research questions.

Conclusion. A short summary of your project, your results, and your general conclusions. This can also include some recommendations for future projects.

To submit: a .zip file containing your report, your data, and your scripts. I should be able to run your code and reproduce your results.

Note: Please avoid including the code chunks in your report unless they are necessary to describe your process. For example, you should not include the code used to install or load packages, call an API, connect to a database, or generate a figure or table. However, make sure that your scripts are well organized and appropriately commented.

Rubric

Methods (12.5 pts)

Results (12.5 pts)

Conclusion (5 pts)

Text quality (5 pts)

Data and code is provided, and results can be reproduced (5 pts)