ILS 103 Fall 2023 Final Project - 30 pts due December 3

Brainstorm a research question that can be answered by utilizing two or more datasets. It can be published data that you reuse (recommended) or data that you collect or generate yourself.

1. Create a notebook on Google Colab that presents your DMP. Your supporting files should be stored in a Google Drive folder. Both should be shared <u>with read permission = "Anyone with link"</u>.
2. Write a two-page data management plan that describes your study and explains how you will manage and share your data. Be sure to address all of the ICPSR Elements of a Data Management Plan; it is acceptable to present hypothetical solutions for things that are not possible or practical to implement but demonstrate that you understand best practices (e.g., describe how and for how long you would archive data if this were a project in real life). The DART Rubric will be applied in evaluating and grading your data management plan.
3. Present evidence that you have successfully organized, documented, and managed your data via Google Drive.
4. Create at least one visualization of an analysis that communicates your findings. The visualization can be a static image presented as a part of your DMP.
5. Produce a short video (5 minutes maximum) that summarizes your study, its methods and data you utilized, how you've organized your data, and presents your findings using your visualization. Save to Google Drive.

Be sure to keep your <u>focus on the data</u> and not a clever or overly ambitious engineering design or challenge.

If you are currently taking ENGL 106 with Dr. Hammer, you will use the same notebook for your research report assignment, and the components for your final project should be embedded within your paper (e.g., your DMP should be a section of the paper), which you will also share with her.

Our class meeting on November 20 will be an optional final project work session for you to ask any questions or get input or help from me. I will show a few videos from last year's class as examples and talk about what made them great.

Share your a) Google Colab notebook and b) Google Drive folder, submitting links via Brightspace under Assignments > Final Project by 11:59 p.m. on Sunday, December 3.

Data Management Plan (2 pages) - 15 points
Evidence of managed data collection - 5 points
Video and visualization - 10 points

Total grade = 30 points