

Final Project Proposal – Haley Massa:

For my initial proposal, I would like to work on the project that I mentioned in my introduction comment. I have been working with the Department of Sociology on some possible data to analyze the inter and intra variability of women's menstrual cycle. This depiction of variability will hopefully show that there is no "standard" cycle. I am also working with the advisor of the project to get more data to work with, as right now we have a lot of data but only three columns, which are Patient ID, Cycle ID, and Cycle Length. I can think of some interesting visuals with it, but we may need more data for a full dashboard. Additionally, I was wondering if it would be possible to make the dashboard in Python. I know that I usually think of Tableau for dashboards, but we currently work with most of the code in Python and it might be interesting to expand upon it in that language. I have not started visualizing the data yet, beyond a simple bar chart for a subsection of the data to get an understanding of the data and