Prospectus

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**Title:** Production of various visualizations of Breast Cancerstatistics

**Research Question:** How does the incidence rate of breast cancer, vary across different countries? How does other demographic data impact the incidence rates of breast cancer? What other visualizations can be made to better understand breast cancer significance?

**Objective:** Want the code to assist in visualization. Visualized data is often easier to understand and present to a larger audience. I want the code to assist in visualizing the given data that will produce figures that could be used in presentations. Furthermore, I want to create visualizations that I has not been widely presented in research papers but could be a useful asset in committee presentations and even in lab meetings.

**Intent on approach/methods:** turn the data into a world heat map that shows where the breast cancer cases are the highest and potentially could lead to an in-depth research question and representation of the data. Furthermore, I want to understand what other ways data could be presented in that could ease in understanding the data. Ideally the data would include breast cancer subtypes but that is not always included in public data.

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