**Detailed Report Template**

This is a template for the detailed report component of submissions for the [Pale Blue Dot: Visualization Challenge](https://www.drivendata.org/competitions/256/).

1. How does your visual inform a decision or action that furthers one or more of the key competition SDGs ([zero hunger](https://www.un.org/sustainabledevelopment/hunger/), [clean water and sanitation](https://www.un.org/sustainabledevelopment/water-and-sanitation/), [climate action](https://www.un.org/sustainabledevelopment/climate-change/))?
2. How did you create your submission? Include the tools you used (e.g., Python, Excel, specific python packages), how you processed the data, and (if applicable) how you managed your codebase. If you have a public repository with code, you can share a link here.
3. What motivated you to choose this topic?

The SDG6 suggests that access to safe water, sanitation and hygiene is the most basic human needs while billions of people still lack access to these services. According to [1], Nigeria ranked 177 among 180 countries in terms of sanitation and drinking water in the year of 2022, and ranked 43 among 46 countries in the SSA region. To understand this in detail, according to [2], only 67% of the population in the nation use basic drinking water services. As such, although Nigeria is a ranked mid-income, the

1. How did you learn about the broader context of your chosen issue (e.g., historical, social, political)? This could include drawing on the lived experiences of team members, reading articles and literature, conducting interviews with community members, etc. Did what you learned change your approach?
2. What are the ethics and/or equity issues you considered? What are some possible strategies or approaches for addressing them?
3. Would your team like to share the URL of an interactive visualization?

Reference:

[1] Wolf, M. J., J. W. Emerson, D. C. Etsy, A. de Sherbinin, Z. A. Wendling, et al. 2022. Environmental Performance Index 2022. New Haven, CT: Yale Center for Environmental Law and Policy. <https://epi.yale.edu/downloads/epi2022report06062022.pdf>.

[2] <https://www.unicef.org/nigeria/media/5956/file/2021WASHNORM%20Infographics.pdf>