

1. Challenges Faced

What difficulties did you encounter while searching for and selecting a dataset?

I chose my dataset based on the nature of series, availability of preferred countries and years in the dataset. Making sure all the other datasets in our project matched in these three categories was the difficulty I encountered in searching and selecting a dataset

Were there any obstacles in understanding the structure and variables of the dataset?

The only obstacle I encountered when understanding the variables of the dataset were the occurrence of similarity in the series. For example, there would be 4 or 5 series related to GDP, and it was hard to understand which one of them would align with my dataset.

2. Difficulties in Formulating Research Questions

What challenges arose in defining relevant and researchable questions based on your dataset?

Had to make sure that the research questions formulated included prescriptive, trend and correlation-based questions which were also meaningful to the project.

Did you struggle with aligning the dataset to meaningful analytical methods?

The only struggle with aligning the dataset to meaningful analytical methods was ensuring consistency across all indicators and making sure their relevance did not deviate far from each other.

3. Strategies Used to Overcome Obstacles

What steps did you take to address these challenges?

To make sure all the datasets had the exact countries and years, I manually crosschecked my requirements before proceeding to choose the dataset. I also had to verify the datasets my team members were working on to make sure we were on the right track.

Did you seek external resources, peer discussions, or additional research?

I did seek peer discussions with my team members. We had regular meetings to discuss our findings and update/make changes wherever necessary.

4. Reflections and Lessons Learned

What would you do differently if you were to start this process again?

I believe I would have revised some of my questions to eliminate the occurrence of similarity in framing research questions.

How has this experience shaped your approach to research and data analysis?

This experience has enabled me to develop a diverse range of analytical-based research questions and has facilitated my exploration of problem-solving challenges encountered in the real world.