**Frustration Report: Week 2 Data Collection and Research Questions**

**Challenges Faced**

**Finding the Right Dataset**

* Finding a complete dataset for 2021-2023 was difficult.
* Some sources needed special access or manual downloads.
* Some important information was missing or inconsistent.

**Understanding the Data**

* Different datasets used different names for the same things.
* Some data was missing, so we had to find other sources.
* The QPSD dataset had quarterly data, but we needed yearly data.

**Challenges in Research Questions**

**Making Good Questions**

* Some questions were too broad or unclear.
* It was hard to connect different datasets in a useful way.
* Questions had to be measurable and answerable with the data available.

**Choosing the Right Methods**

* It was tricky to decide which analysis methods to use.
* Some indicators seemed related but were not really connected.
* The data format had to match the method we used.

**How We Solved These Problems**

**Working with Data**

* We compared multiple sources (World Bank, IMF, UN) to fill in missing data.
* We used Python (pandas, SQLite3) to clean and organize the data.
* We made sure all data used the same format and column names.

**Improving Our Questions**

* We asked for feedback from classmates and teachers.
* We looked at example research papers to improve our focus.
* We tested different questions to see if they made sense with the data.

**Lessons Learned**

**What We Would Do Differently**

* Decide on research goals first before collecting data.
* Use automatic tools to make data collection easier.
* Check the data early to avoid problems later.

**How This Helped Us**

* We learned how to clean and organize data better.
* We got better at choosing the right research questions.
* We now know the importance of checking data carefully before analysis.