Implementation

Data Analysis & Interpretation

The fun part! Time to apply your analysis plan and generate some results. Interpret with caution, applying any appropriate caveats discovered during planning and validation.

Data Cleaning

All data need cleaning. It is now your job to validate the data and assess quality. Find and fix any errors, improve variable names, and re-format the raw data to suit your desired analysis plan.

Recommendations

Present your work back to your team/community/public. Disseminate your results, interpretations, etc. Don't forget data-based caveats and limitations to interpretation, or recommendations for improving data management and quality in the future.

Data Analysis Plan

What analyses do you intend to do? Have you considered SGBA+ applications to your work? Will you need multiple datasets? Do all the required data exist already, or will you need to create new variables? When in doubt refer back to your original question(s) and purpose.

Community Liaising

Consider engaging affected members in the community as early as possible in the planning stage. Their lived experience and insight into the situation is often instrumental to data collection, interpretation of findings, and informing realistic public health interventions.

Data Governance

Consider what you need for approved access to data. Who will be using or seeing the data? Where will data be housed? How long will access be required for? Who will be the end-users or stakeholders?

Data Collection Plan

Consider what variables you do (and do not) need for your analysis. How will your data be collected? Surveys? Questionnaires? Linking to existing databases?

Tool Selection

Decide what tools you will use to effectively manage and implement your data strategy. This may be informed by a combination of software availability, suitability, or expense. See the TDU's software rubric here.

Planning