Seroanalytics Workshop

Project Worksheet: Day 1

*Day 1 Goal: Understand your data and develop a research question.*

1. **Describe your data.** Please use the questions below to help describe the details and dimensions of your dataset.
   1. What was the study design of your project (i.e., location and timeline of data collection, cross-sectional versus longitudinal)?
   2. What antigen-specific antibodies/pathogen exposures are tested for in your dataset?
   3. What laboratory assay was used to test serum samples?
   4. What are the meta data variables included in your dataset (i.e., age, sex, urban/rural, etc.)?
   5. Do you have any concerns about your dataset (i.e., missing data, biases)?
2. Are there **policy-relevant problems** that can be solved with the dataset you described above?
3. What **specific antibody data and variables** from your dataset will be useful to address this problem?
4. Write out a **research question** you can ask given the above.