

## Activity 5: Data Analysis & Visualization

*Examining the data informing your research findings*

1. **Data** - Consider the data involved in the research papers you are including in your literature review.
  - i. What type of data is it? (e.g. images, video, network activity, physiological recordings, user surveys)
  - ii. How is it made available? (e.g. download a dataset, access an API)
  - iii. Could the data be considered sensitive, involving human subjects? If so, what type of considerations might be needed in the research protocol? If not, briefly explain why IRBs are not applicable in your case.
2. **Visualization**
  - i. What type of visualizations of the data exist in the works you have already explored? *Are there tables comparing the existing datasets? Do they use any charts or graphs to provide clarity?*
  - ii. What type of visualizations of the data do you plan to include in your research project this semester? *Identify at least 1 visualization that will help peer researchers reviewing your study to quickly understand the data that exists in your research topic.*