

## Assignment from Alyssa Goodman, for Rubin DSFP 2021

1. Please watch all the videos in the [playlist called "Seeing More of the Universe," on YouTube](#).
2. Complete the ["airplanes" tutorial online here](#), so that you have a working installation of the *glue* software, and a basic grasp of what it can do. In particular, make sure you understand:
  - a. How to load data
  - b. How to link shared attributes
  - c. How to create and use selections to explore interesting features of a data set.
3. Use *glue* to **explore** a data set of interest to **you**, by following (roughly) this list of steps.
  - a. Create an online document (preferably a Google Doc) whose URL you will share with the DSFP program leaders and Alyssa Goodman, to track your progress on this 3rd part of the assignment. A [template is here](#).
  - b. *Follow the general outline of the [template](#) provided to explain what graphic or analysis you'd like to re-make using glue. Make sure you have access to the data behind whichever example(s) you choose, as you'll want to load it in to glue.*
  - c. Highlight your reproduction of the result or graphic, and the result of the question you seek to answer (see template) in **yellow**.
  - d. Explore the data further using *glue*, and then briefly discuss at least one new finding that came from your exploration.
  - e. Document any errors or difficulties you had in the steps above.

This assignment should take about 4 hours in total (1.5 hours for videos, 1 hour for airplane demo, 1-2 hours for playing around with "your" favorite data).