

# Pre-class assignment # 16

PHY-905-005  
Computational Astrophysics and Astrostatistics  
Spring 2023

**This assignment is due the evening of Monday April 3, 2023.** Turn in all materials via GitHub.

**Reading:**

1. Chapters 5 and 6 (pp. 105-149) of *Modern Statistical Methods for Astronomy*, by Feigelson & Babu.

**Your assignment:**

1. Work through the questions in the included IPython notebook, making sure that you understand the mathematics behind the routines you're using!
2. In the file `ANSWERS.md`, write down any questions that you have about the material you read in Chapters 5 and 6 or the work you did in the IPython notebook discussed above, any points that are not clear, or anything you'd like to know more about. Aim for at least 3 questions/unclear points/etc. per chapter!

**Handing it in:** Include your modified code and your answers to the questions (in the file `ANSWERS.md`) in your assignment.