The Problem

- People new to coding and data analysis can easily get confused

- It can be hard to visualize what you're working with

- It takes time to make code to visualize your data

- Why not streamline the process?
  - Make it easier for people new to coding to quickly look at their data
  - Shortcuts for people making multiple plots with small differences

The Solution

- I propose to make a python module that can take in a file of astronomical data or query an astronomical database and generate several useful plots:
  - Color-magnitude diagrams
  - Hess diagrams
  - Simple coordinate plots
  - Potentially even more!
- How?
  - Use astroquery, matplotlib, and interact modules
  - Create methods for each kind of plot
  - Use simple plotting methods to make quick, nice looking plots