

Spotted Python

Week 4 Tutorial

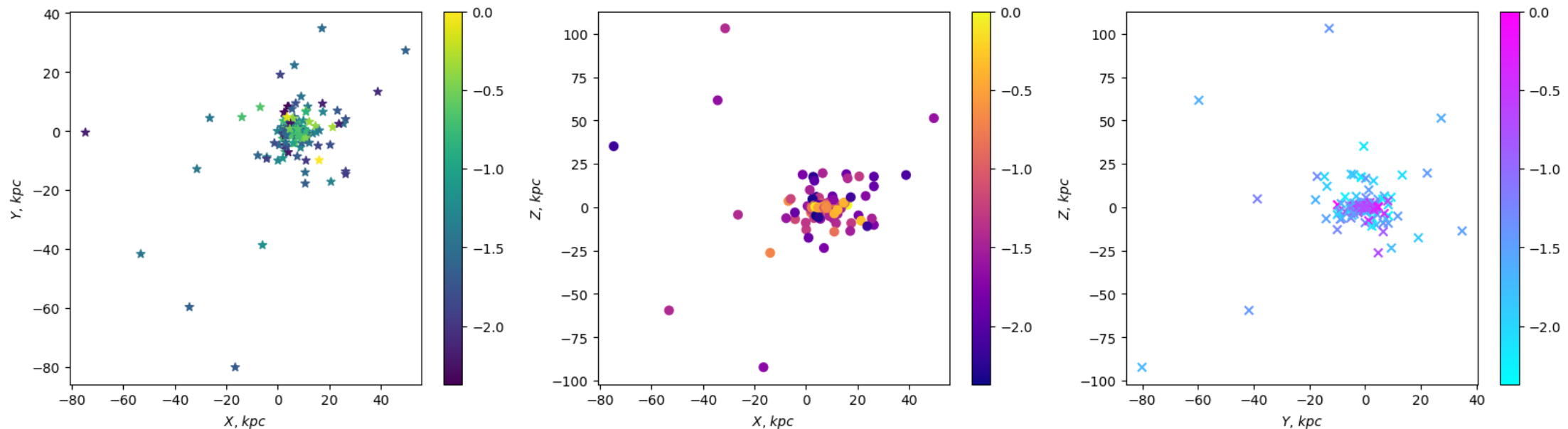
- ★ For and While loops
- ★ Creating subplots

For and While Loops

- ★ For loops repeat a piece of code while changing an input variable
- ★ While loops repeat a piece a code until a certain condition is met
- ★ Complete **Exercise 1**

Milky Way Globular Clusters

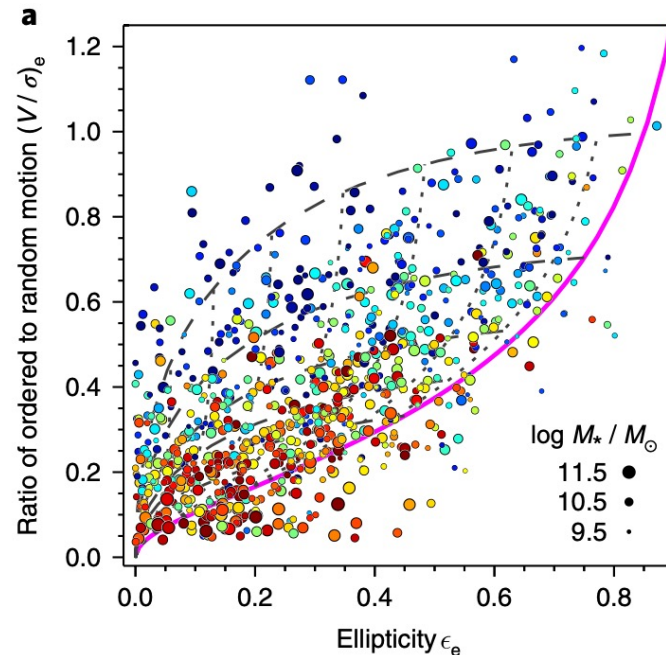
- ★ Reminder that the assignment data can be found under [assessment hub](#) → [computational assessment data](#)
- ★ For the working example, use the `harris_combined.csv` provided
- ★ Colouring the GC by $[Fe/H]$, what trends do we see?



- ★ Relationship between V/σ and ϵ (Cappellari, 2007)

$$\left(\frac{V}{\sigma}\right)_e = \sqrt{\frac{(0.09 + 0.1\epsilon)\epsilon}{1 - \epsilon}}$$

- ★ Try to recreate this figure from van de Sande, 2017 (**Exercise 2**)



Group Meeting Time