Tiny Bioinformatics Primer

Galaxy
- Nonprogramming way to perform bioinformatics analyses (https://usegalaxy.org/)
- RNA-Seq Galaxy Tutorial:
  - https://training.galaxyproject.org/archive/2022-05-01//topics/transcriptomics/tutorials/ref-based/tutorial.html
- ChIP-Seq Galaxy Tutorial:
  - https://galaxyproject.org/tutorials/chip/

R, The Statistical Programming Language
- Download R (https://cran.r-project.org/)
- Download RStudio Desktop GUI *Free edition* (https://www.rstudio.com/products/rstudio/)
- Tutorial #1: Minimal programming code for performing differential expression analysis in R (https://github.com/shehbeel/DE-Analysis-Basic-Tutorial)
- Tutorial #2: Minimal programming code for plotting DE genes (https://github.com/shehbeel/DE-Analysis-Basic-Tutorial/blob/main/Plots_rad_1mon.R)

Python
- Basic Python tutorial for finding overlap between a list of genes and differentially expressed genes (https://drive.google.com/file/d/1xiugxK69JvXYst3yoPchAPTt0L_2IjSE/view?usp=sharing)
- Why learn Python? An Interactive Dashboard (https://youtu.be/tiUEEfP7CBo)