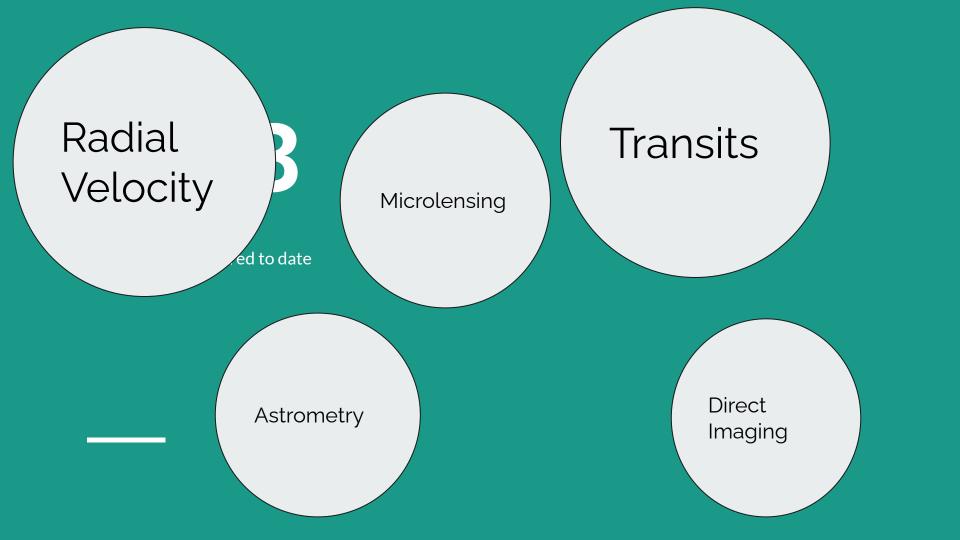
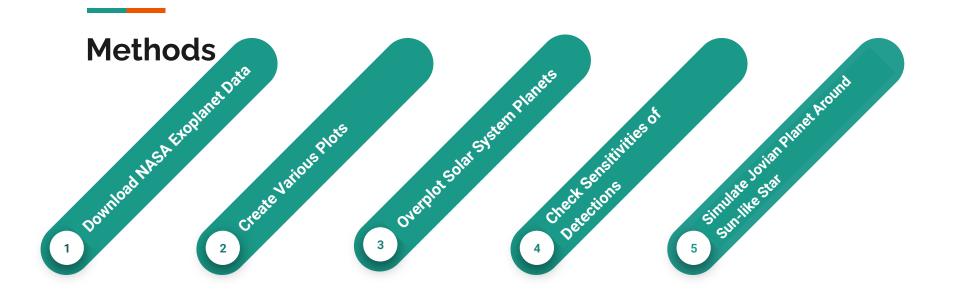
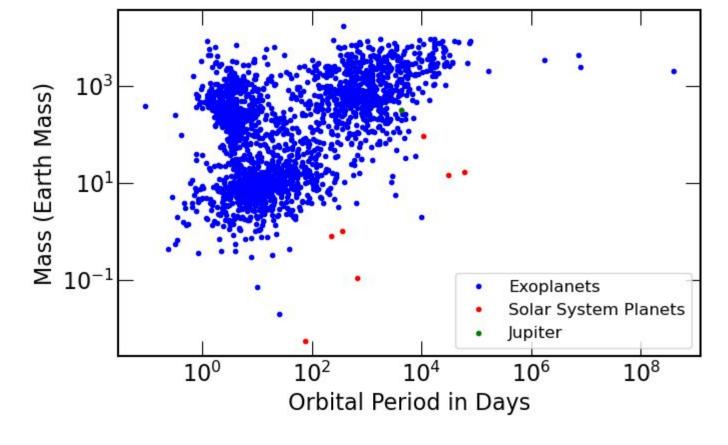
An Exploration of Exoplanet Detection Methods

Group 5

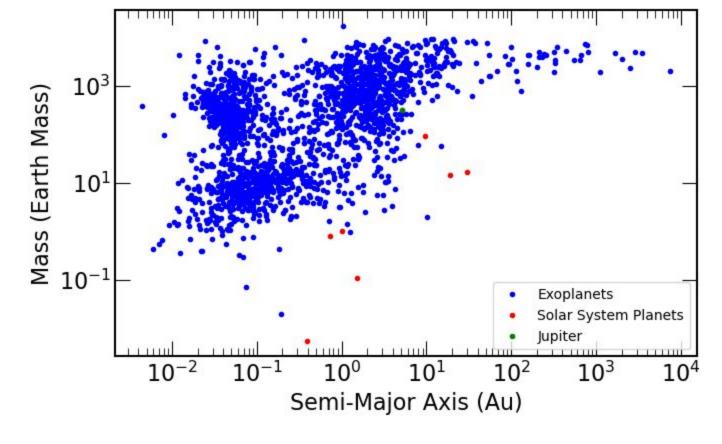
Dax Begeny, Matthew Williard, Greg Costa, Omar Kotrach



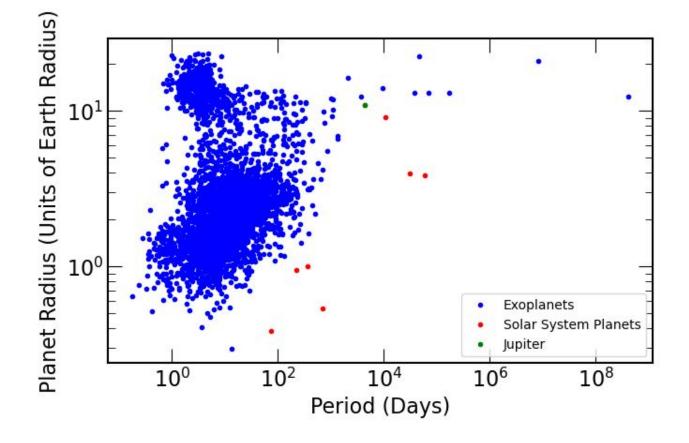




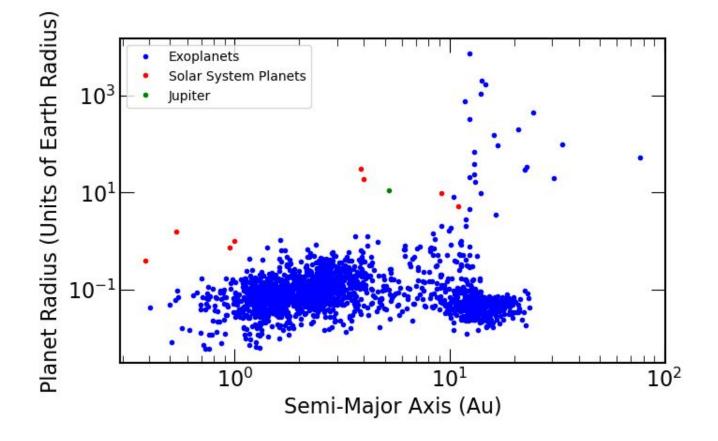
Plot 1: Mass v. Period



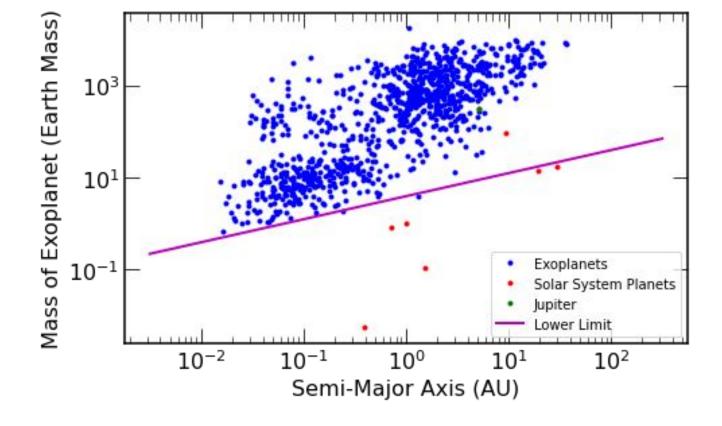
Plot 2: Mass vs. Semi-Major Axis



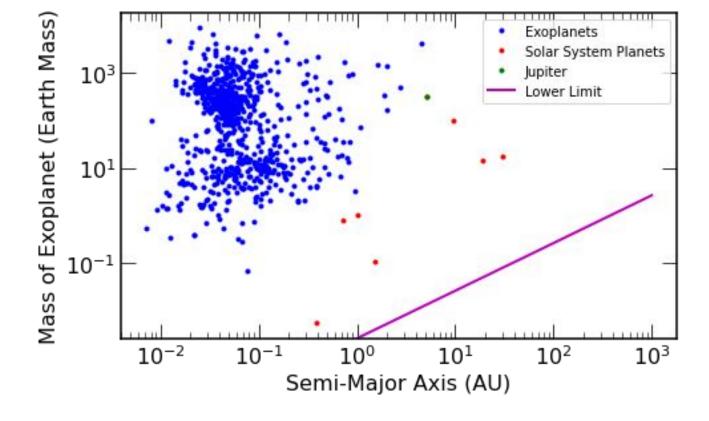
Plot 3: Radius vs. Period



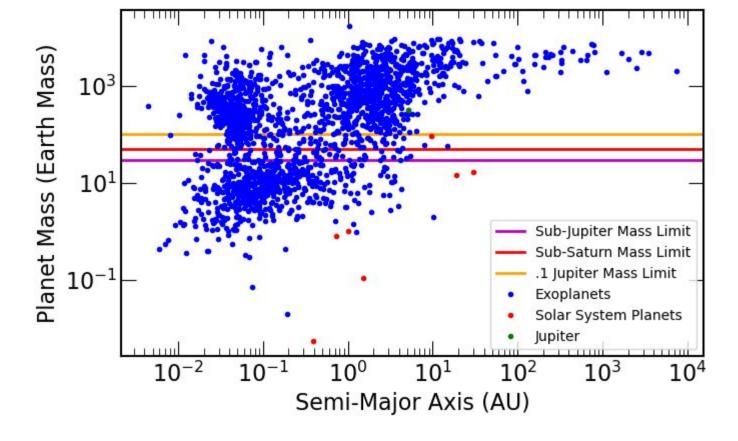
Plot 4: Radius vs. Semi-Major Axis



Radial Velocity Sensitivity



Transit Sensitivity



Direct Imaging Sensitivity

Conclusion

-Strengths vs. Weaknesses

-Confirmation Bias

-Occurence Rate Method