

Information About Me:

Elizabeth Hora

elizabethhora2022@u.northwestern.edu

WCAS- Major: Biological Sciences, Minor: Data Science

Undergraduate

Young Stellar Objects in the Large Magellanic Cloud

Abstract:

There is a discussion about how young stars develop and accrete mass. Studying the variability of the YSOs can give information about the rate of accretion and the growth of these young stars. The idea to determine the periodicity of observations using the Lomb-Scargle method to create Folded Light Curves came from my Dad, who is a researcher in the field. I thought this would be a good opportunity to create these graphs with the skills that I have learned so far in my Data Science Classes as well as discovering other packages that would help display the data.