CALIFORNIA INSITUTE OF TECHNOLOGY

Ph21 Assignment 1

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1 PART I

In this part I used the urllib package to parse data from the cgi to python. I observed that when I click on the link on the website with raw data I could access all of the required data. So I used splitting of pages to focus on that link and the data to a CSV file. Afterwards, I opened the CSV file and manipulated the data using numpy arrays as usual.
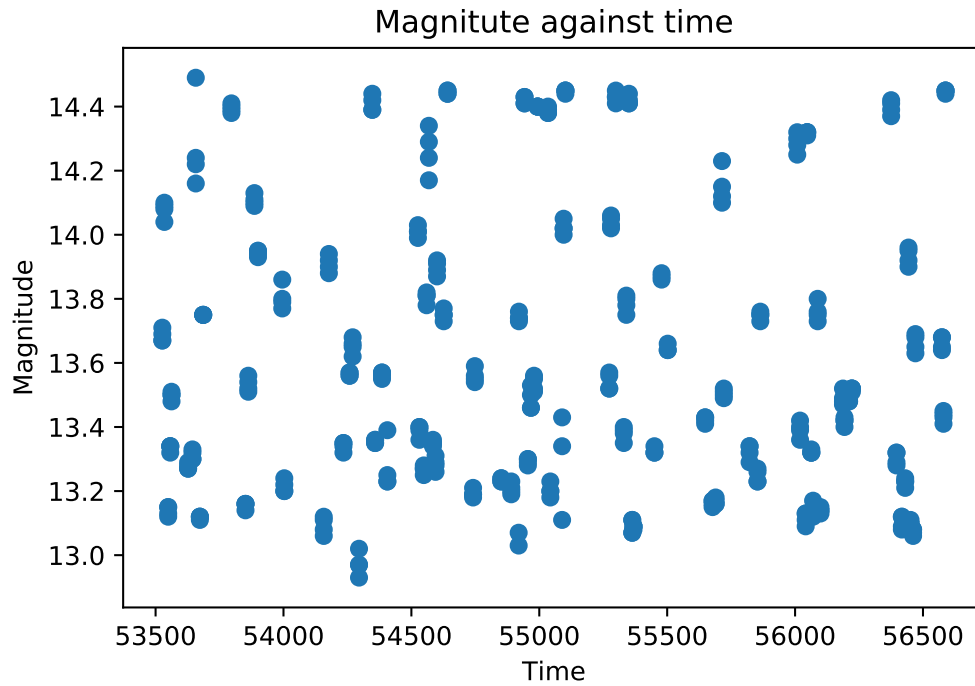

Figure 1.1: Her X-1 binary star system

2 Part II

In this part I used the same method as above for fetching the VOT url but then I used the parse single table function in astropy.io.votable which made things faster and easier. As seen below, the two graphs are identical.
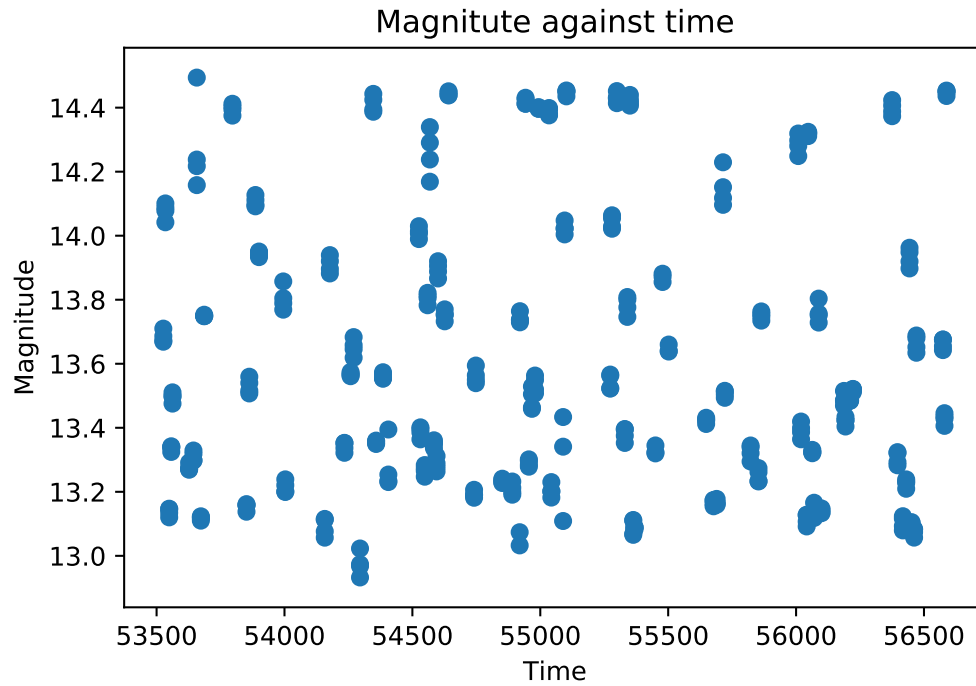

Figure 2.1: Her X-1 binary star system