

# Progress Report<sup>\*</sup>

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## 1 Introduction

Stellar flares refers to

## 2 Data

The data we used in this project is the light curve

## 3 Methods

### 3.1 Time Series Analysis

### 3.2 Machine Learning Methods

## 4 Results

### 4.1 Time Series Model

### 4.2 Machine Learning Model

## 5 Discussion

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<sup>\*</sup>Code and data are available at: <https://github.com/Florence-Liu/Stellar-Flare>