

# ExoHunter AI

Automatic search and verification of exoplanets using Artificial Intelligence.

# problem

1

the complexity of  
manual analysis

2

the risk of missing  
the opportunity to  
find an exoplanet

3

We're wasting the  
most important  
thing- time.



# problem solving

---

- automation of work
- entrust this task to AI
- to find exoplanets using patterns and characteristics

---

01

transit method

---

02

radial velocity method

---

03

the microlensing  
method

---

04

direct image

---

05

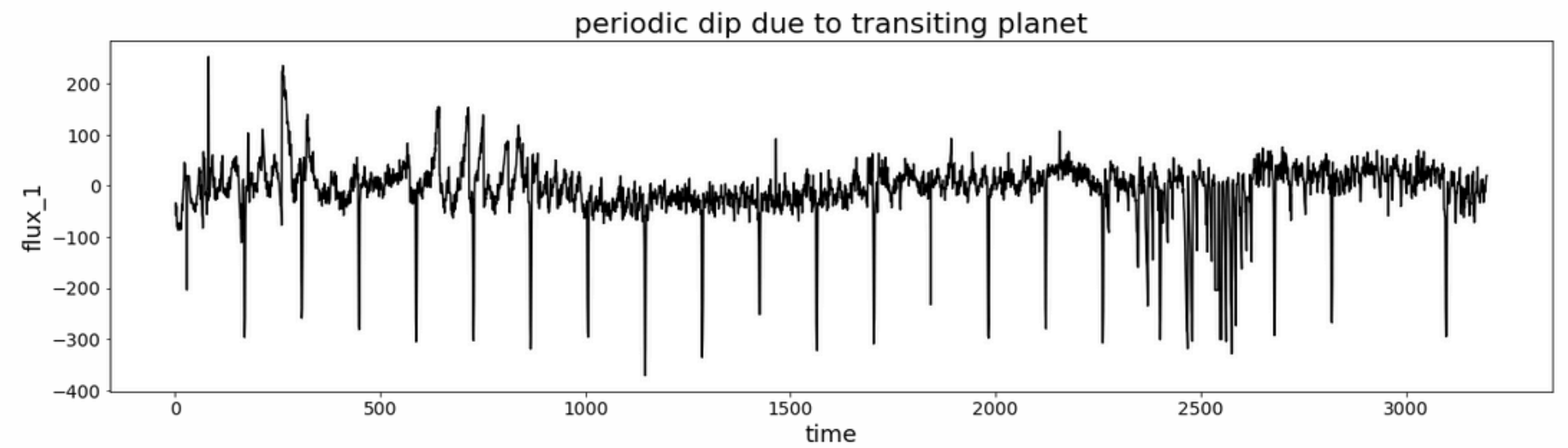
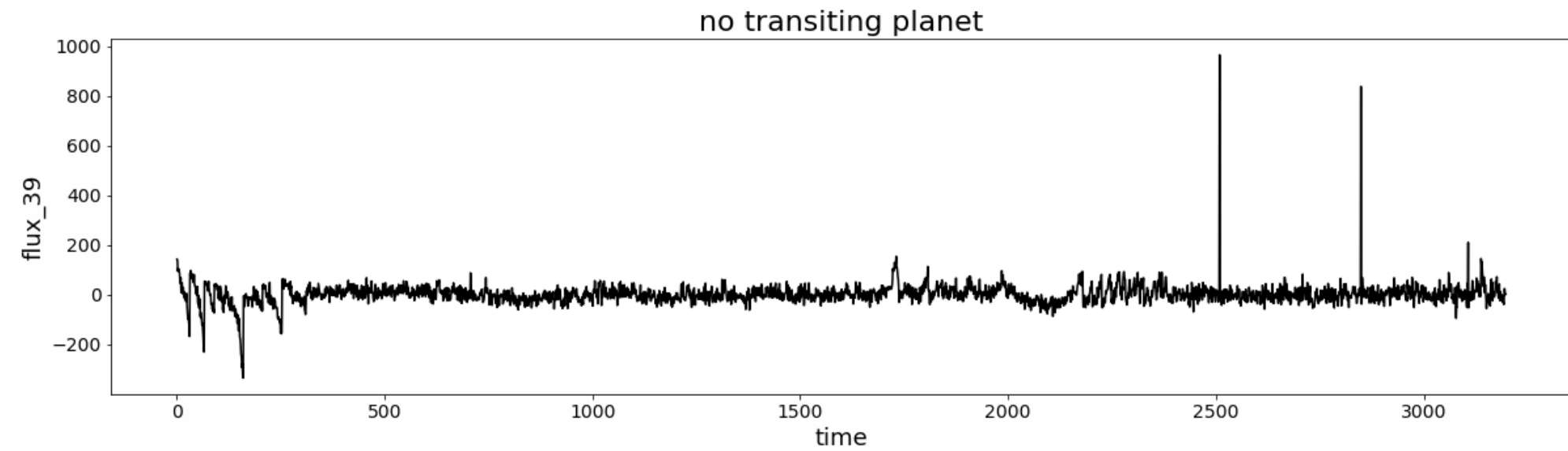
Astrometry

# how does it work?

OUR AI WILL ALSO FIND PLANETS  
ACCORDING TO PATTERNS.

# transit method

---



# characteristics of an exoplanet

---

✓ Orbital characteristics

---

✓ Physical characteristics

---

✓ atmospheric characteristics

---

✓ characteristics of the star

---

# impact

---

Our project is aimed at improving the efficiency of the search for exoplanets using artificial intelligence. We automate the analysis of astronomical data, reducing the burden on researchers and increasing the accuracy of detecting potentially habitable worlds.