#### **OUTLINE**



- 1. γ🦟 Gamma-ray astronomy
  - Gamma-ray astronomy and gamma-ray telescope
  - The Imaging Atmospheric Cherenkov Technique
  - Beyond gamma-ray astronomy
- 2. Machine Learning & SETI: How to find aliens
  - Different ways to look for aliens
  - Introduction to ML and Generative Al
- 3. **Was Mandson:** Generative Al with Python
  - Generate your own MC data set
  - Make your first ever Generative AI neural network

Google Colab



Lecture 2

Lecture 1



### **OUTLINE**



# **ASTRONOMER**



What my friends think I do



What my parents think I do



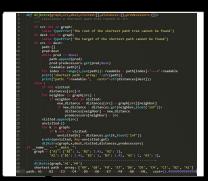
What society thinks I do



What the media thinks I do



What I think I do



What I actually do

### **OUTLINE**



## **ASTRONOMER**



What my friends think I do



What my parents think I do



What society thinks I do



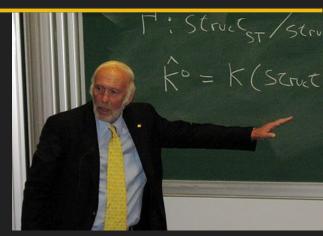
What the media thinks I do



What I think I do



What I actually do



SAGI: <u>Simon Astrophysics Group</u> at <u>I</u>CISE

As reported by Bloomberg Billionaires Index, Simons' net worth is estimated to be \$25.2 billion, making him the 66th-richest person in the world.