ALEXANDER GRAY

On the verge of a cure

guide
for game masters
and solutions

Objective of the game

1. Retrieve the **research** on the vaccine for the Distruptia epidemic

2. Find out who **killed** Dr. Gray and why

3. **Practice** research skills

How to play

- individually

or

- in collaborative teams

Remember to

- read carefully the clues
- keep searching
- use Telegram as explained in the game: @Gritproject_bot

Surveys

At the beginning and at the end of the game, please fill in the 2 surveys.
The second one represents an important data collection to develop a new methodology to measure grit using artificial intelligence (sentiment analysis techniques).
PLEASE ANSWER AS MANY ANSWERS AS POSSIBLE!

13:11 ... 5G 69

Survey Part 1.

What's your age?

Gender:

Male   Female   Non-Binary   Not to say

Current Academic Program

Year of Study

Field of Research

In the following statements, place yourself in one of these five options:

1. Very much like me   4. Not much like me
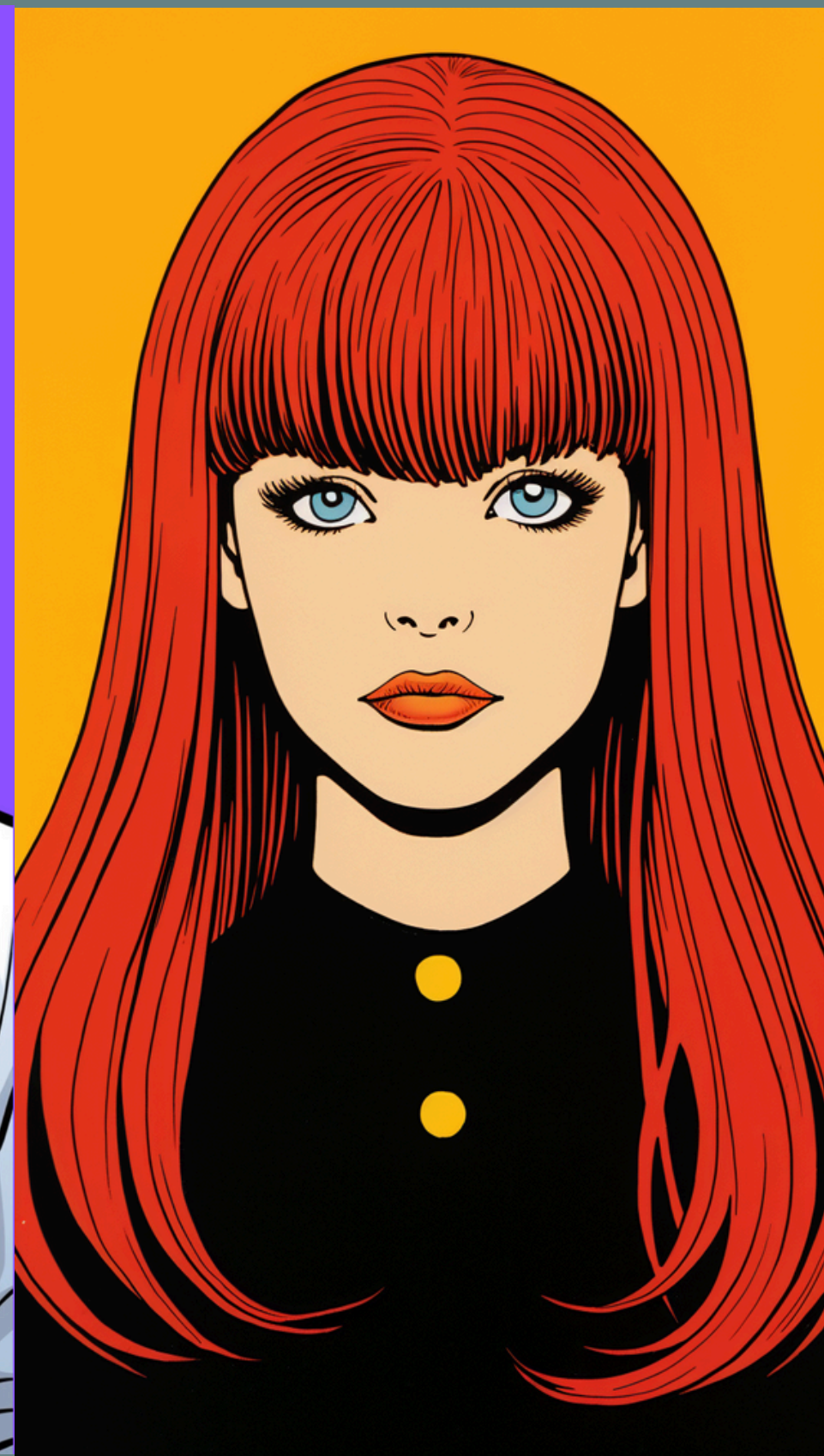2. Mostly like me   5. Not like me at all

🔒 thunkable.site

Characters

The detective has to investigate who killed the reknown scientist Alexander Gray.

Characters you will meet in the game

Game environments

These are the places you will need to visit while playing:

- Forensic Unit
- Gray's lab
- Gray's office
- Main lab
- Entrance
- Locker room

The game is not linear!

you will need to collect clues in the different game environments and reach the solution (both in terms of finding the killer and in terms of finding the cure to the disease).

It does not proceed in a linear fashion.
It does not have subsequent steps.

How does it ends?

You are asked to reach 2 different results:
- find the cure to Disruptia
  - this is clearly stated at a certain point of the game!

- identify the killer and the motivation for the murder
  - this result does not appear as a solution within the game. At a certain point you will spot a button which notifies that you have managed to explore the entire game and that you could clink on a link to go to an external page to find the solution to the murder.

Survey Part II and solutions...

A learning experience on research skills

The game is a learning experience on research skills. Before and after playing you will be asked to reflect on your learning journey and to respond to a series of short questions.

Make sure you answer to the questions.
The data collected will be used by the project team for a dedicated research on AI tools for measuring grit.

Clues

Things to be opened:

- Gray's lab: the document holder needs a code which can be retrieved following Donovan's suggestion you can find in the questioning area (use Telegram!)
- Gray's office: there is a computer with a 3-digit password. Check out what Laura Morris says regarding passwords.
- Main lab: a paper is mentioned, Elicit as a tool for bibliographic search is mentioned. This can be useful for the pc password.
- Locker room
  - Donovan: Coldplay's song
  - Spencer: easy, very easy password (she says when questioned)
  - Morris: check out the Divine Comedy (the word to enter is in Italian!)

Clues

Things you need to have discovered to solve the game:

- Gray's office:
  - in the drawer, together with the paper, there is an opera ticket which was not used. Another one was used (as you could see in the locker). What does this tell you?

- Main lab: Careful to the first delusional misidentification syndrome!

- Gray's lab: the things found in the drawer are strategic. One points out a theme related to a syndrome while the second one is a name which is a clue for the My Will clue.

Clues

- Forensic Unit: MY WILL. Try to find out where to type it. Once found, you need to decipher that using a specific cipher which is suggested with a picture. Many different ciphers are mentioned once the pc is unlocked. Among those, use the one suggested by the guy in the picture in the drawer in Gray's lab.

- Entrance: is there a love story going on? Who with? Check out also the video in the unlocked pc.

Solutions

ALEXANDER GRAY

On the verge of a cure

Solutions

Documents holder: 484647
Download the file Dataset_NY by typing
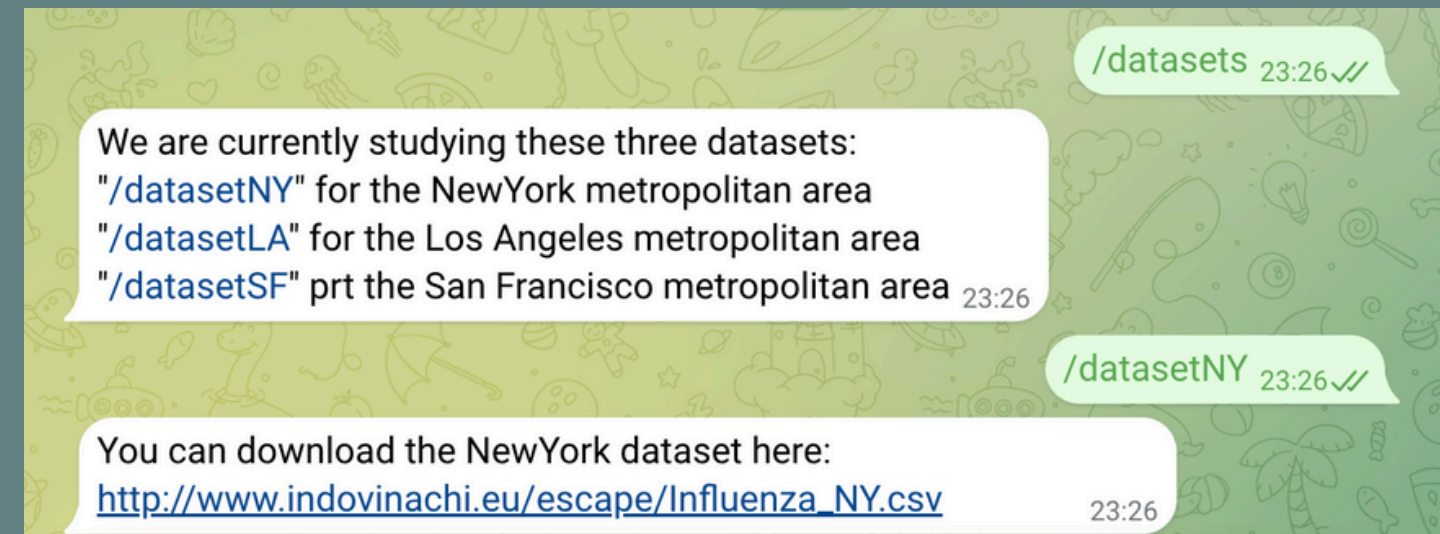/datasets
and then /datasetNY
Sum the numbers of column J.

PC: the password is the number of the last page of the following paper which is 286.
Elicit (or other tools) can be used to retrieve it.
Singhal, T. (2020). A review of coronavirus disease-2019 (COVID-19). The indian journal of pediatrics, 87(4), 281-286. https://link.springer.com/article/10.1007/s12098-020-03263-6

Lockers:
   a. Mike Donovan - yellow (a famous Colplay's song)
   b. Laura Morris - laura (at the beginning, she says she uses very simple passwords)
   c. Monica Spencer - stelle (the last word of Dante's Divine Comedy)

Solution: the cure

Capgras syndrome is a rare psychiatric disorder. Those affected by it firmly believe that their loved ones have been replaced by identical look-alike **impostors** or **replicas**.

Gray is unable to determine whether he is affected or not, and, distrusting everyone, decides to split the search for the **Disruptia vaccine**. One branch is a decoy meant to slow things down, while the other is a secret effort he pursues on his own, hidden from the group. This second effort shows great promise and reaches the stage of a first prototype ready for testing.

To find the cure, you have to:
- type /MY WILL on Telegram (or /My Will)
- copy and paste the letters shown in a webpage that allows you to decipher it using the Bacon cipher (this is suggested by the picture of the actor)
- the sentence invites you to type /Capgras on Telegram (or /CAPGRAS or /capgras)
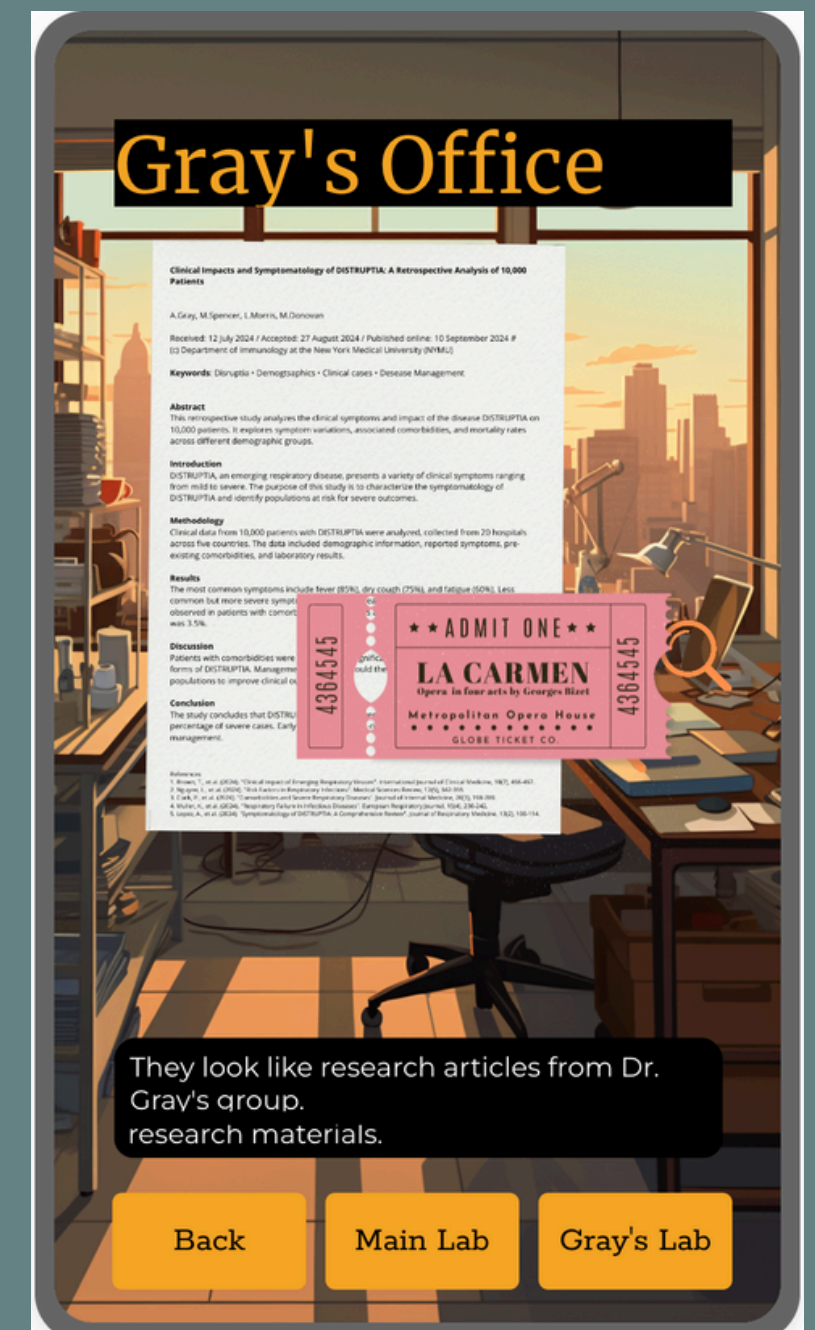- you will receive a confirmation text

"My name is Alexander Gray. If you've reached this point, something serious has probably happened to me. By activating this command, you now have access to the link to my research on the Disruptia vaccine. This is the result of all my work over the past year, and I believe someone is trying to take possession of this research. That's why, by activating this command, I have automatically sent the material to 10 other colleagues around the world, in addition to you. Long live open and free research. I hope you can begin the human trials phase and quickly move towards synthesizing doses for the entire population."

2. Solution: the killer

The game won't reveal the murder but you will be asked to reach a landing page where you will find the solution and further supporting materials.

To reach the conclusion, you have to collect:
- the unused ticket for the Opera which Gray did not use

 (it is in the Gray's office)
- Translate Yanni's note using Google Lens or other tools from translations using images
- Consider Yanni's stories on who entered and exited

2. Solution: the killer

Monica Spencer, frustrated by these delays and unable to impose a new direction on the vaccine research, decides to attend the theater on Friday evening. However, not seeing her colleague show up, she returns to the office after the end of La Carmen.

She gains access easily by bribing **Yanni**, who is secretly involved with the researcher, and has **Donovan** marked as present in her place. Evidently, a conflict arises during the night, in which Gray ends up on the losing side.