



# Artificial Intellect

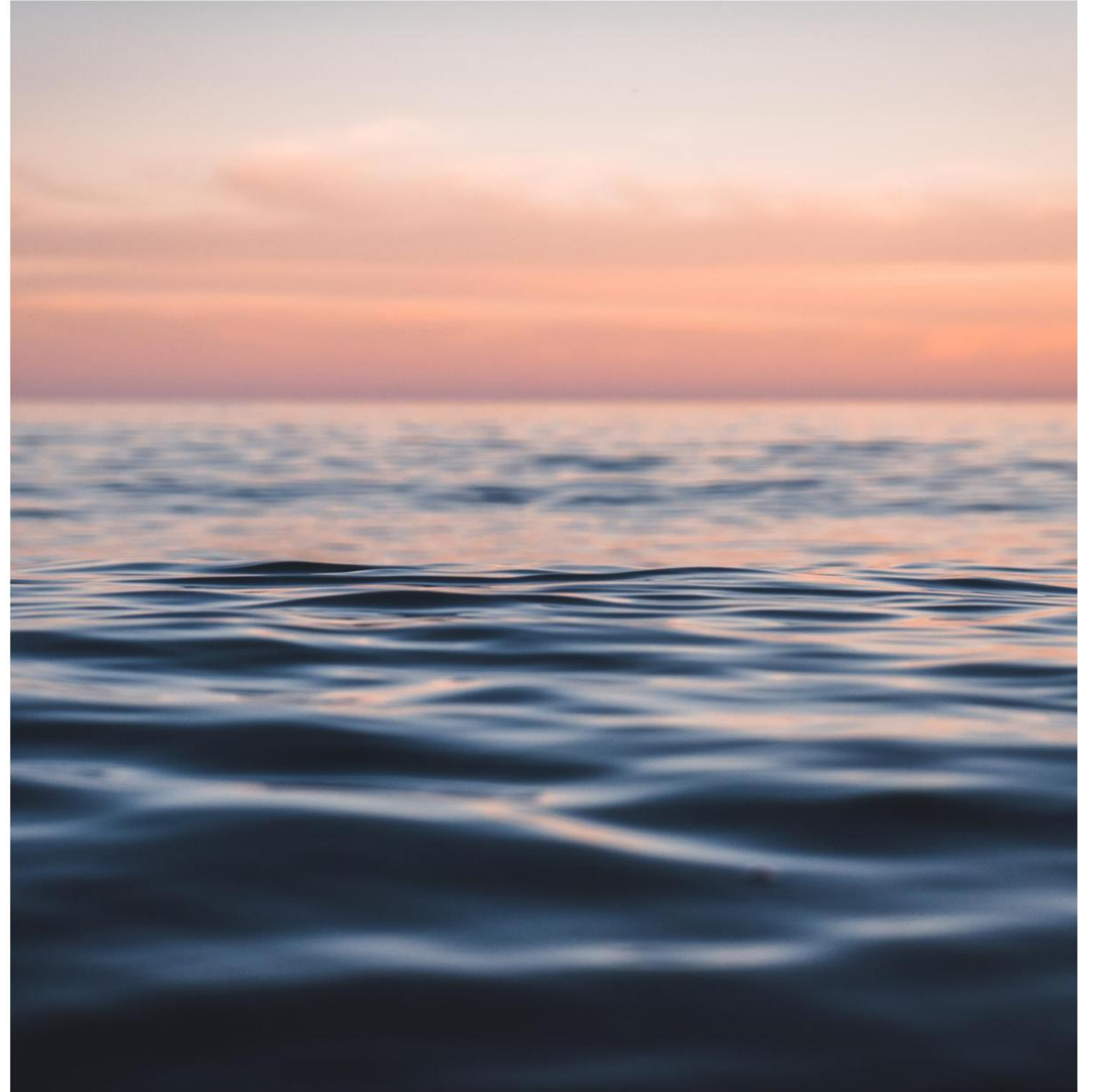
Artificial Intelligence



Developed in the framework of the Smart Rural 21 project in support of Alsunga



What is it ???



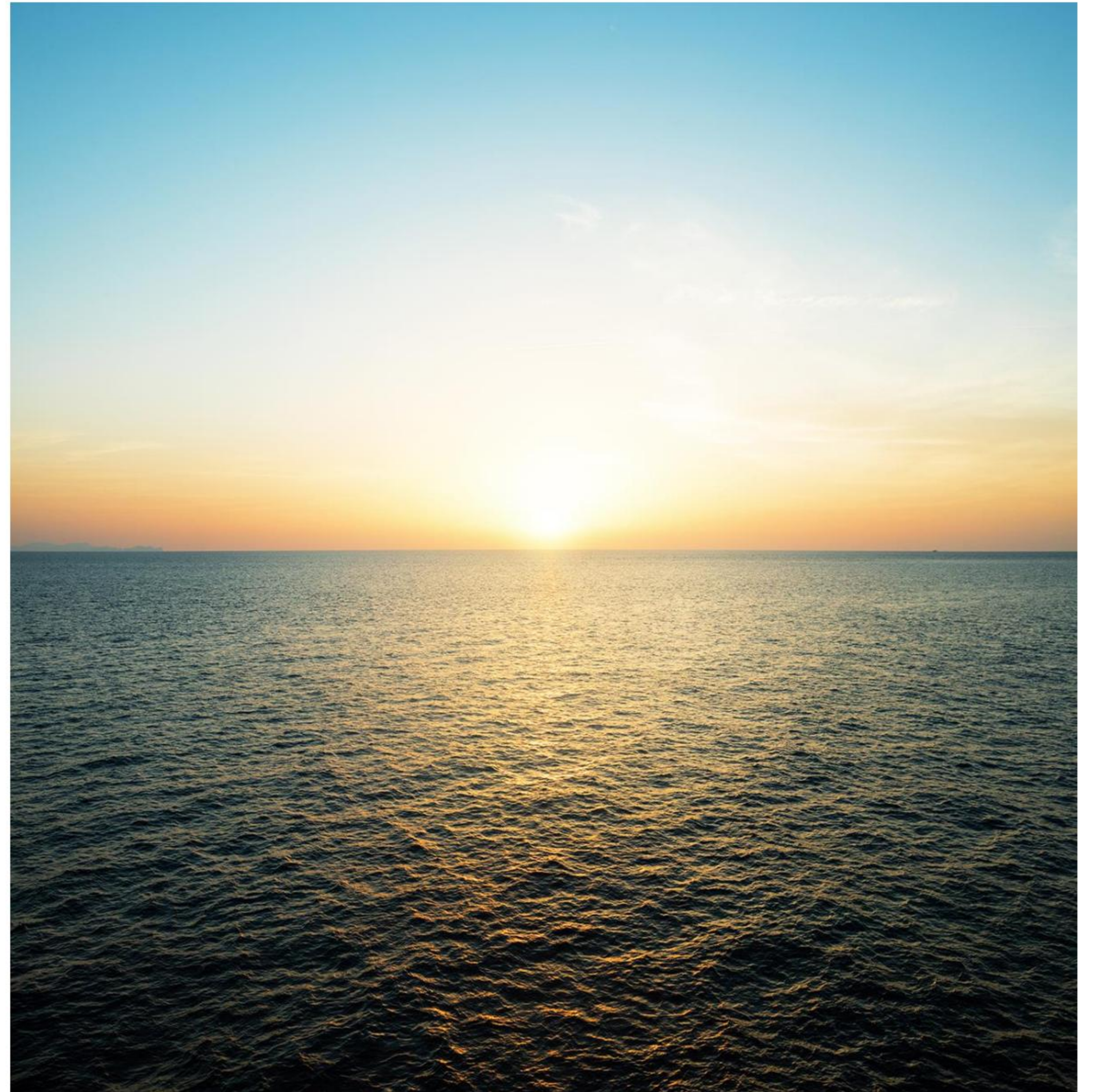
Intellect (from Latin: intellegere - "Understand" literally "Choose between")

It is the ability to find out what is going on around you.

# Find out

How to?

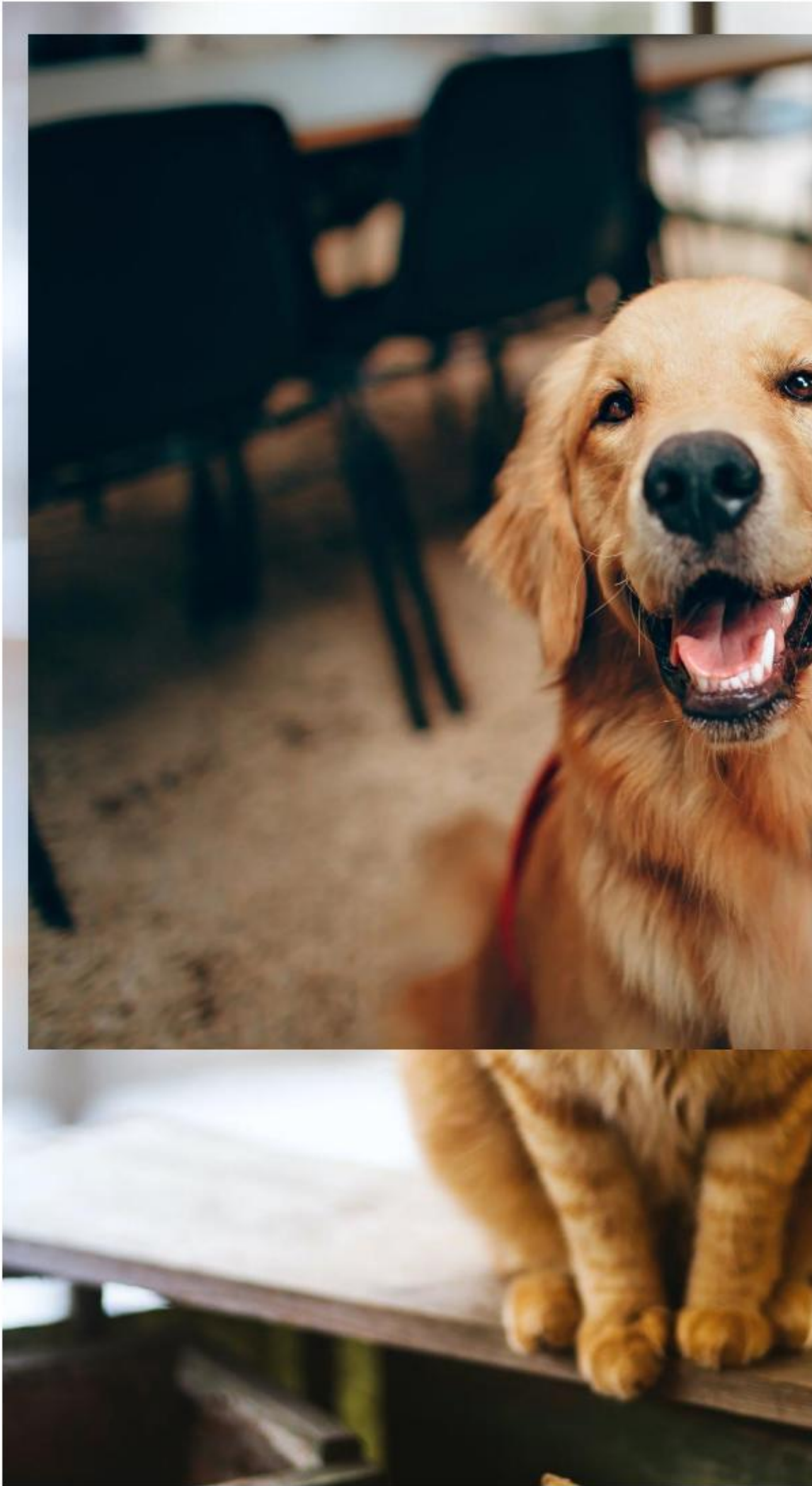
- Vision
- Smell
- Hearing
- Background
- Movement

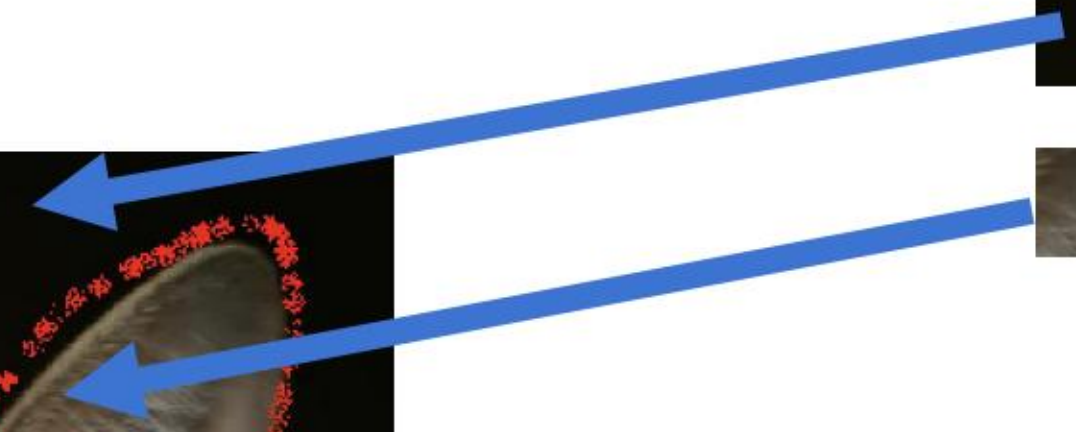
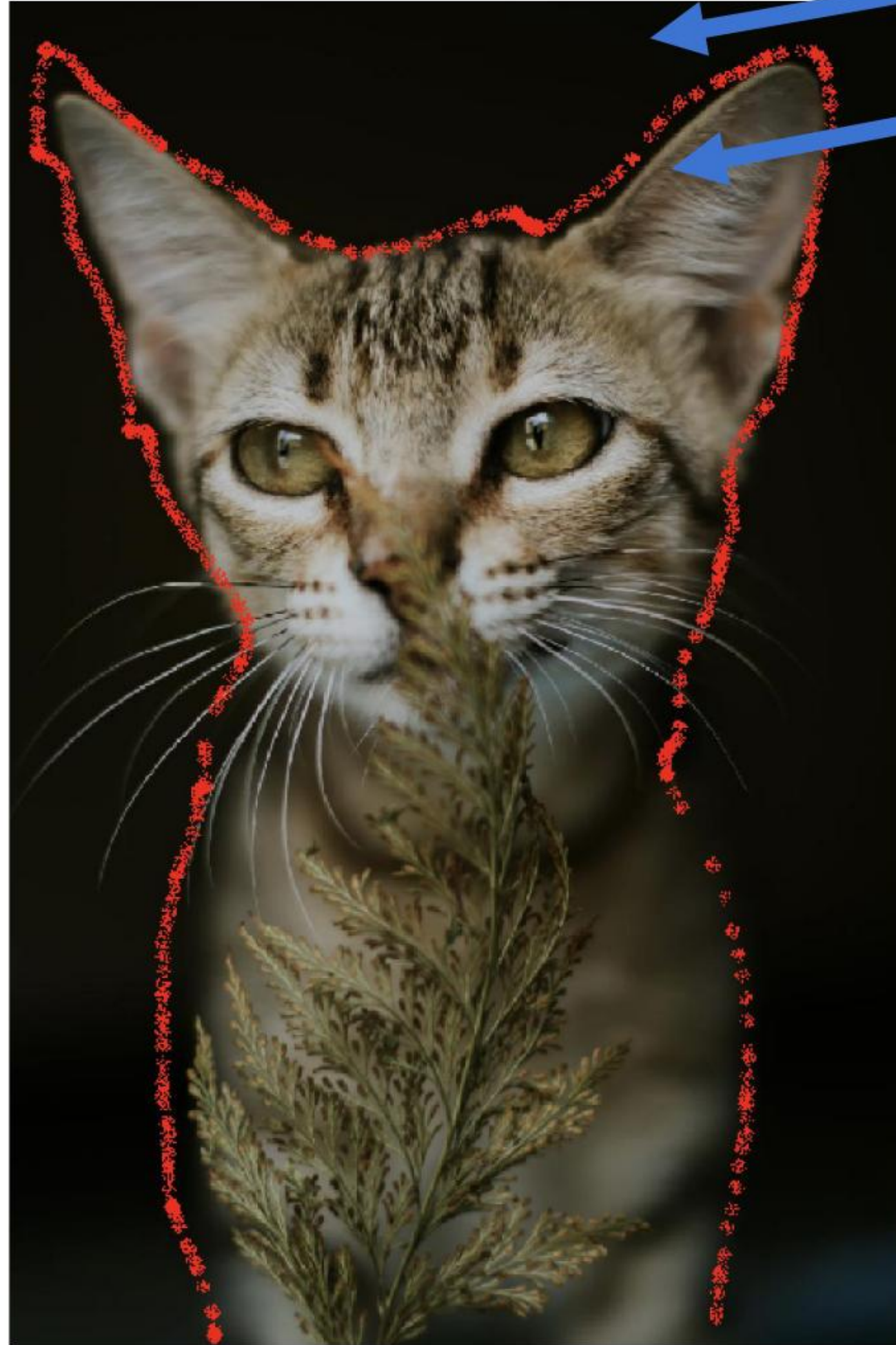


# How Does a Computer Know?

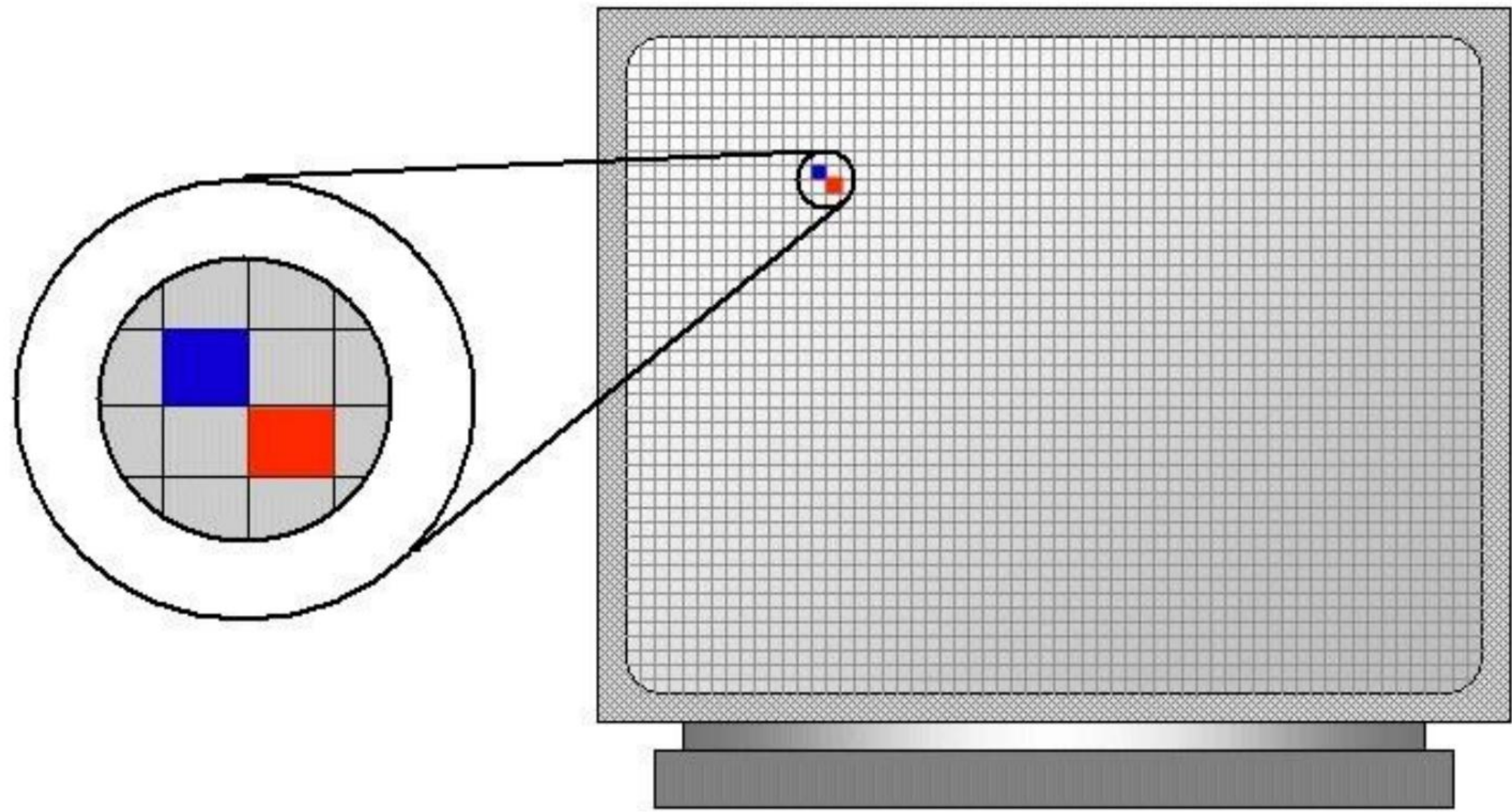


He is being trained

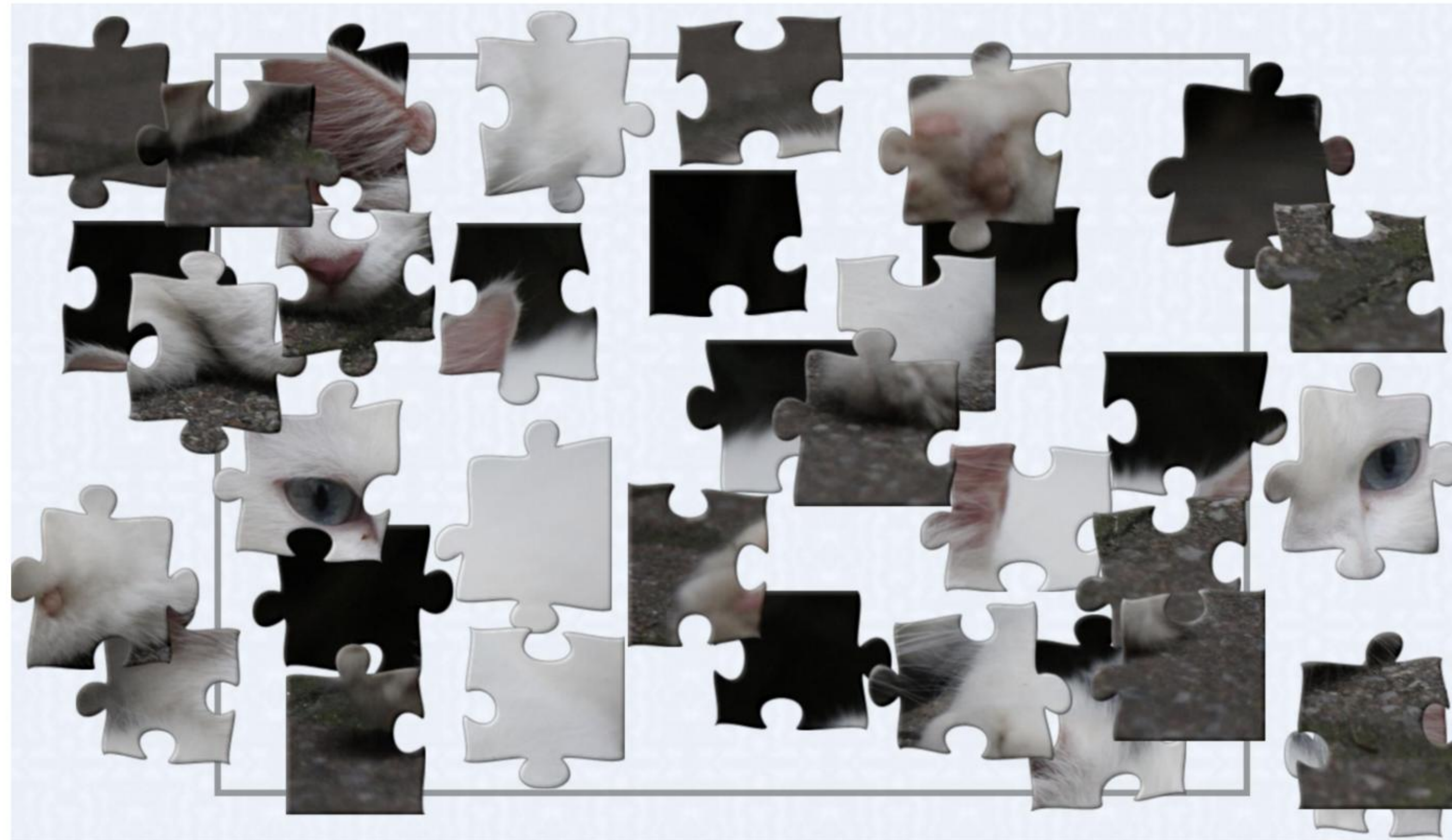




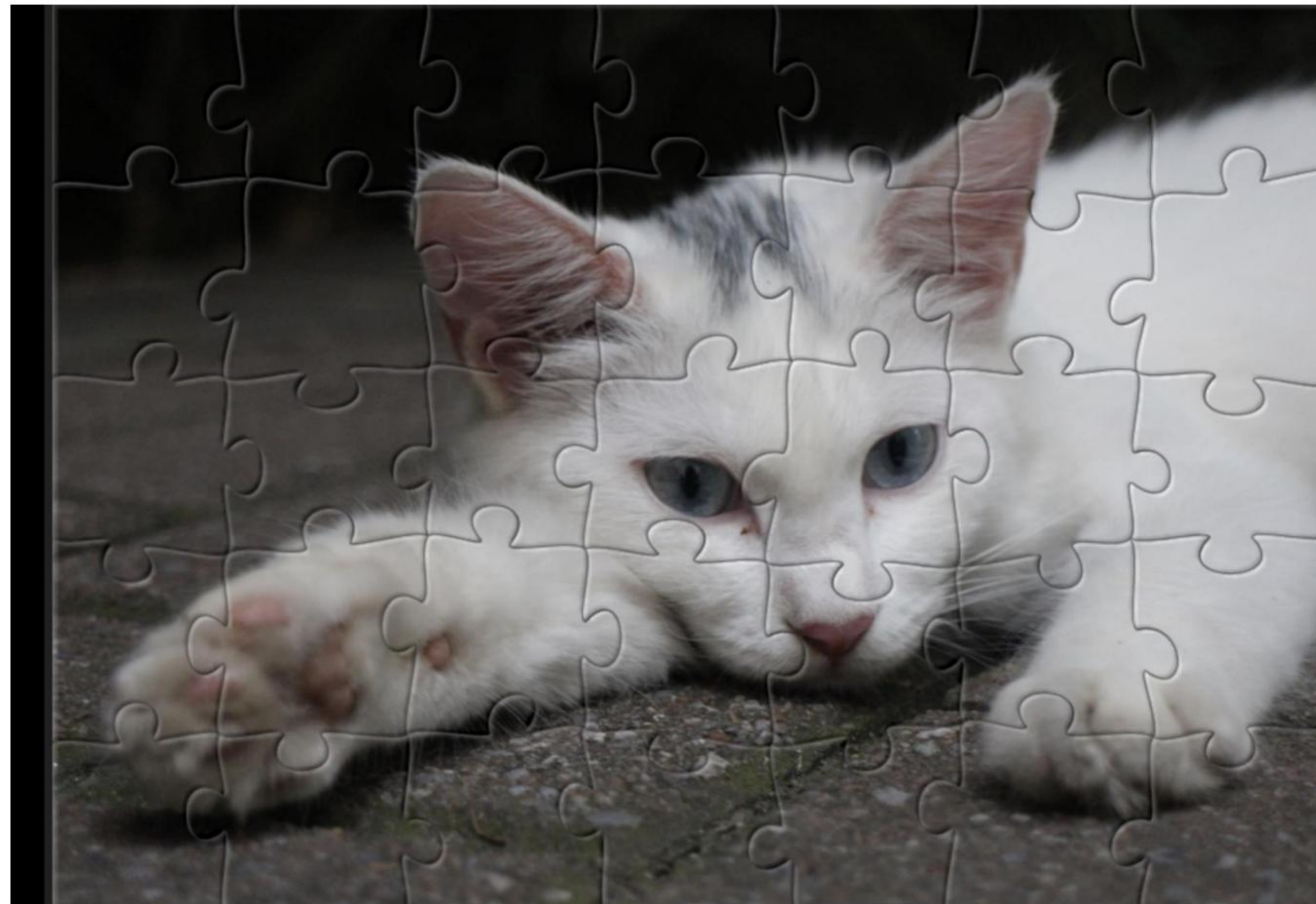
How does the computer see it?



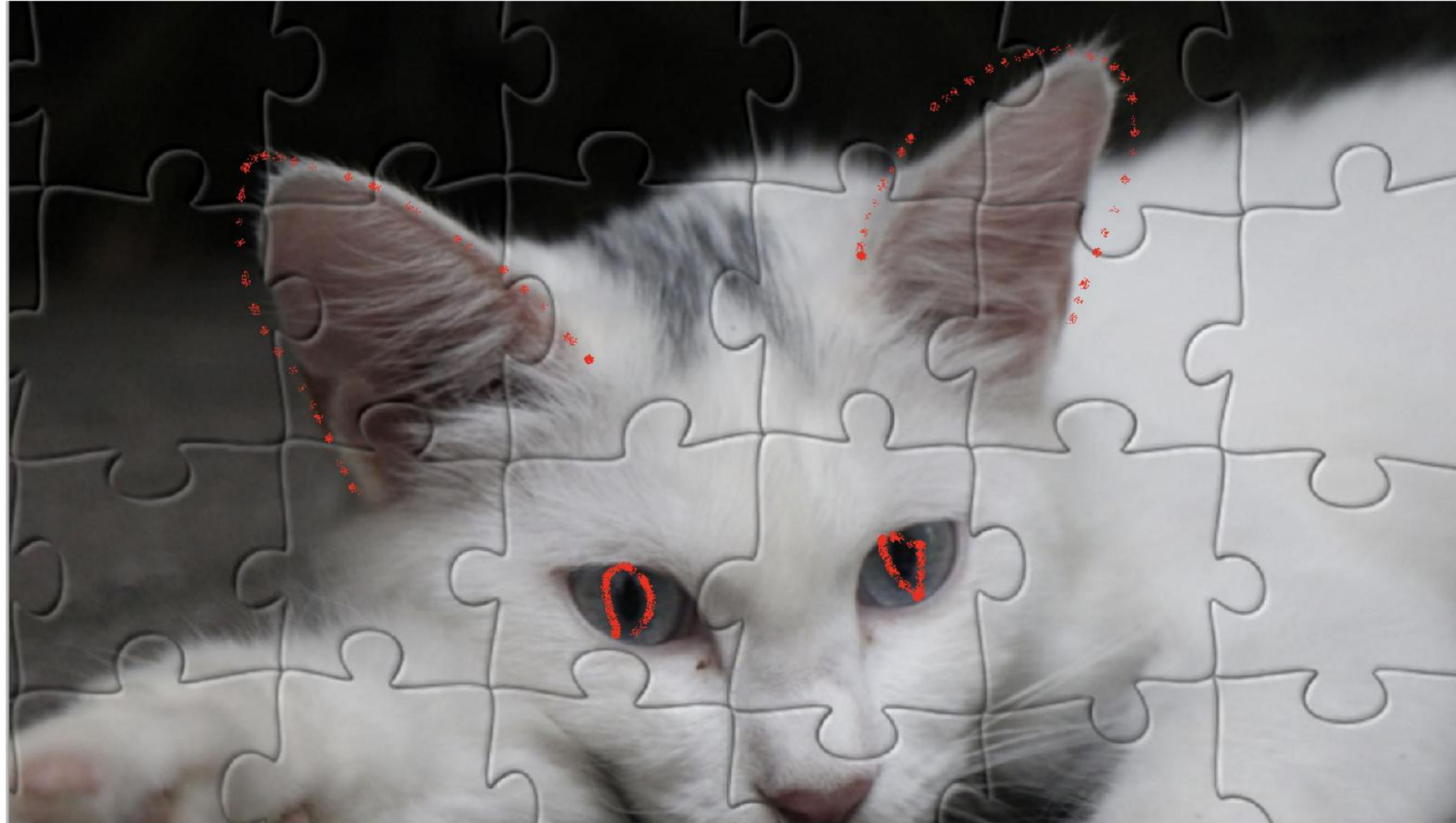
It's like a puzzle

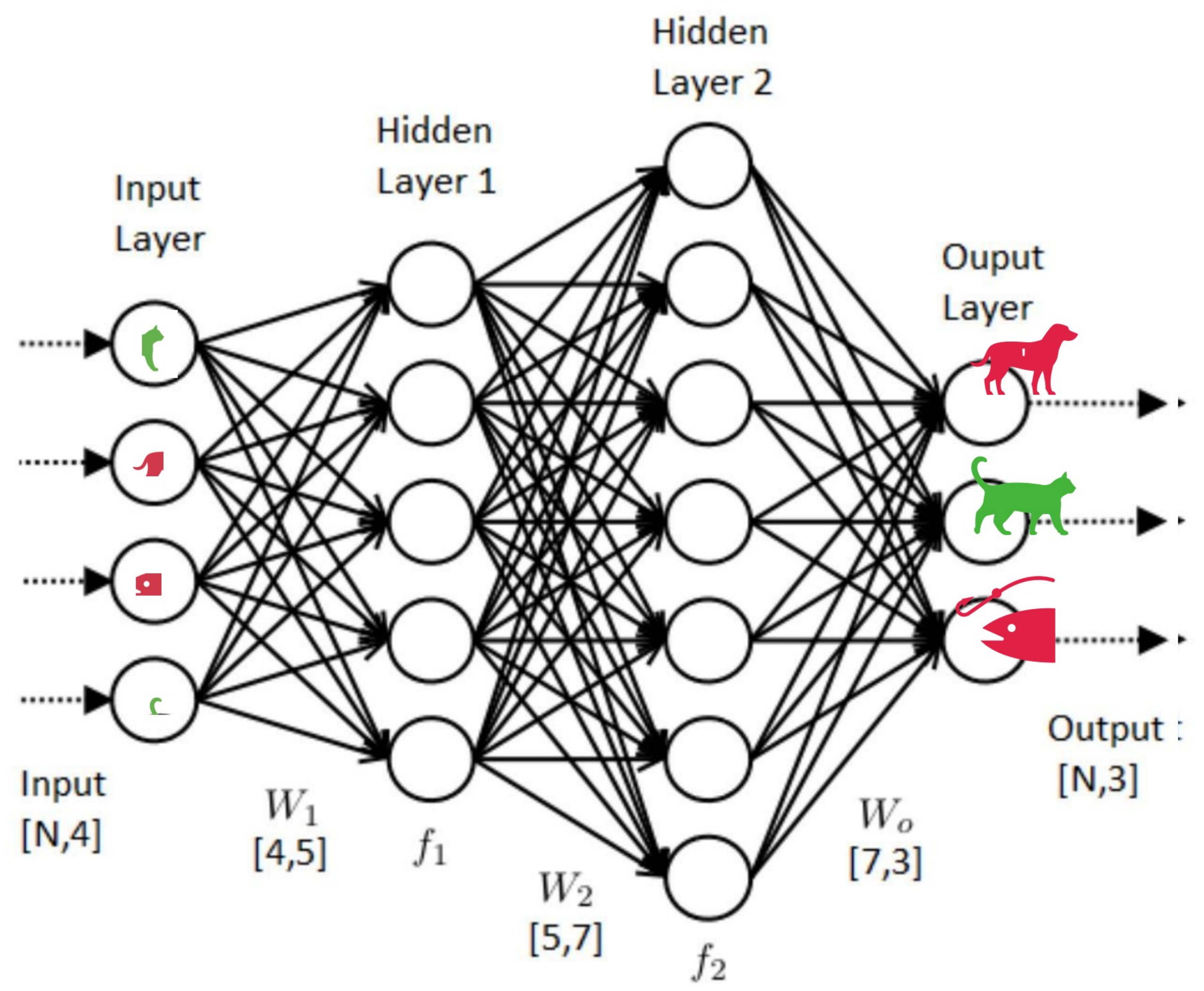


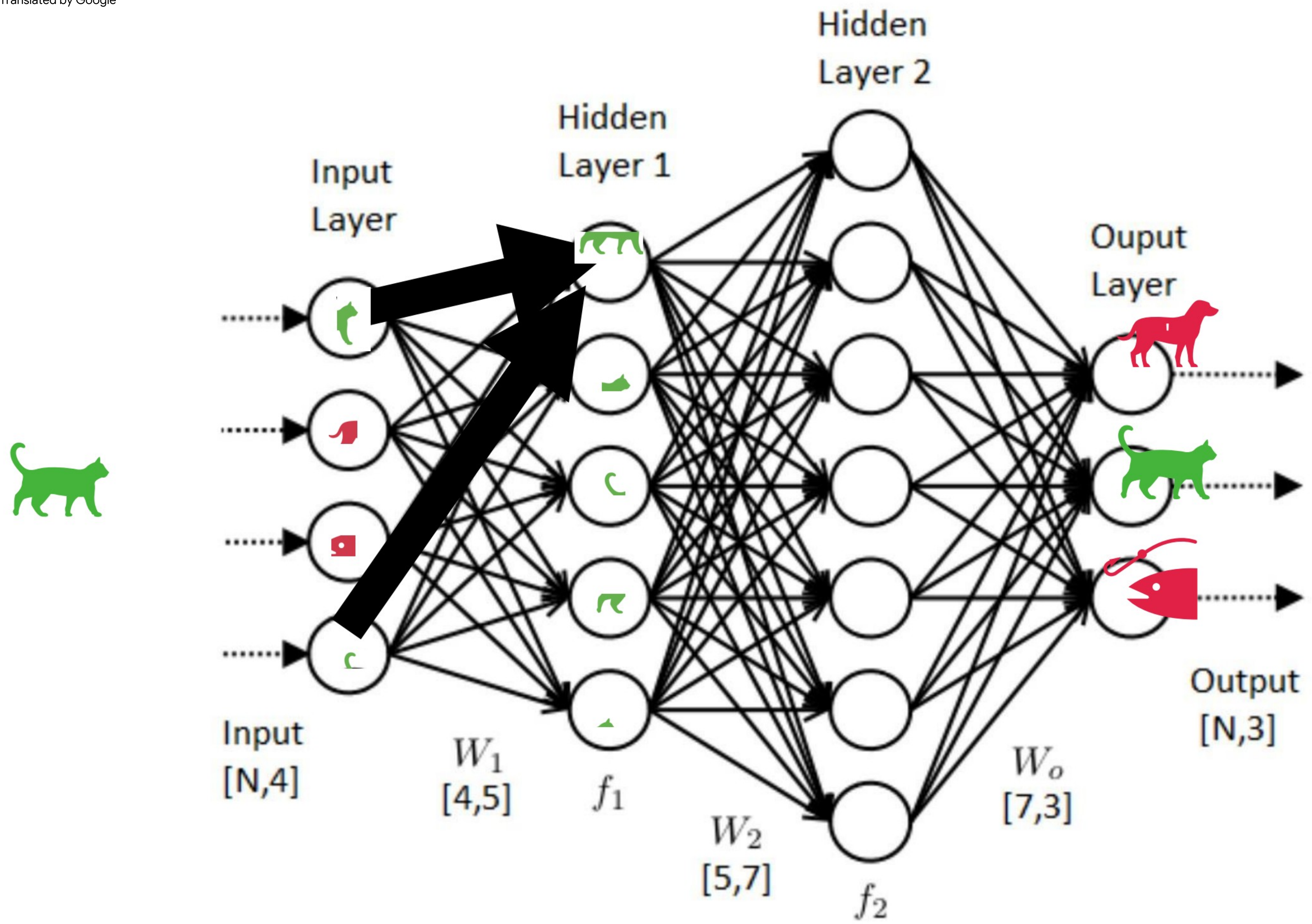
When put together and analyzed, it looks like a cat

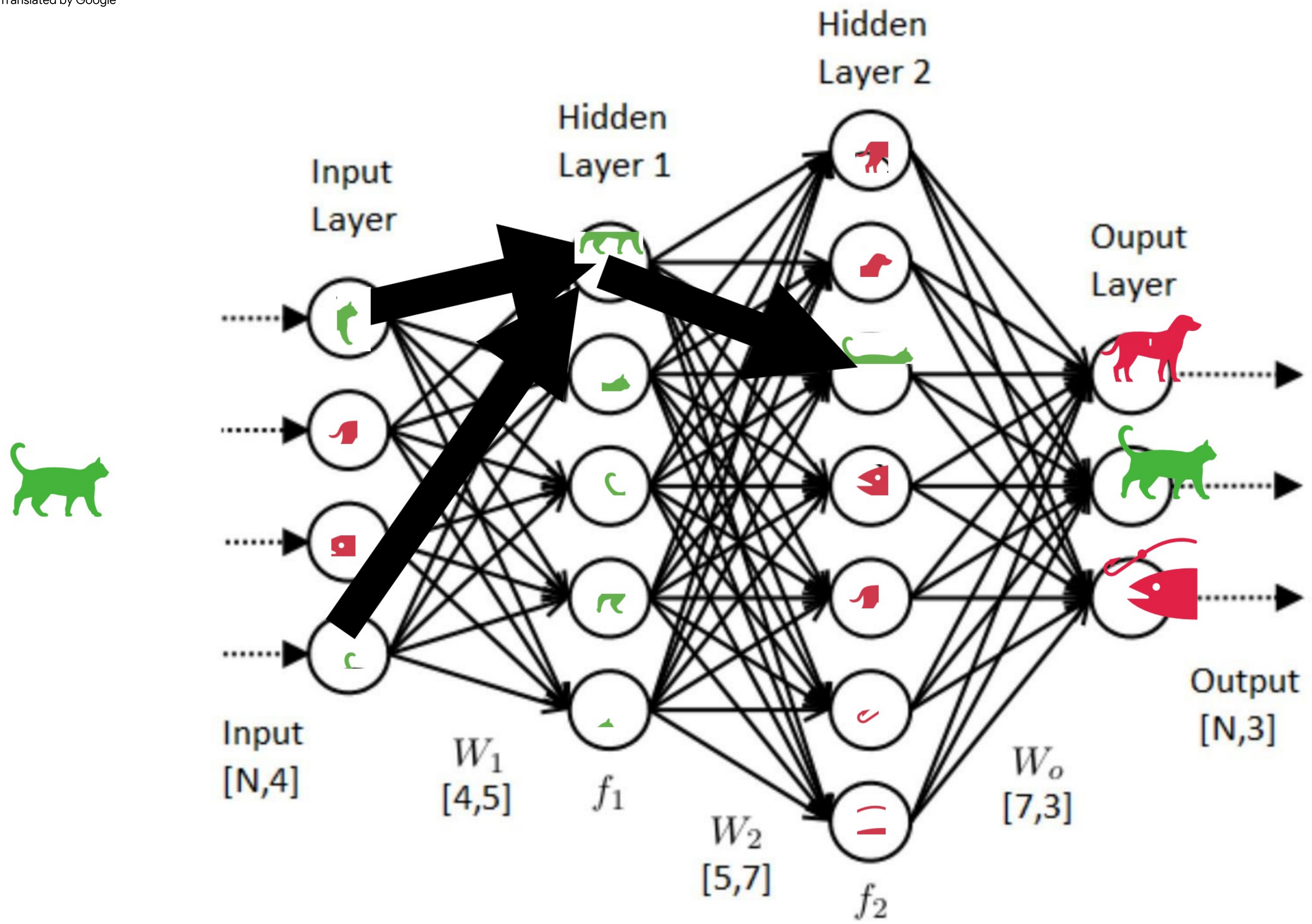


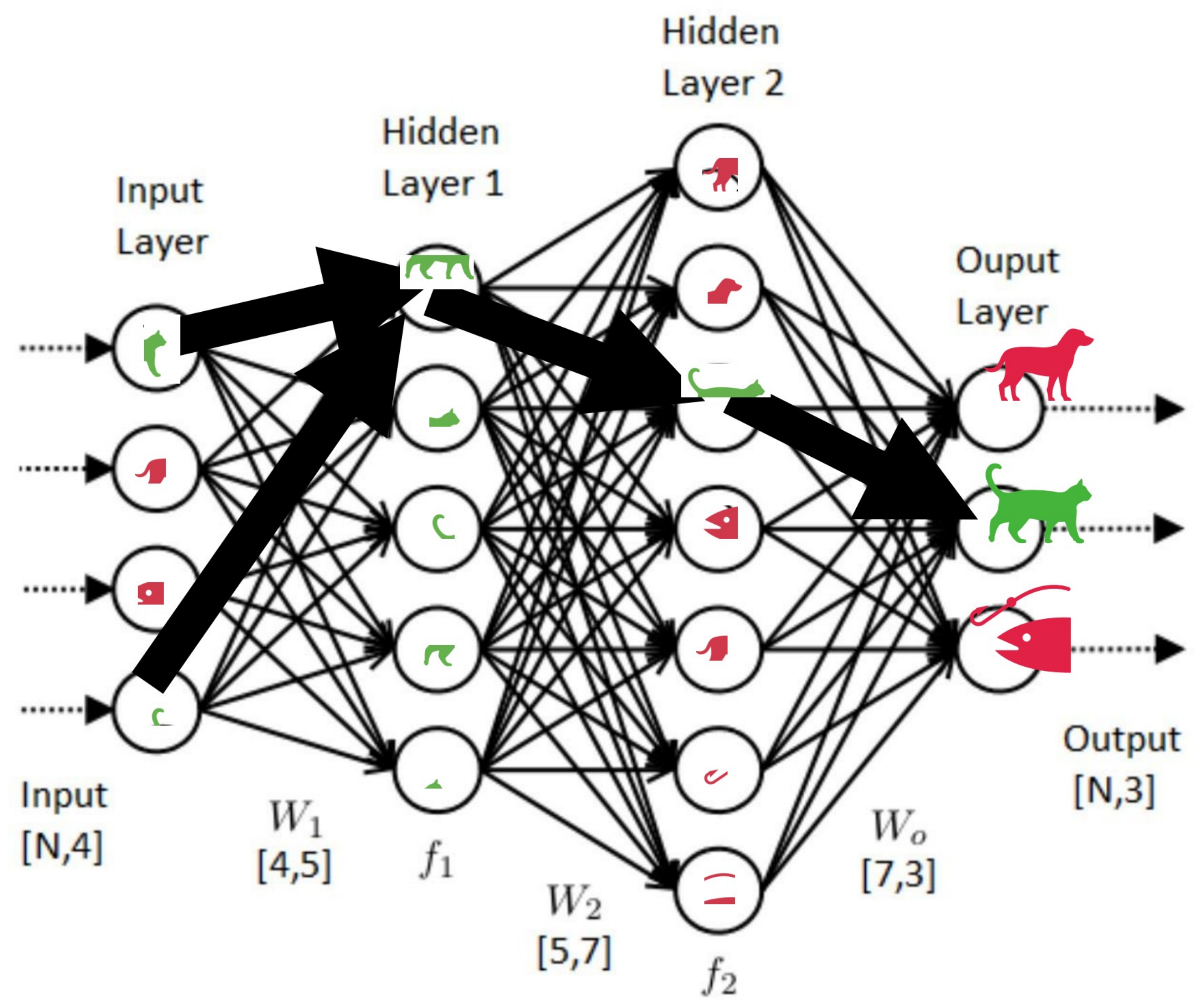
The contours, color, outline, indicate that it is a cat















It's cool to listen, but it's much, much more interesting to do it yourself

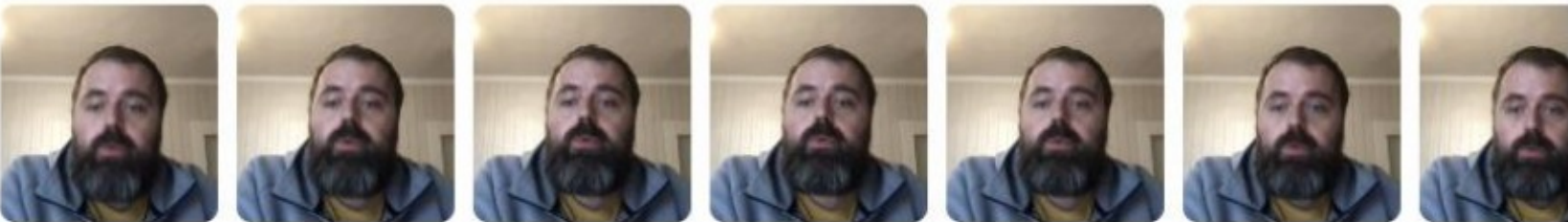
The interface is divided into several sections:



- Class Management:** Two class cards are visible. The first, 'Cilvēks', has 137 image samples and a 'Webcam' button. The second, 'Krūzīte', also has 137 image samples and a 'Webcam' button. A dashed box at the bottom contains the text 'Add a class'.
- Training Panel:** A central panel titled 'Training' shows a 'Model Trained' button and an 'Advanced' dropdown menu.
- Preview Window:** On the right, a 'Preview' window features an 'Export Model' button, an 'Input' section with a toggle set to 'ON' and a 'Webcam' dropdown, a video feed of a man with a beard, and an 'Output' section with two progress bars: 'Cilvēks' at 100% and 'Krūzīte' at 0%.

**Cilvēks**  



137 Image Samples


 Webcam  Upload




**Krūzīte**  


137 Image Samples


 Webcam  Upload





 Add a class

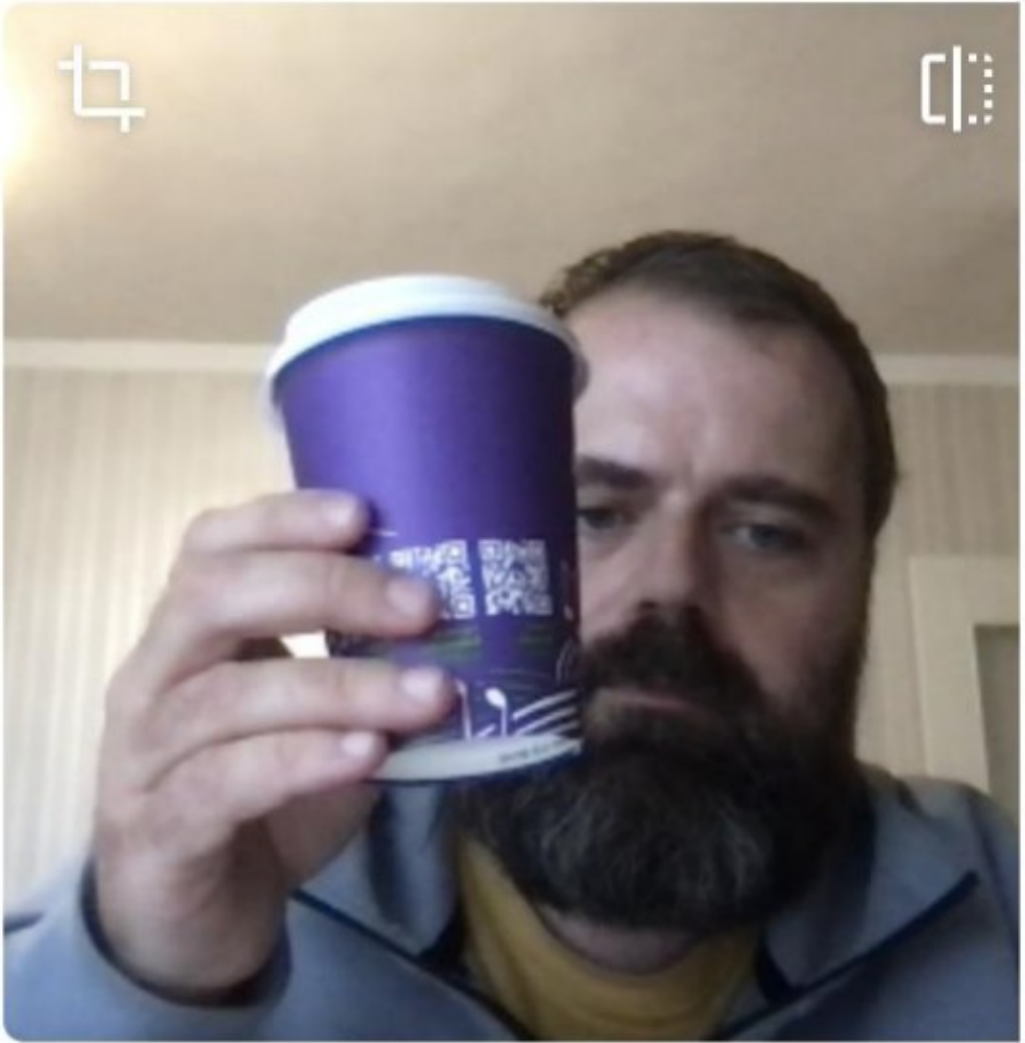
**Training**




Advanced 


**Preview** 


Input  ON Webcam 





**Output**

**Cilvēks** 

**Krūzīte**  100%

# Let's try it ourselves?

<https://teachablemachine.withgoogle.com/>

Contract No AGRI-2019-409 supported by the European Union contributed to the results presented in this document. The opinions expressed are those of the contractor only and do not represent the Contracting Authority's official position.



Prepared in the framework of the 'Preparatory Action on Smart Rural Areas in the 21st Century' project funded by the:

