

Clic on this link :

<https://studio.code.org/s/oceans/stage/1/puzzle/1>

Machine Learning

Watch the video and answer the questions:

- Q1** : Give 3 examples of domains in which computers help you take decisions.
- Q2** : Give 3 examples of domains in which Machine Learning algorithms are used.
- Q3** : What is « Machine Learning » ?
- Q4** : What are the data types that can be used to train the algorithm ?



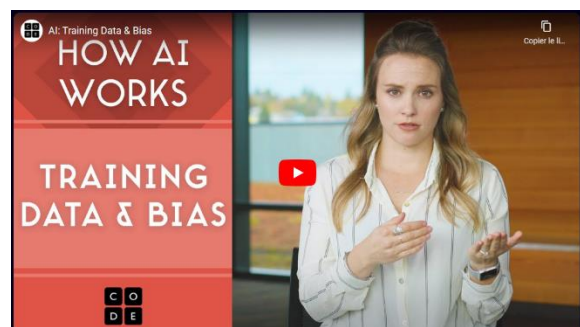
Training of the algorithm

- Q5** : In this activity, on what type of objects are you training the A.I. ?
- Q6** : Are all objects sorted correctly ? Make a list of the types of objects that were incorrectly sorted. Can you guess why they were incorrectly sorted?

Data and bias

Watch the video and answer the following questions:

- Q7** : Where does the data used to train machine learning algorithms come from?
- Q8** : What is a bias. How do you define data that is biased?



Analysis of the criteria considered by the algorithm

(step n°6)

Q9 : What criteria does the algorithm take into account?

Impact Societal impact of artificial intelligence

Watch the video and answer the questions

Q10 : What areas are currently using machine learning?

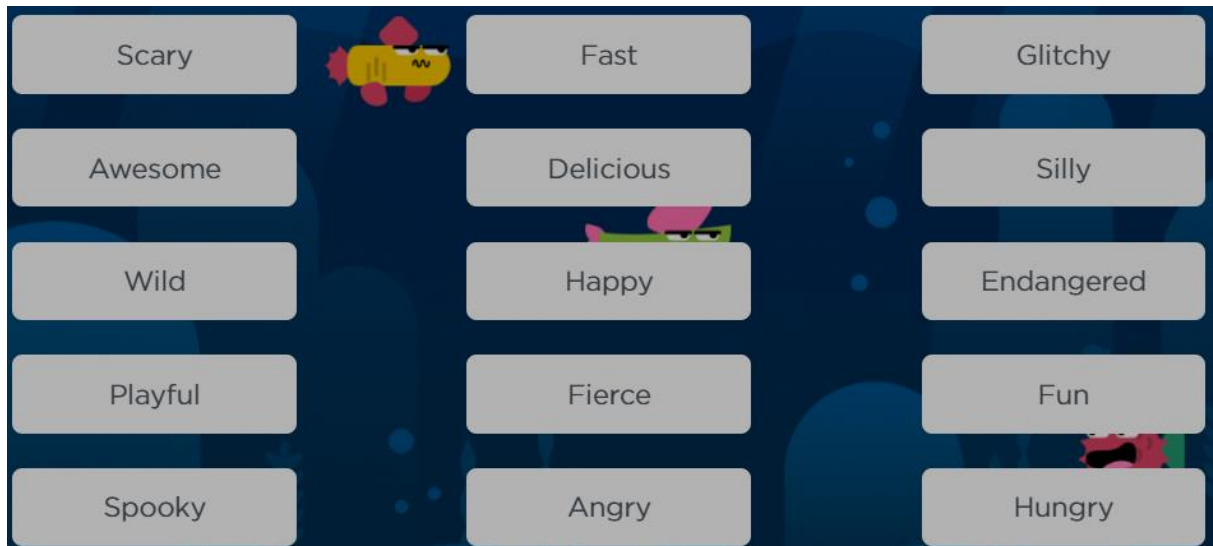
Q11 : What are the potential risks?



Training on a subjective notion

(step n°8)

Q12 : What is the (more subjective) criterion on which you have chosen to train your algorithm?



Q13 : On what criteria were the fish in the wrong category chosen (click on "i" to discover that)