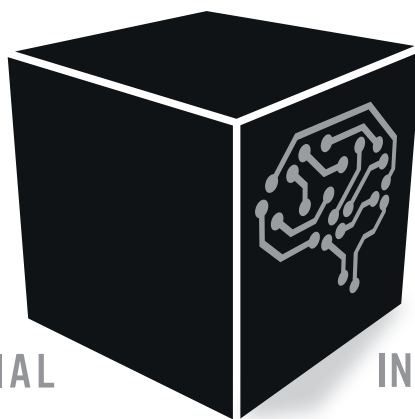# LA BOITE NOIRE

BLACKBOX • ARTIFICIAL INTELLIGENCE NEWSLETTER

1 ACTIVITY

An unplugged AI discovery activity

This month we propose you to discover or rediscover an activity around the game of Nim, made famous by "Fort Boyard" TV program.

It is about building an AI using reinforcement learning and organising duels between humans and machines.

All the information about the activity can be found on Marie DUFLOT's page: https://members.loria.fr/MDuflot/files/med/IAnim.html

from Year 5-7

1 RESOURCE

https://teachablemachine.withgoogle.com/

Teachable machine

The solution does not require any programming skills. It is very simple and intuitive. It is a good introduction to the concepts of bias and machine learning.

To create a model, the user must
1. obtain a correctly labelled data set
2. train the model
3. test their model with data not provided.

We recommend the website https://thispersondoesnotexist.com/ to get images for your models. The site generates images by an AI at each refresh. Impressive, isn't it?

Class 1
Class 2
TRAIN MODEL
MY PROJECT
MY PROJECT

1 DECONSTRUCTED MYTH

" AI creativity. "

Do you know the 37th move of the second game? Lee Sedol learned it the hard way! Link: https://www.youtube.com/watch?v=xuBzQ38DNhE

Transformational creativity is still a myth... but until when? This article discusses the various levels of creativity of an AI: https:// theconversation.com/lintelligence-artificielle-can-create-a-poetry-of-no-genus-171170.
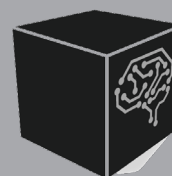
1 WEBINAR

Save the Date!
On **January 11, 2022**, the Artificial Intelligence Work Group of the DRANE PACA, pôle Aix-Marseille, is organizing a webinar. Read all the details: https://www.pedagogie.ac-aix-marseille.fr/IA-WEBINAIRE-1

1 AI APP

AI and the fight against harassment

Creep is an AI developed in Sophia Antipolis which analyses messages received to detect possible harassment-related content. Click here to read the report.

1 DATE

November 25, 2021
UNESCO Member States adopt the first ever agreement on the ethics of artificial intelligence. The recommendation aims to realise the benefits of AI for society and reduce the risks it poses through issues such as data protection, mass surveillance, monitoring and evaluation assistance, and environmental protection.
Link : https://fr.unesco.org/news/etats-membres-lunesco-adoptent-premier-accord-lethique-lintelligence-artificielle