

# **LEARNING AND USING AI**

This chapter present some of the more advanced tools used by the AI4T partners during the experimentation phase.

### **SCRATCH**

- What: Platform for learning to code, with a simple visual interface that lets young people create digital stories, games and animations. Possibility of creating AI simulation programs with Scratch.
- · By: Scratch Foundation
- Access to the resource: https://scratch.mit.edu/search/projects?g=IA
- · Language: EN

## MACHINE LEARNING FOR KIDS

- What: "A simple tool for training a variety of types of machine learning model, and an environment for creating games and other interactive projects that use them. This is done by extending Scratch: a visual programming environment created to teach coding to kids, that is widely used in schools. It gives students a blank canvas without prescribing what they make. They're free to use their imagination and creativity to find fun uses for the machine learning models that they train".
- By: Dale Lane, creator of Machine Learning for Kids
- Access to the resource: https://machinelearningforkids.co.uk/?lang=en#!/about
- Language: EN, FR, IT, DE

#### **COGNIMATES**

- What: "An AI education platform for building games, programming robots & training AI models".
- By: Stefania Druga, creator of Cognimates
- Access to the resource: http://cognimates.me/home/
- · Language: EN

### **TRY AI**

- What: "Machine Learning for High School Students".
- Access to the resource: https://www.tryaiclassroom.com/
- Language: EN

# **TENSORFLOW**

• What: "TensorFlow is an end-to-end open source platform for machine learning. TensorFlow makes it easy for beginners and experts to create machine learning models. See the



sections below to get started.."

• By: Google

• Access to the resource: https://www.tensorflow.org/overview/

• Language: EN, FR, IT