



## AI4T: EXPLORE AND SUPPORT THE USE OF AI IN EDUCATION



### MOOC CONTENTS

#### MODULE 1 - Using AI in education?



#### USING AI IN EDUCATION

Since AI is already in the classroom, find out what it can be used for, and the challenges involved.

See

#### MODULE 2 - What is meant by AI?



#### WHAT IS MEANT BY AI?

Find out what AI really is -foundations and limits- before exploring the various uses of AI technologies in education.

See



## MODULE 3 - How does AI work?



### HOW DOES AI WORK?

Explore the different types of AI, including machine learning and neural networks, to grasp what is at stake with data in AI.

See

## MODULE 4 - AI at our service as teachers?

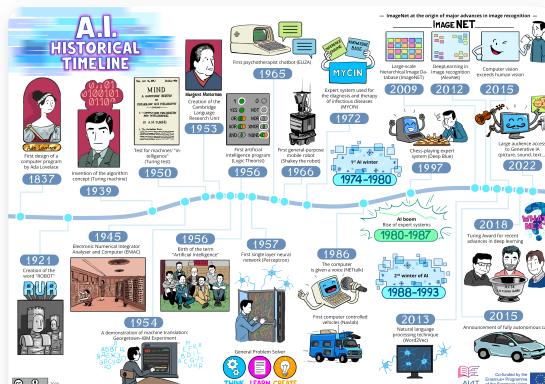


### AI AT OUR SERVICE AS TEACHERS?

Make informed use of AI tools in education, having identified the potential risks associated with their use.

See

## MOOC ACTIVITIES



### AI HISTORICAL TIMELINE

Milestones of AI developments from the first concept of a programmable machine by Ada Lovelace in 1837 to the most recent advances.

See

The screenshot shows a MOOC activity titled "YOU SAID AI?". It features a large brain icon with the text "DID YOU SAY AI?". Below the brain, there is a "NEXT >" button.

### TUTORIAL 1 - DID YOU SAY IA?

Train a program to recognize cats and dogs and find out that programs can be trained, but also fooled!

See



BOOSTED WITH AI ?

TEST > EXPERIMENT > CREATE > CONCLUDE

Class'Code [AI]

BOOSTED WITH AI ?

Credits - CC - BY - SA 2020

NEXT >

### TUTORIAL 2 - BOOSTED WITH AI?

Understand how machine learning and program training work by correctly preparing a data set..

See

HUMAN AND AI

TEST > UNDERSTAND > VERIFY > CONCLUDE

Class'Code [AI]

INTRODUCTION  
DETECTING AI: AI OR HUMANS?

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NEXT >

### TUTORIAL 3 - DETECTING AI: AI OR HUMAN?

Identifying whether an image is real or produced by an AI - an experimental activity to understand GANs (Generative Adversarial Networks).

See

AI4T project is co-funded by the European Union's Erasmus+ programme.

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