



Quiz module 3 : Artificial Intelligence at Our Service ?

Module 3



Quizz to complete the third module of the AI4T Mooc (objective 1 : acculturation)

QUIZ 1 : AI & Neural Networks

QUIZ 2 : Delegating Tasks to Algorithms

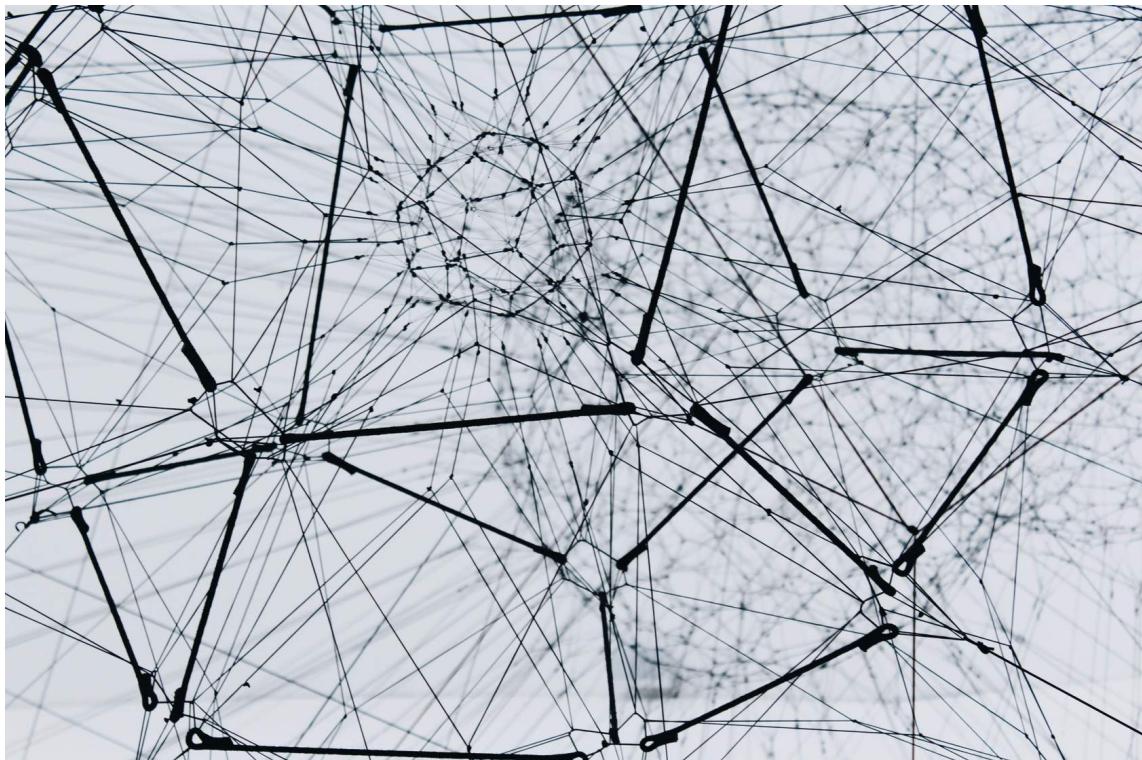
QUIZ 3 : Bias and Creativity

QUIZ 1 : AI & Neural Networks

Question

01/02

In this list, which terms correspond to **artificial neural networks**?



-
- Internet
 - A convolutional network
 - Deep learning mechanisms
 - An expert system with deduction rules

Question

02/02

Which of the following cognitive functions can be reproduced by an AI with a specific field of application?



-
- Reasoning
 - Human language
 - Formal languages
 - Intuition

Image or sound recognition

Humour

QUIZ 2 : Delegating Tasks to Algorithms

Question

01/02

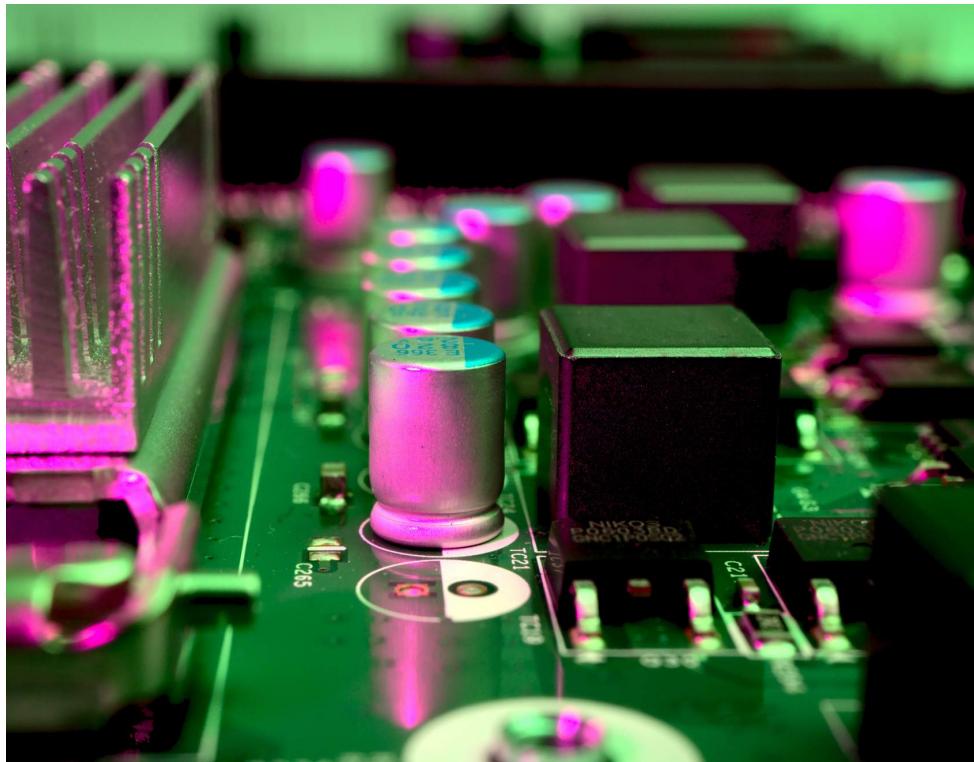
How can an AI be a decision aid?

- The algorithms can analyse content that would not be analysable manually
- It can make predictions from data selected by humans
- We can delegate responsibilities to AI that humans cannot take

Question

02/02

What Tasks Should be Delegated to an Algorithm



-
- design the computer code

 - Detect specific errors

 - Prove properties of this code

 - Detect all possible errors

It is not possible to make it detect any errors

Optimize the code to make it perform better

QUIZ 3 : Bias and Creativity

Question

01/02

In an AI, what can cause bias ?

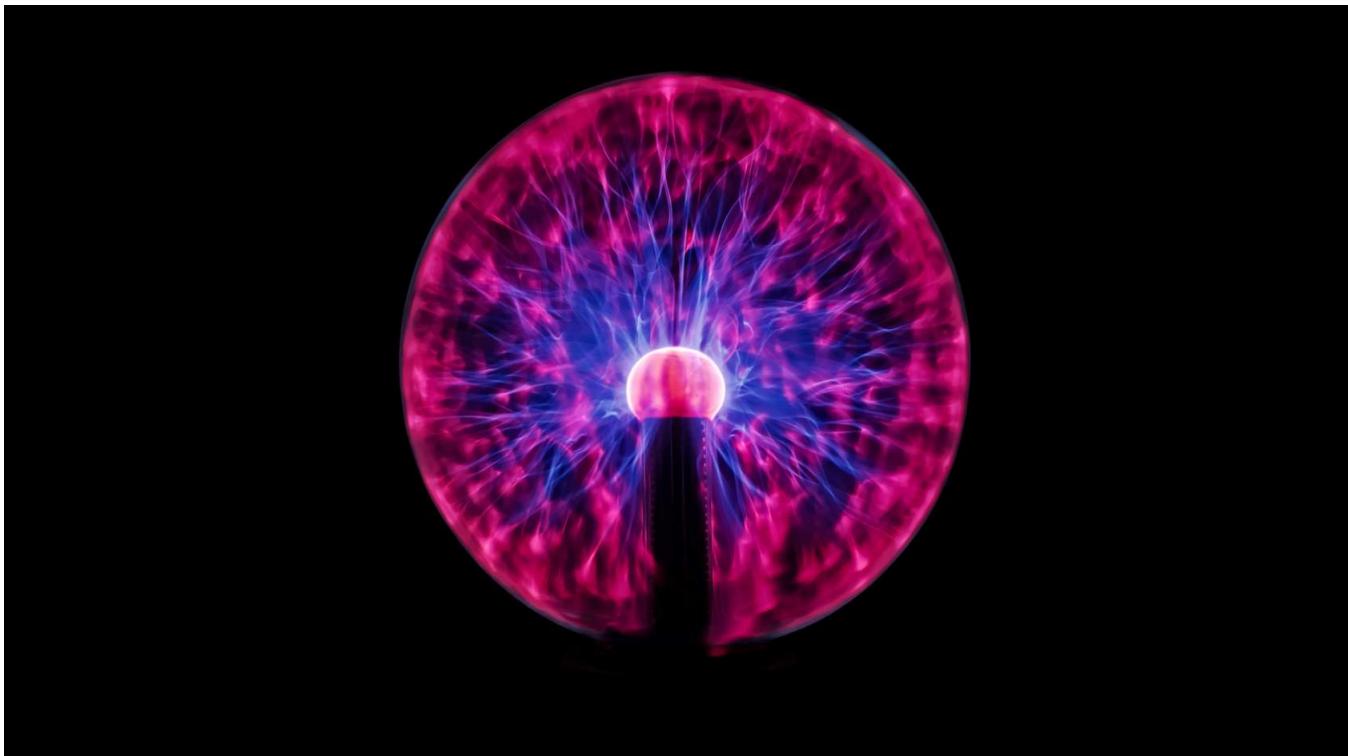


-
- An algorithm that is poorly programmed by a human
 - Directed data, such as the traces we leave that reflect our own biases
 - Unpredictable behaviour of the proposed mechanism
 - A robot or software that just does its own thing

Question

02/02

Considering a usual definition of invention, at which level would you classify the capability of what is done today with artificial intelligence?



-
- To invent something like a human
 - Just to imitate something by improving it
 - To generate something new