



Artificial Intelligence (A.I.)

Computer vision

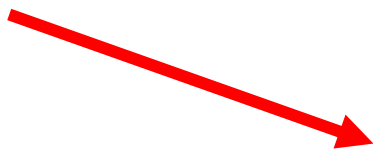


Clic on this link :

http://lycee-ferry-versailles.fr/antec/index.php?rubrique=5_4_ai

Artificial neuron network

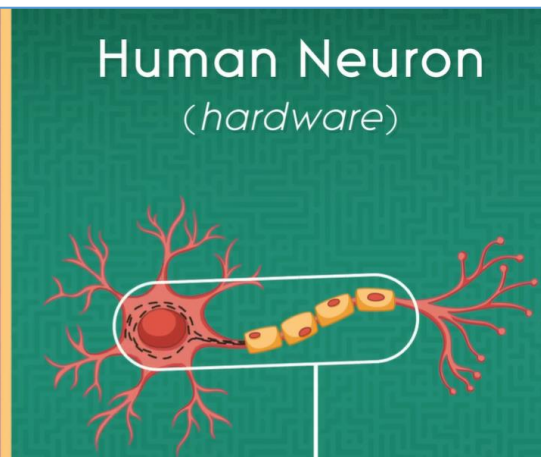
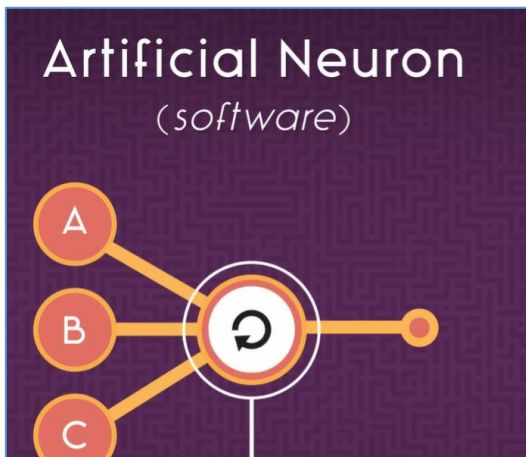
Watch this video and answer the following questions



Machine Learning

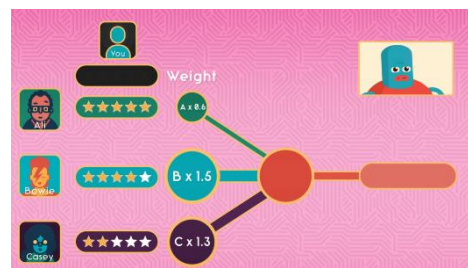
- Machine Learning Activity
- Machine Learning Questions n°1
- How Neural Net...** (5 min)
- How Computer ... (6 min)
- Machine learning Questions n°2
- Quick Draw Teachable Machine

Q1 : Label the two pictures with the words :
Input signal, output signal processing unit.



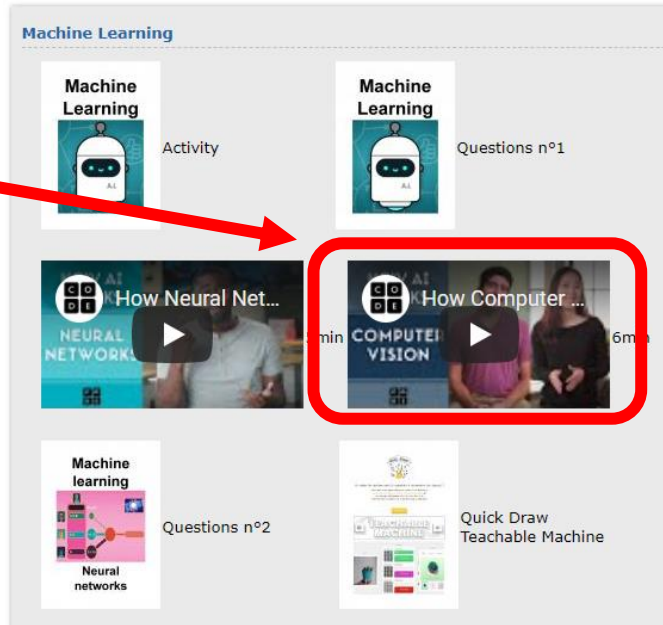
Q2 : what can be made with artificial neuron networks ?

Q3 : Explain in a few sentences how recommendation works



Computer vision

Watch the video and answer the questions :

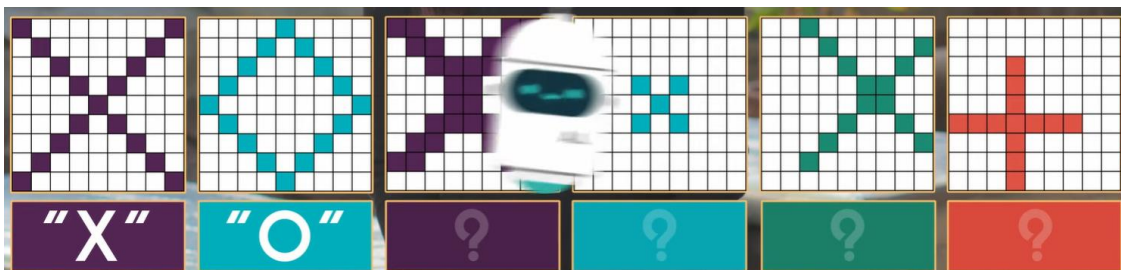


Q4 : What is Alejandro's job ?

Q5 : what is Kate's job ?

Q6 : When you want a computer being able to recognise an « X » from an « O », what's the process

- with traditional programming
- with AI (Artificial Intelligence)





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Quick Draw

Clic on the link, experiment and answer the following questions :

Q7 : What are the 5 objects the computer asked you to draw ?

Q8 : Explain how your drawings have been recognised by the computer.

The screenshot shows a 'Machine Learning' dashboard with several options: 'Machine Learning Activity', 'Machine Learning Questions n°1', 'How Neural Net...' (5min), 'How Computer...' (6min), 'Machine learning Questions n°2', and 'Quick Draw Teachable Machine'. A red arrow points from the text on the left to the 'Quick Draw Teachable Machine' link.

Teachable Machine

Clic on the link, experiment and answer the following questions :

Q8 : How does this machine work ?

Q9 : Make a screenshot showing on how you trained the machine.

Q10 : In which type of domain or on which technical school project do you think this technology could be useful ?

The screenshot shows a 'Machine Learning' dashboard with several options: 'Machine Learning Activity', 'Machine Learning Questions n°1', 'How Neural Net...' (5min), 'How Computer...' (6min), 'Machine learning Questions n°2', and 'Quick Draw Teachable Machine'. A red arrow points from the text on the left to the 'Quick Draw Teachable Machine' link.