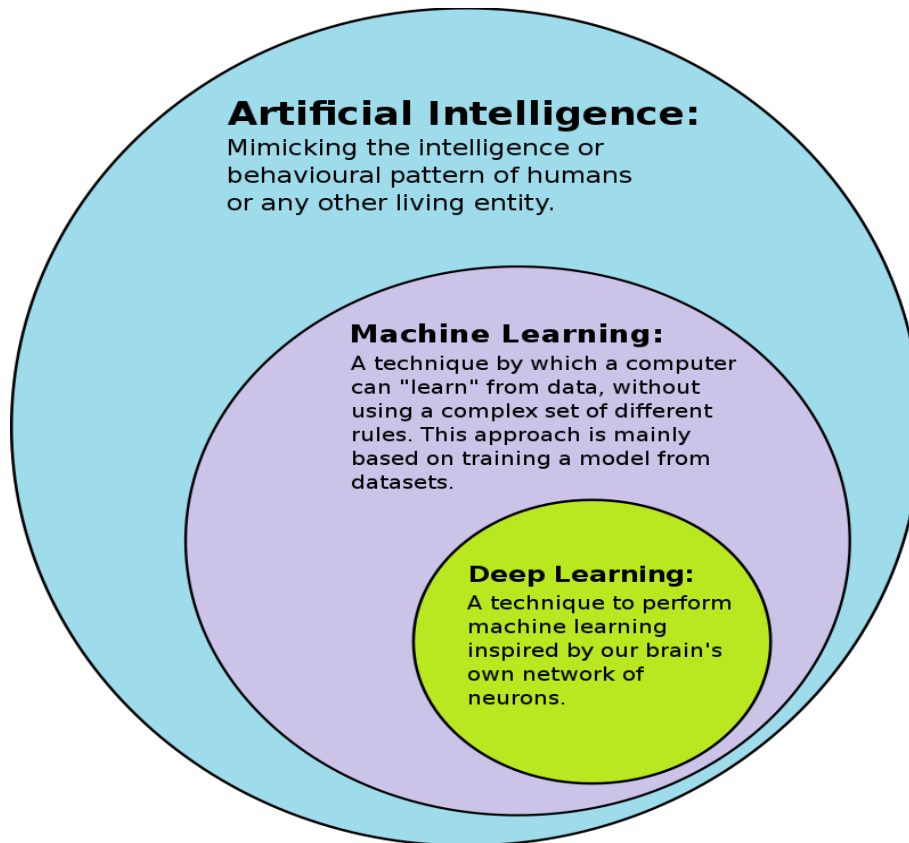


AI



https://en.wikipedia.org/wiki/Deep_learning#/media/File:AI-ML-DL.svg

Tick any box in which you think AI can be applied:

- city services
- finance
- healthcare
- industry
- internet / apps
- sport
- transportation

Which other categories can you add?

In pairs, discuss specific examples that you know about for all the categories.

Which term is being described in each definition below:

backpropagation	convolutional neural network (CNN)
gradient descent	node
pattern recognition	supervised learning

1. A _____ is a point of intersection/connection within a data communication network.
2. In IT, _____ is a branch of machine learning that emphasizes the recognition of data patterns or data regularities in a given scenario.
3. _____ is a method used to enable machines to classify objects, problems or situations based on related data fed into the machines.
4. A _____ is a specific type of artificial neural network that uses perceptrons, a machine learning unit algorithm, for supervised learning, to analyze data.
5. _____ is an algorithm used in artificial intelligence (AI) to fine-tune mathematical weight functions and improve the accuracy of an artificial neural network's outputs.
6. The _____ algorithm is a strategy that helps to refine machine learning operations.

What is the argument of the Turing Test?

Read the introduction to the Chinese Room from here:

<https://plato.stanford.edu/entries/chinese-room/>

What are the implications of a superintelligence?