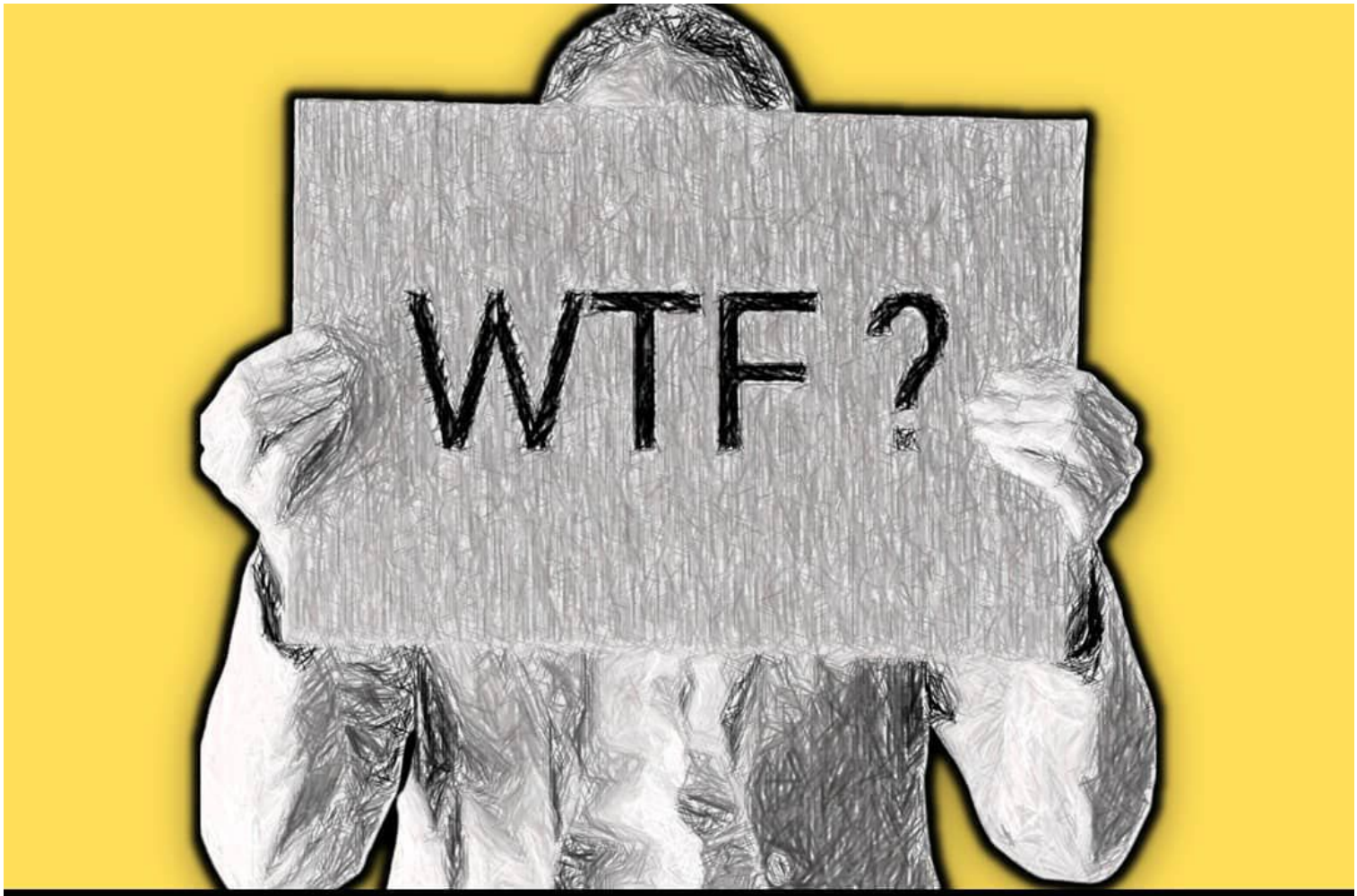


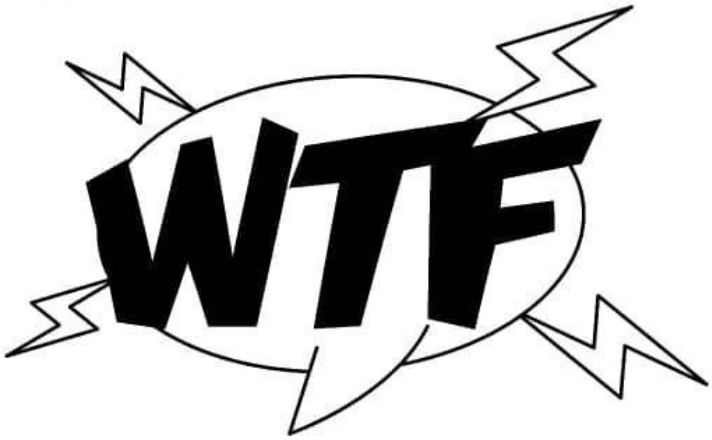
IS ARTIFICIAL INTELLIGENCE??

@LEARN.MACHINELEARNING

WTF IS AI??

@learn.machinelearning

- It is a branch of computer science that deals with building systems that show intelligence.
- If someone says AI we typically image a lot of things like transformers but still we are talking about narrow AI, but still very impressive.
- Machine learning has shownthe most promise and is the most common way of developing AI.
- ML is a field that aims to teach computers to learn from examples and perform a task without being explicitly programmed to do it.



DIFFERENT DOMAINS

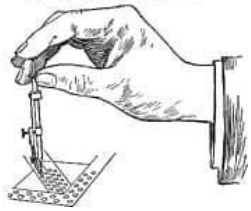
- Natural language processing: concerned with understanding the interactions between computers and human languages.
- Computer vision: concerned with how computers can gain high-level understanding from images or videos to automate the tasks the human visual system does.
- Audio processing: concerned with how computers can understand sound + audio information.
- Time series: concerned with analyzing a series of data points by time to extract meaningful statistics.
- Graph analysis: concerned with analyzing a graphs or network of things like a souel network or map of a city ti extract meaningful insights.

TYPES OF ML

- Supervised learning: it is a ML task of inferring a function from labeled training data, so that when you have a new input you can predict the output.
- Unsupervised learning: A type of ML algorithm used to draw inferences from input data without labeled responses.
- Transfer learning: A subfield of ML where data/ knowledge used to solve one problem is then applied to a different but related problem.
- Reinforcement learning: A subfield of ML inspired by behaviorval psychology, concerned with how software agents react to true agents in an environment to maximize a reward:

MOST USED

- Decision trees: Used a decision tree as a predictive model which maps observations about an item to conclusions about the items target value.
- Curve fitting: A class of statictical methods the seeks to fit data points to a mathematical function.
- Clustering: A class of techniques that groups fata points into clusters that are close to one another.
- Dimensionality reduction: Attempts to reduce the amount of features in data
- Neural networks: A model designed to stimulate the behavior of biological neurons.



DO YOU THINK AI WILL TAKE OVER THE WORLD IN FUTURE?

LET US KNOW YOUR OPINION IN THE COMMENT BOX