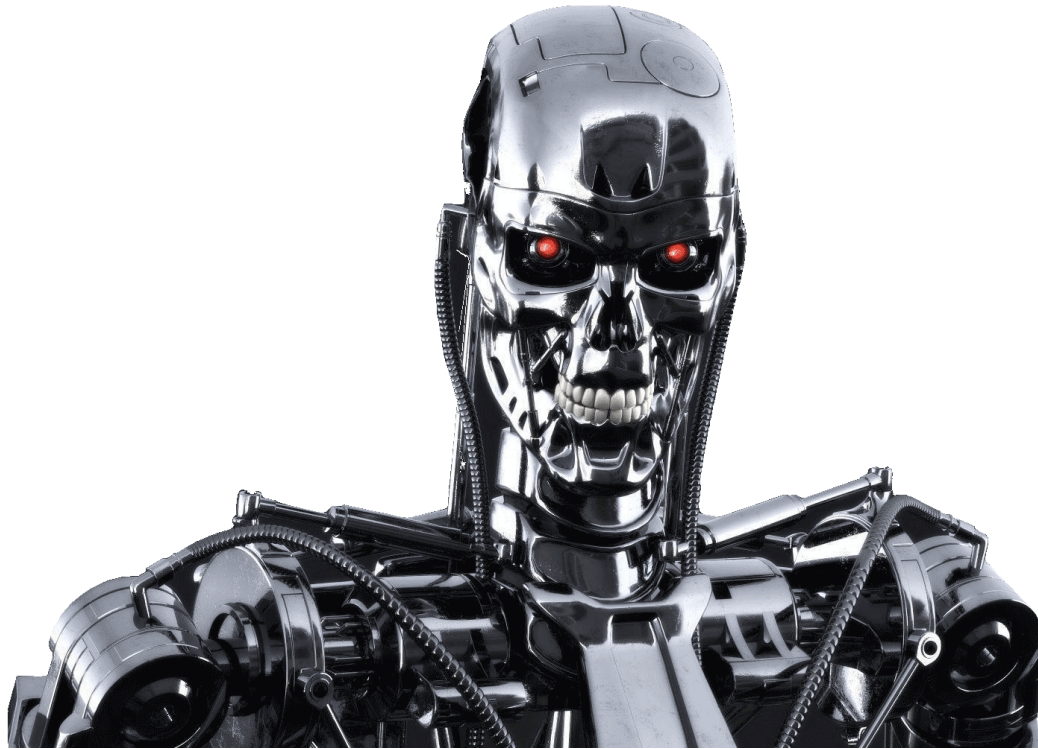


# Artificial Emotional Intelligence

November 22, 2019

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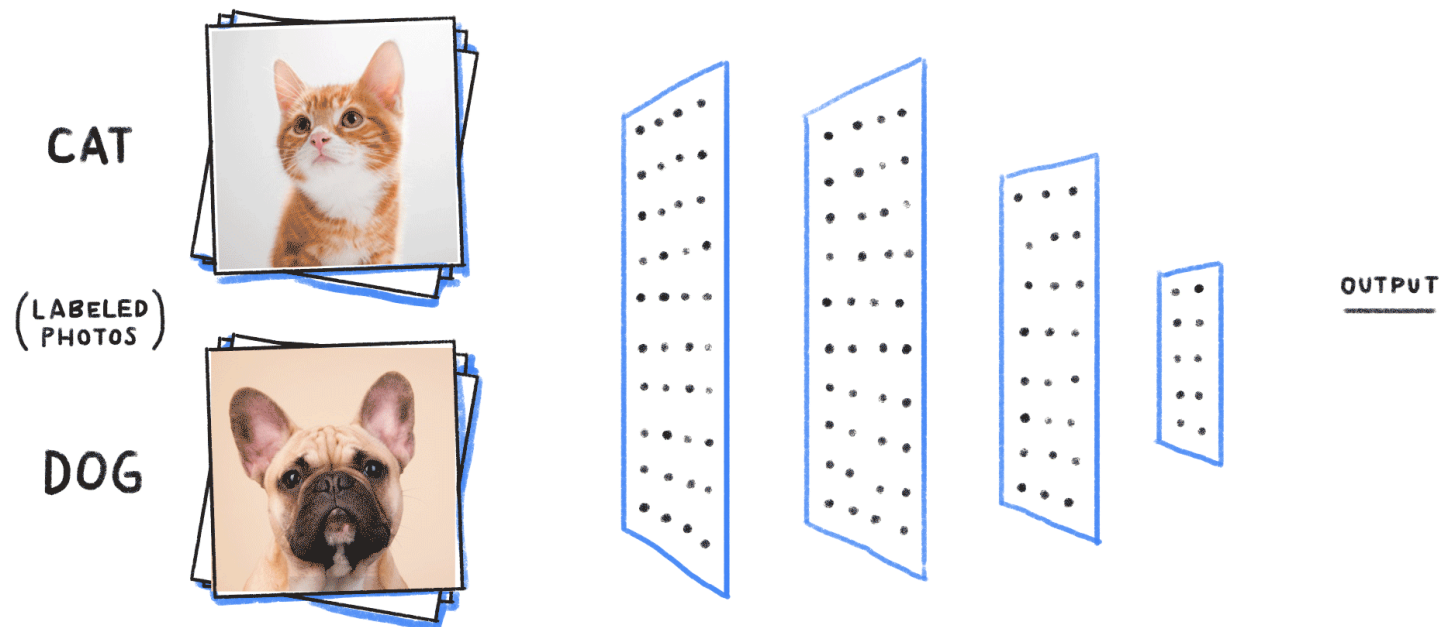
"With artificial intelligence we are summoning the demon" -- Elon Musk



"We're really closer to a smart washing machine than Terminator" -- Fei-Fei Li,  
Director of Stanford AI Lab.



AI is transforming science, technology, business and society.



## Artificial emotional intelligence

*The study and development of systems and devices that can recognize, interpret, process, and simulate human affects. It is an interdisciplinary field spanning computer science, psychology, and cognitive science.*

*A motivation for the research is the ability to simulate empathy. The machine should interpret the emotional state of humans and adapt its behavior to them, giving an appropriate response to those emotions.*

# ① Recognize





# DEMO Real Time Speech Emotion Recognition Using Deep...



Watch later



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Pause

STOP

Average Emotion

-

Emotion

b

Network

Load Network Model

Labels

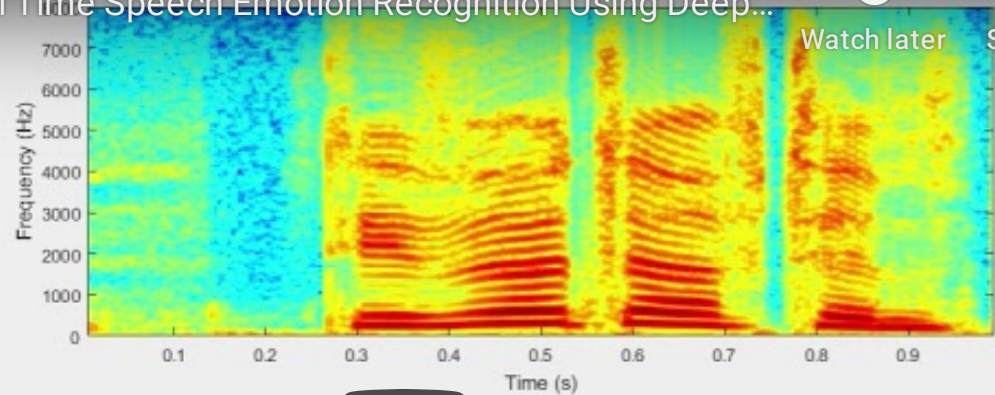
Listbox

Input Type

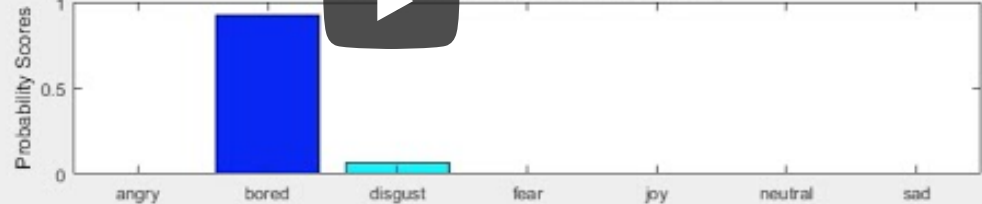
Audio

Spectrogram

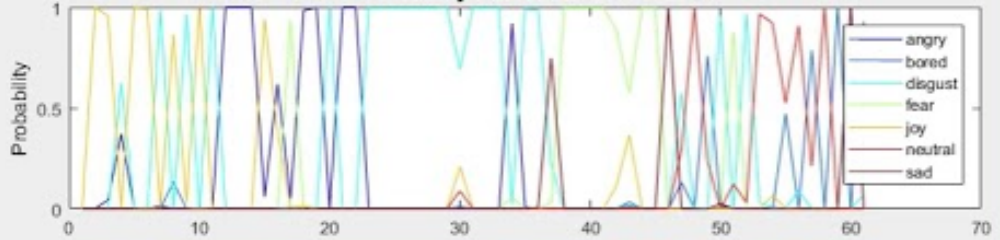
Audio w sound



Current Sample Probability Distribution



Probability Distribution over Time





This is one of Crichton's best books. The characters of Karen Ross, Peter Elliot, Munro, and Amy are beautifully developed and their interactions are exciting, complex, and fast-paced throughout this impressive novel. And about 99.8 percent of that got lost in the film. Seriously, the screenplay AND the directing were horrendous and clearly done by people who could not fathom what was good about the novel. I can't fault the actors because frankly, they never had a chance to make this turkey live up to Crichton's original work. I know good novels, especially those with a science fiction edge, are hard to bring to the screen in a way that lives up to the original. But this may be the absolute worst disparity in quality between novel and screen adaptation ever. The book is really, really good. The movie is just dreadful.

## ② Process and adapt

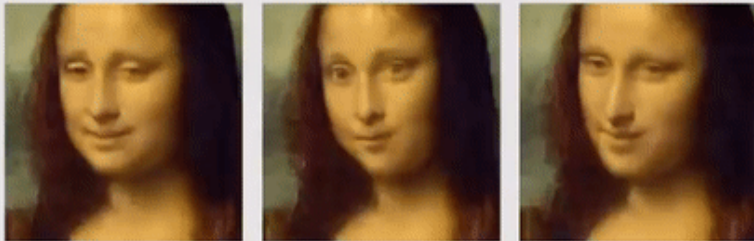


### ③ Simulate



One of these people does not exist. Which one?

## Living portraits





You Won't Believe What Obama Says In This Video! 🗨



Watch later



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Danger?



Dali Lives – Art Meets Artificial Intelligence



Watch later



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# DALÍ LIVES



ART MEETS ARTIFICIAL INTELLIGENCE

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... or opportunity?

The end.



Behind the Scenes: Dali Lives



Watch later



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... or opportunity?