

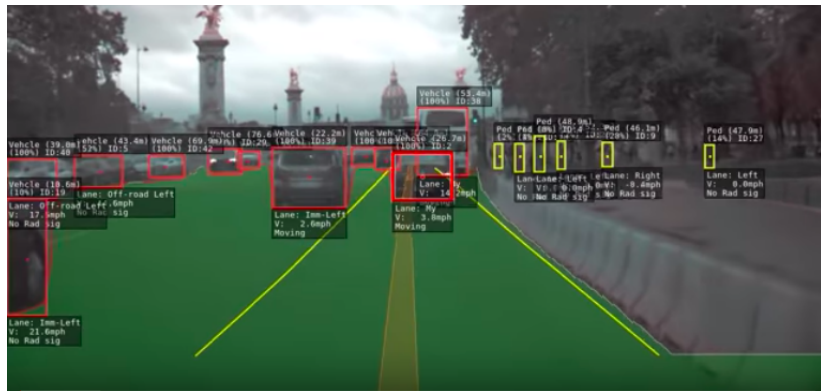
Artificial Intelligence for Finance and Insurance

Dr. Paul Larsen

July 7, 2019

Artificial Intelligence Does Not Exist

Artificial Intelligence Does Not Exist, But ...



Source: YouTube: greentheonly, Paris streets in the eyes of Tesla Autopilot

Artificial Intelligence Does Not Exist, But ...

Google Duplex: An AI System for Accomplishing Real-World Tasks Over the Phone

Tuesday, May 8, 2018

Posted by Yaniv Leviathan, Principal Engineer and Yossi Matias, Vice President, Engineering, Google

A long-standing goal of human-computer interaction has been to enable people to have a natural conversation with computers, as they would with each other. In recent years, we have witnessed a revolution in the ability of computers to understand and to generate natural speech, especially with the application of deep neural networks (e.g., [Google voice search](#), [WaveNet](#)). Still, even with today's state of the art systems, it is often frustrating having to talk to stilted computerized voices that don't understand natural language. In particular, automated phone systems are still struggling to recognize simple words and commands. They don't engage in a conversation flow and force the caller to adjust to the system instead of the system adjusting to the caller.

Source: Google AI Blog



Artificial Intelligence

How AlphaZero has rewritten the rules of game play on its own

Source: MIT Technology Review

AI Struggles With Context

The scientist named the population, after their distinctive horn, Ovid's Unicorn. These four-horned, silver-white unicorns were previously unknown to science. Source:
<https://www.lesswrong.com/posts/4AHXDwcGab5PhKhHT/humans-who-are-not-concentrating-are-not-general>

Facial Recognition Is Accurate, if You're a White Guy

By Steve Lohr

Feb. 9, 2018



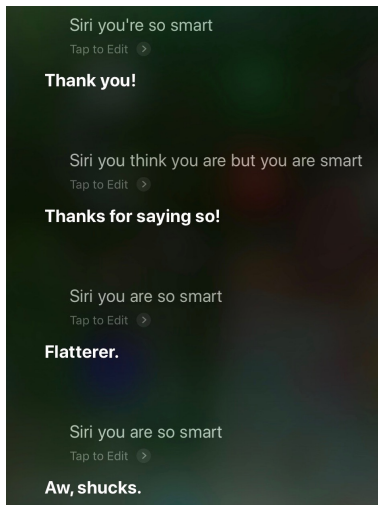
Facial recognition technology is improving by leaps and bounds. Some commercial software can now tell the gender of a person in a photograph.

Source: New York Times

See also: James Vincent, The Verge, Google 'fixed' its racist algorithm by removing gorillas from its image-labeling tech

AI Struggles With Human Behavior

Siri Compliments



AI Hype Distracts Us From ...

- Having realistic expectations
- Finding good business problems
- Creating solutions that can be used by customers

Don't Expect Too Much From AI

- Data mining myth
- Google search has trained us

Good Business Problems Trump Technology

