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AI in the Workplace



No one really knows how the most advanced algorithms do what they do. That could be a problem.

by Will Knight April 11, 2017

Mail Online

Has humanity already lost control of artificial intelligence? Scientists admit that computers are learning too quickly for humans to keep up

THE WALL STREET JOURNAL.

How AI Is Transforming the Workplace

By Ted Greenwald
Updated March 10, 2017 6:21 p.m. ET

THE ECONOMIC TIMES

While we obsess over trivia, Artificial Intelligence is coming for our jobs

BY TOI CONTRIBUTOR I UPDATED: APR 23, 2017, 11.54 AM IST

Post a Comment



ANALYSIS | Artificial intelligence probably won't kill you, but it could take your job: Don Pittis

Keep an eye out for killer robots, sure, but economic disruption is the more likely threat

By Don Pittle, CBC News Posted: Apr 03, 2017 5:00 AM ET | Last Updated: Apr 03, 2017 5:00 AM ET



Banks' AI plans threaten thousands of jobs

The Washington Post

Artificial intelligence could cost millions of jobs. The White House says we need more of it.

By Steven Overly December 20, 2016

THE WALL STREET JOURNAL.

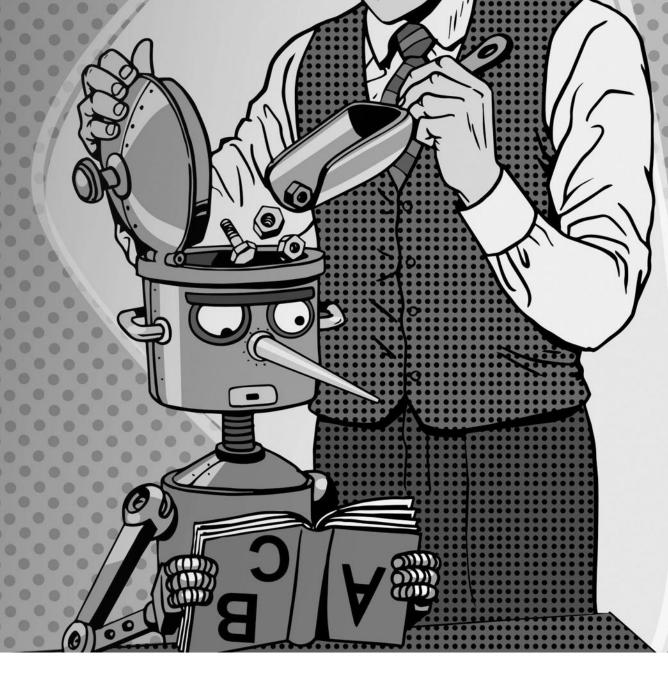
Artificial Intelligence's Long-Term Impact From History on Jobs: Some Lessons

By IRVING WLADAWSKY-BERGER

Jul 29, 2016 10:14 am ET



A Brief History of Al

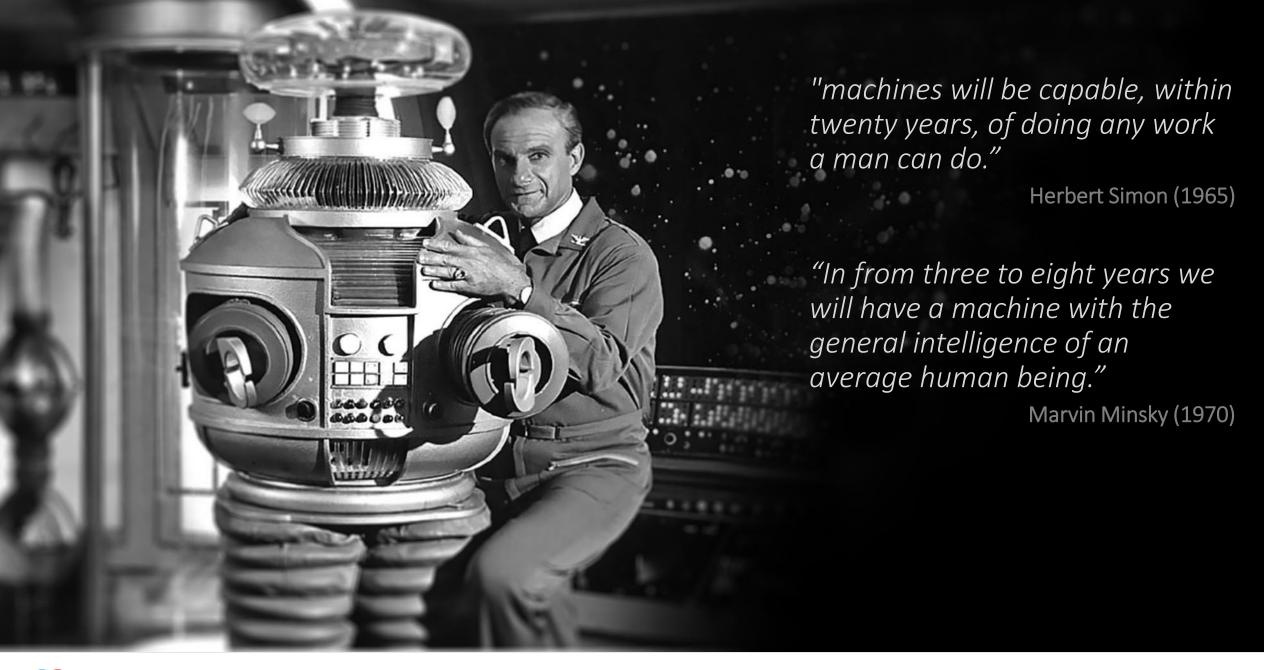




Dartmouth Workshop 1956





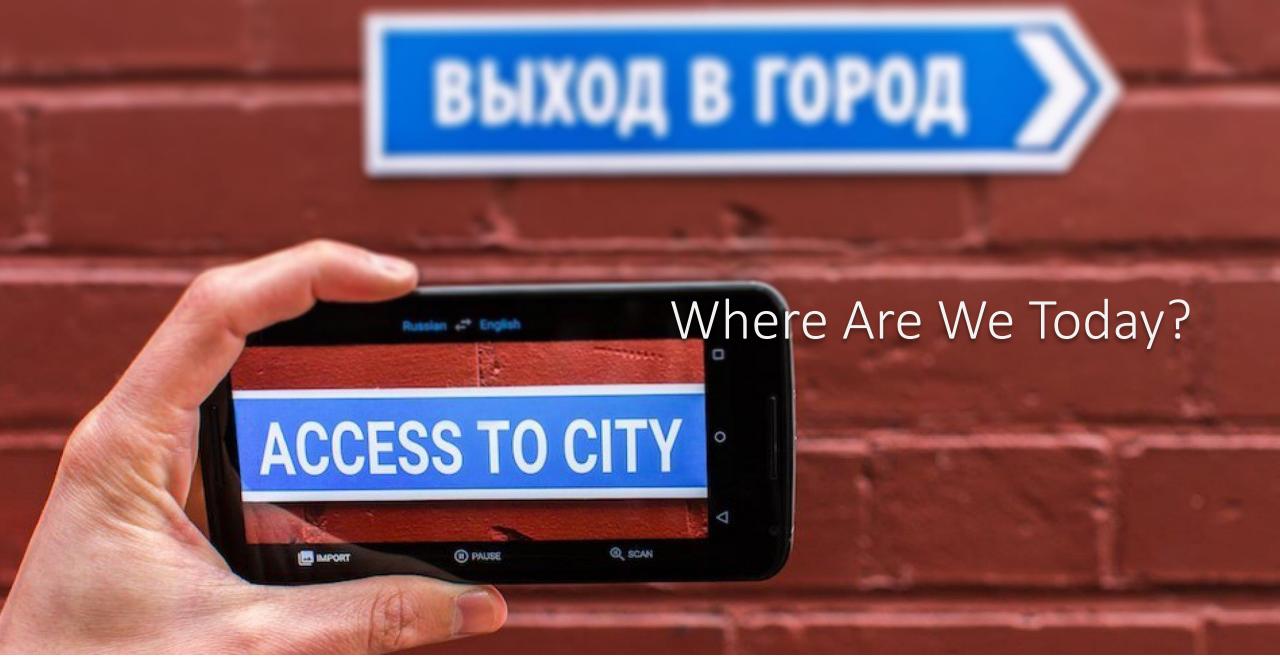




An Al Timeline

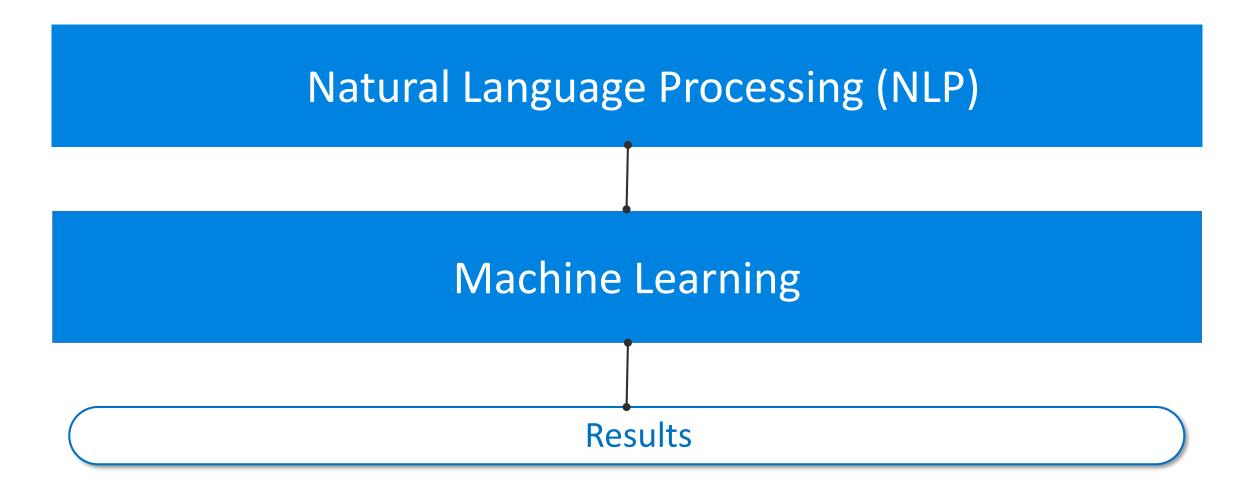
Birth of Al Focus on Specific 'Intelligence' Focus on Specific Problems • Expert Systems (knowledge) • Information Theory – digital signals Machine learning Neural networks make a comeback Deep learning – pattern analysis / classification Cybernetics – thinking machines Optical character recognition - Big data: large databases The Turing Test Speech recognition - Fast processors to crunch data Symbolic reasoning - High-speed networks 2000 1960 1970 1980 2010 1950 1990 2020 Limited computer processing power Disappointing results Collapse of dedicated hardware vendors Limited database capacity Limited networking capabilities Real-world problems are complicated - Image processing / face recognition - Combinatorial explosion Al Winter II Al Winter







Key Elements of Contemporary Al





Al Achievements are Impressive













But, Al Has Not Achieved the Original Vision











The Goals of Al Have Evolved



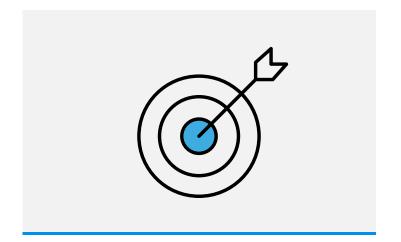
Emulate humans



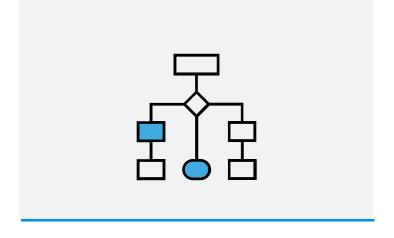
Assist / replace humans for dedicated applications



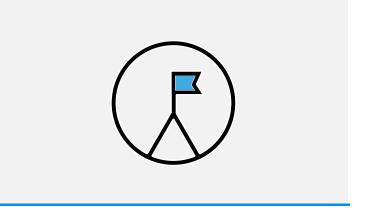
So Today, Al Is Effective When....



All relevant data is available to consider



The rules are clear



The desired outcome is predictable



Example/Pizza Ordering Bot



- Pizza size M, L, XL
- Pizza toppings
 - Onions
 - Peppers
 - Tomatoes
 -
- Delivery address
- Delivery time
- Method of payment

