

Business Advice We Shouldn't Believe Any More

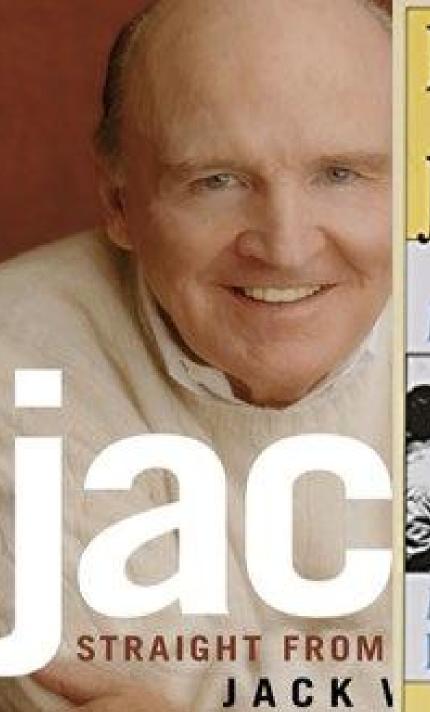
Andrew McAfee, MIT amcafee@mit.edu @amcafee

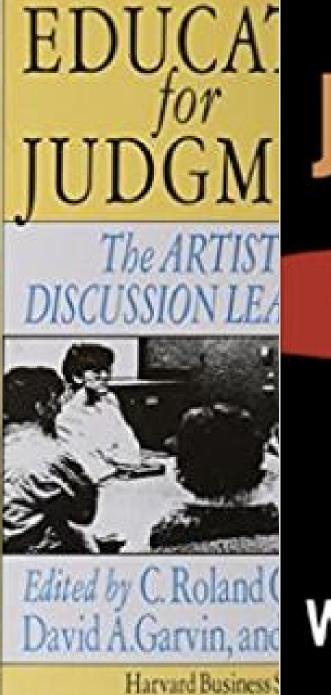
Technology re-writes the business playbook



Industrial Age Playbook:

Let machines handle the routine work; let people make the judgment calls





JUDGMENT

HOW WINNING LEADERS MAKE GREAT CALLS

NOEL M. TICHY

bestselling author of The Leadership Engine and Control Your Destiny or Someone Else Will

ANO

WARREN G. BENNIS

bestsalling author of On Becoming a Leader and Leaders

Hippo

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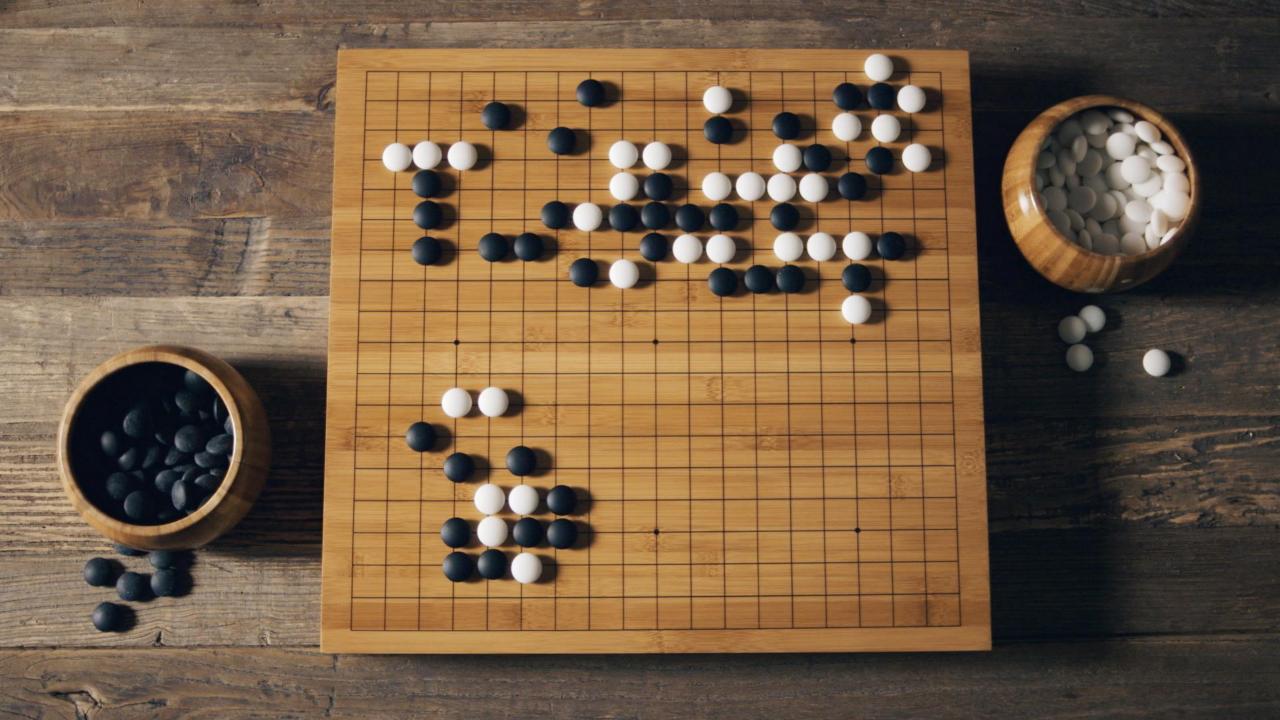
Geeks vs. HiPPOs

Clinical Versus Mechanical Prediction: A Meta-Analysis

William M. Grove, David H. Zald, Boyd S. Lebow, Beth E. Snitz, and Chad Nelson University of Minnesota, Twin Cities Campus

136 studies of expert vs. algorithmic prediction (HiPPO) (Geek)

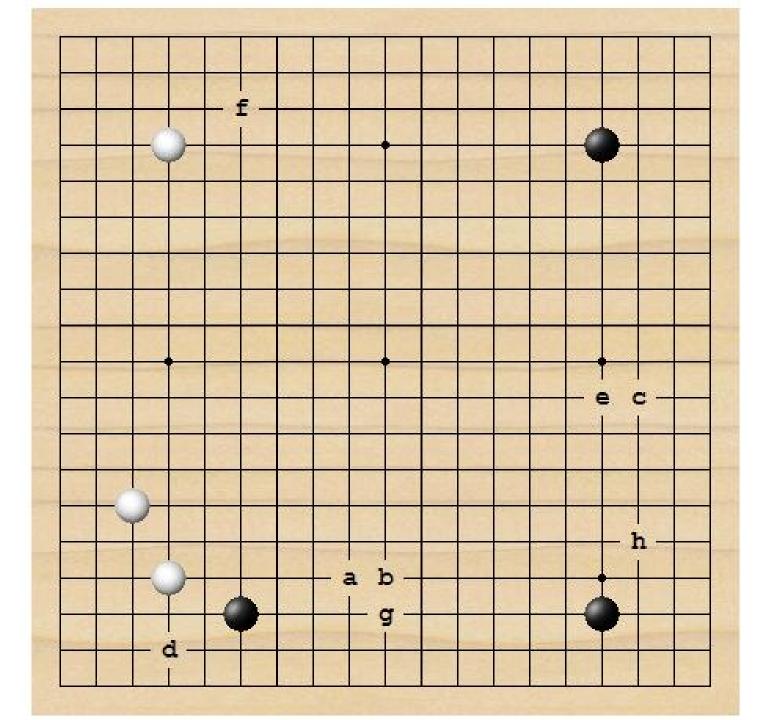
Experts Clearly BetterTossupAlgorithm Clearly Better8 (6%)65 (48%)63 (46%)

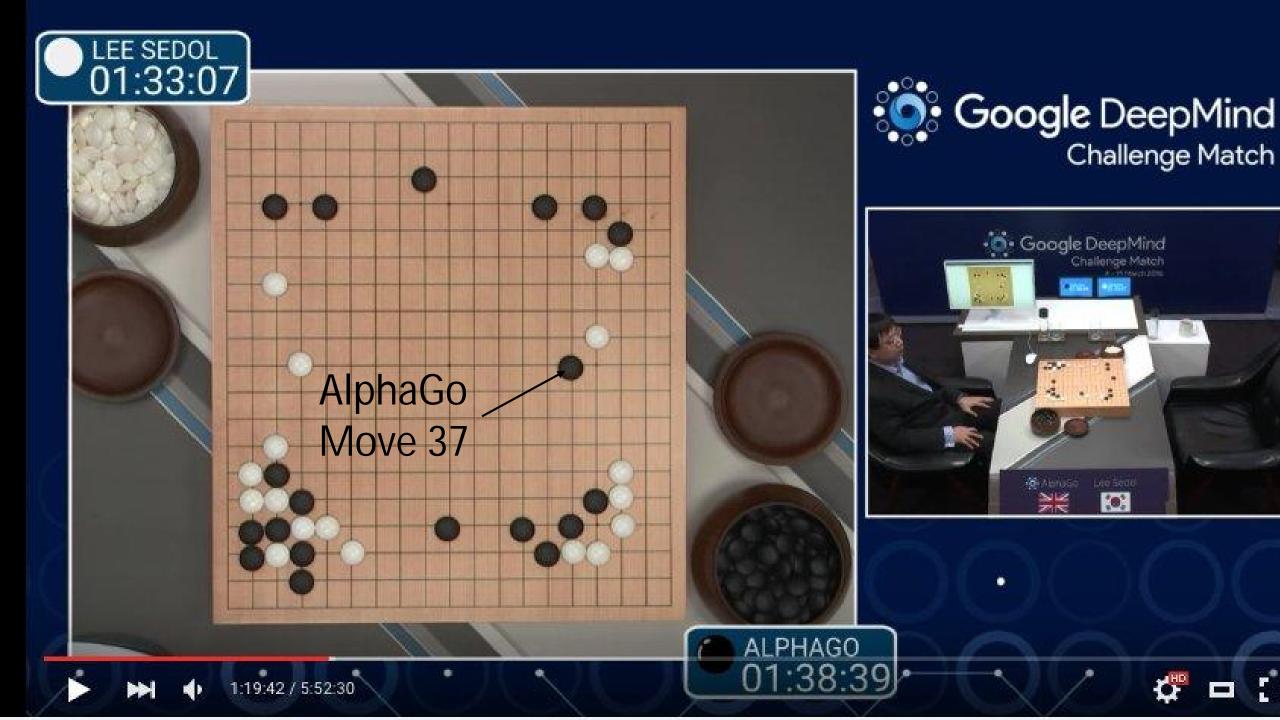


Google's AlphaGo AI beats Lee Se-dol again to win Go series 4-1

By Sam Byford on March 15, 2016 05:00 am 🛛 Email 🎽 @345triangle







"I would go as far as to say not a single human has touched the edge of the truth of Go."

- Go champion Ke Jie

Second Machine Age Playbook:

Machines are demonstrating excellent judgment



Companies

and the second

1.31

Industrial Age Playbook:

Strengthen your core

Harvard Business Review



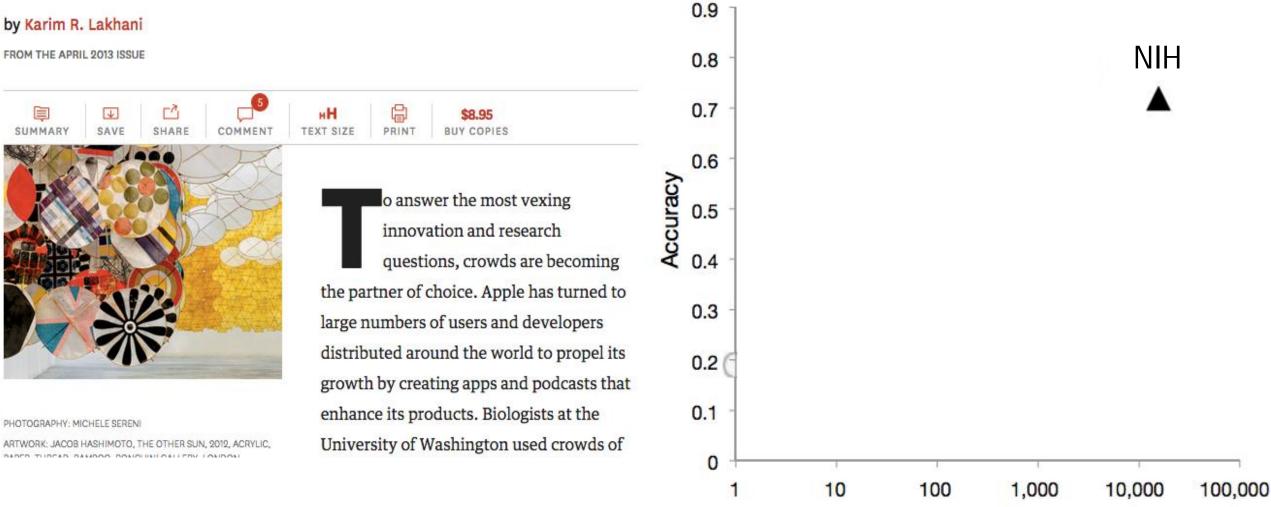
The Core Competence of the Corporation

by C.K. Prahalad and Gary Hamel

FROM THE MAY-JUNE 1990 ISSUE

INNOVATION

Using the Crowd as an Innovation Partner



Time (s)

INNOVATION

Using the Crowd as an Innovation Partner



Time (s)

INNOVATION

Using the Crowd as an Innovation Partner

by Karim R. Lakhani

FROM THE APRIL 2013 ISSUE

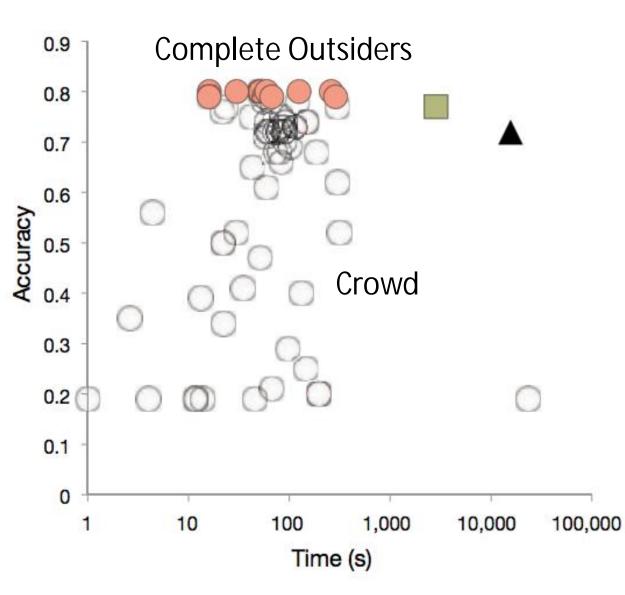
SUMMARY SAVE SHARE COMMENT

PHOTOGRAPHY: MICHELE SERENI

ARTWORK: JACOB HASHIMOTO, THE OTHER SUN, 2012, ACRYLIC,

TEXT SIZE PRINT BUY COPIES o answer the most vexing innovation and research questions, crowds are becoming the partner of choice. Apple has turned to large numbers of users and developers distributed around the world to propel its growth by creating apps and podcasts that enhance its products. Biologists at the University of Washington used crowds of

\$8.95





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Businessweek

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Inside a Moneymaking Machine Like No Other

The Medallion Fund, an employees-only offering for the quants at Renaissance Technologies, is the blackest box in all of finance.

by Katherine Burton

November 21, 2016, 12:01 AM EST Updated on November 25, 2016, 11:50 AM EST

From Bloomberg Markets



FINANCIAL TIMES

Hedge funds + Add to myFT

'Crowdsourced' Quantopian dives into algorithms

Hedge fund hopes trading strategies coded by members will disrupt industry

Second Machine Age Playbook:

The crowd is surprisingly wise

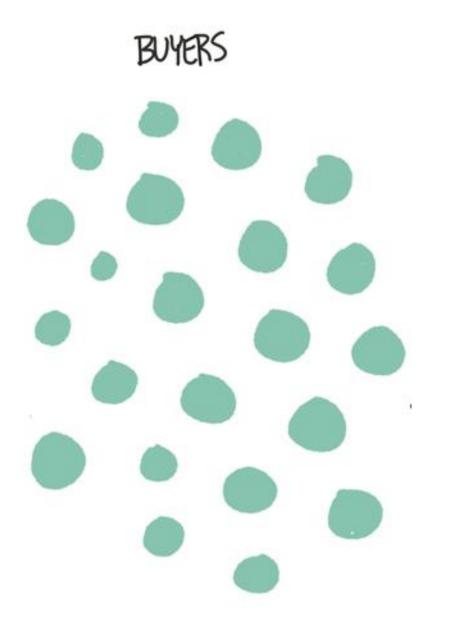
McKinsey&Company Industries Business Functions Global Themes Locations Careers About Us

Industries

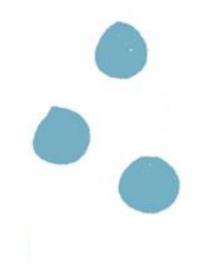
There is no substitute for knowing an industry inside and out. Each of our 22 industry practices draws upon McKinsey experts from around the world to pool their industry expertise and develop perspectives, resources and capabilities so that we can prepare our clients for the challenges and opportunities ahead. Industrial Age Playbook:

Industry structure determines successful business models









MACHINE | PLATFORM | CROWD

How Steve Jobs Nearly Blew It

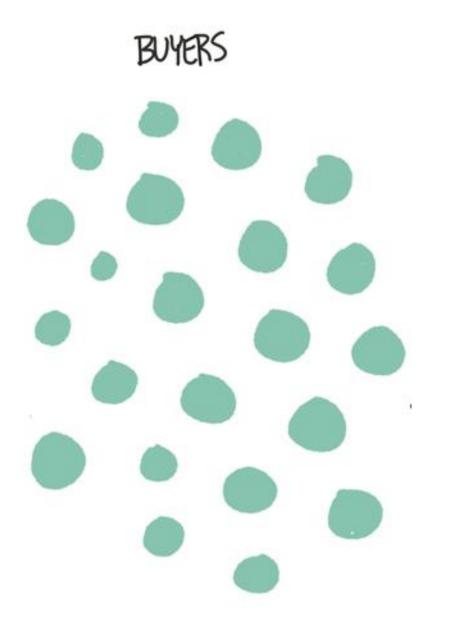
IN 2007, STEVE JOBS WAS IN THE MIDDLE OF WHAT WAS PERhaps the greatest tenure as a CEO in US corporate history. But throughout that year, his failure to fully appreciate a basic insight from economics threatened to stall his company's momentum.

By Jason Snell, Peter Cohen

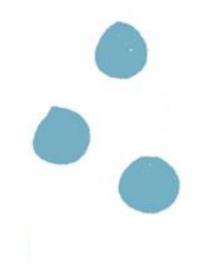
Macworld | JUL 10, 2008 5:27 AM PT

Apple opened the App Store on Thursday, providing access to 552 iPhone and iPod touch applications to users of iTunes.

To run and install the software, users will need a device using the iPhone 2.0 software, currently only available to purchasers of new iPhone 3G models.







Apple captures more than 103% of smartphone profits in Q3 despite shrinking shipments

By Mikey Campbell Thursday, November 03, 2016, 05:00 pm PT (08:00 pm ET)

Apple raked in more than 100 percent of all smartphone industry profits during the thi 2016, despite owning roughly 12 percent of the market, according to new estimates p Thursday.



Uber shares growing financials to distract from negative publicity

Posted Apr 14, 2017 by Alex Wilhelm (@alex), Katie Roof (@Katie_Roof)







Crunchbase

Uber

FOUNDED 2009

OVERVIEW

Uber is evolving the way the world moves. By seamlessly connecting riders to drivers through apps, they make cities more accessible, openin more possibilities for riders and more business drivers. From their founding in 2009 to their lar in over 400+ cities today, Uber's rapidly expand global presence continues to bring people and

NEWSFLASH: CLASSPASS IS IN MAJOR EXPANSION MODE—IS YOUR CITY NEXT? CLASSPASS

TRANSFORM YOUR WORKOUT WITH ONE ALL-ACCESS PASS

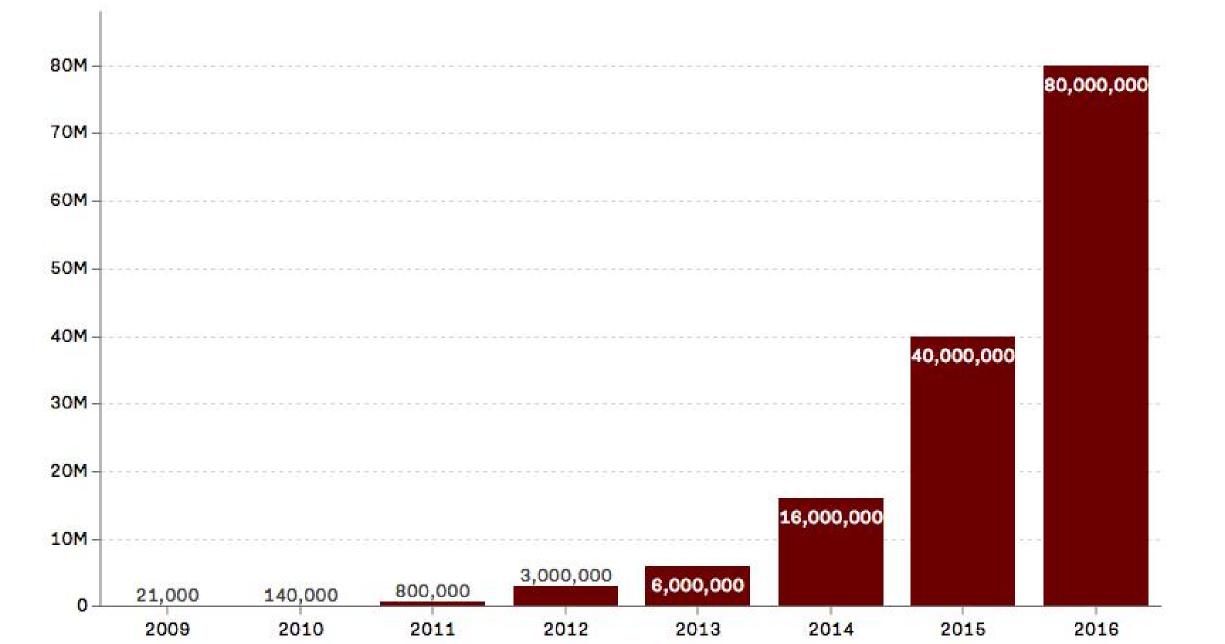
ClassPass gets you into the best studios in your city. Take unlimited group fitness classes with just one monthly membership.

Platform Advantages

- Network effects / demand side economies of scale
- Control of user interface and user experience
- Control of ecosystem

- Crowd-based discovery
- Data and algorithms for
 - Matching
 - Pricing
 - Personalization
 - Trust

Airbnb guest arrivals



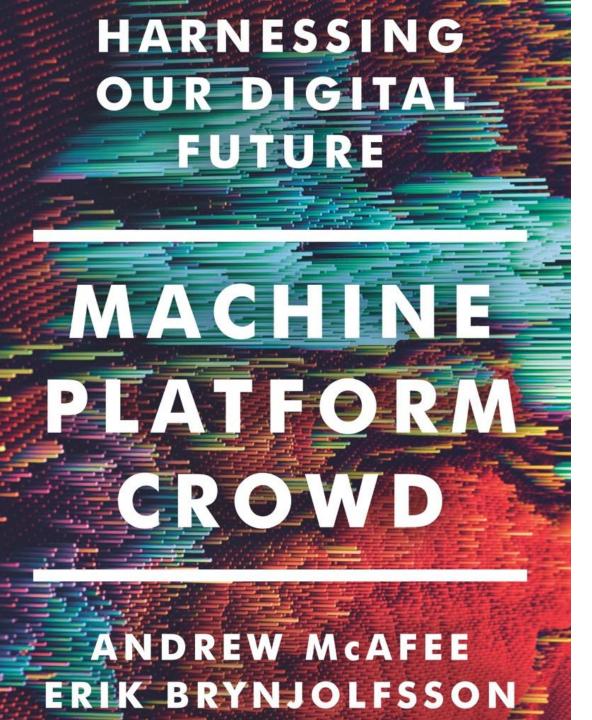
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Second Machine Age Playbook:

Platform structure determines successful business models

A New Business Playbook

- The optimal division of labor between minds and machines is shifting rapidly
- The crowd is often (usually?) more capable than the core
- Value creation and capture are moving from products to platforms



Thank You!

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