

Challenge the Future. Now!



Presented by:
Nathan Curtis & Michael Gonzalez
Catapult Systems







TESLA

SolarCity



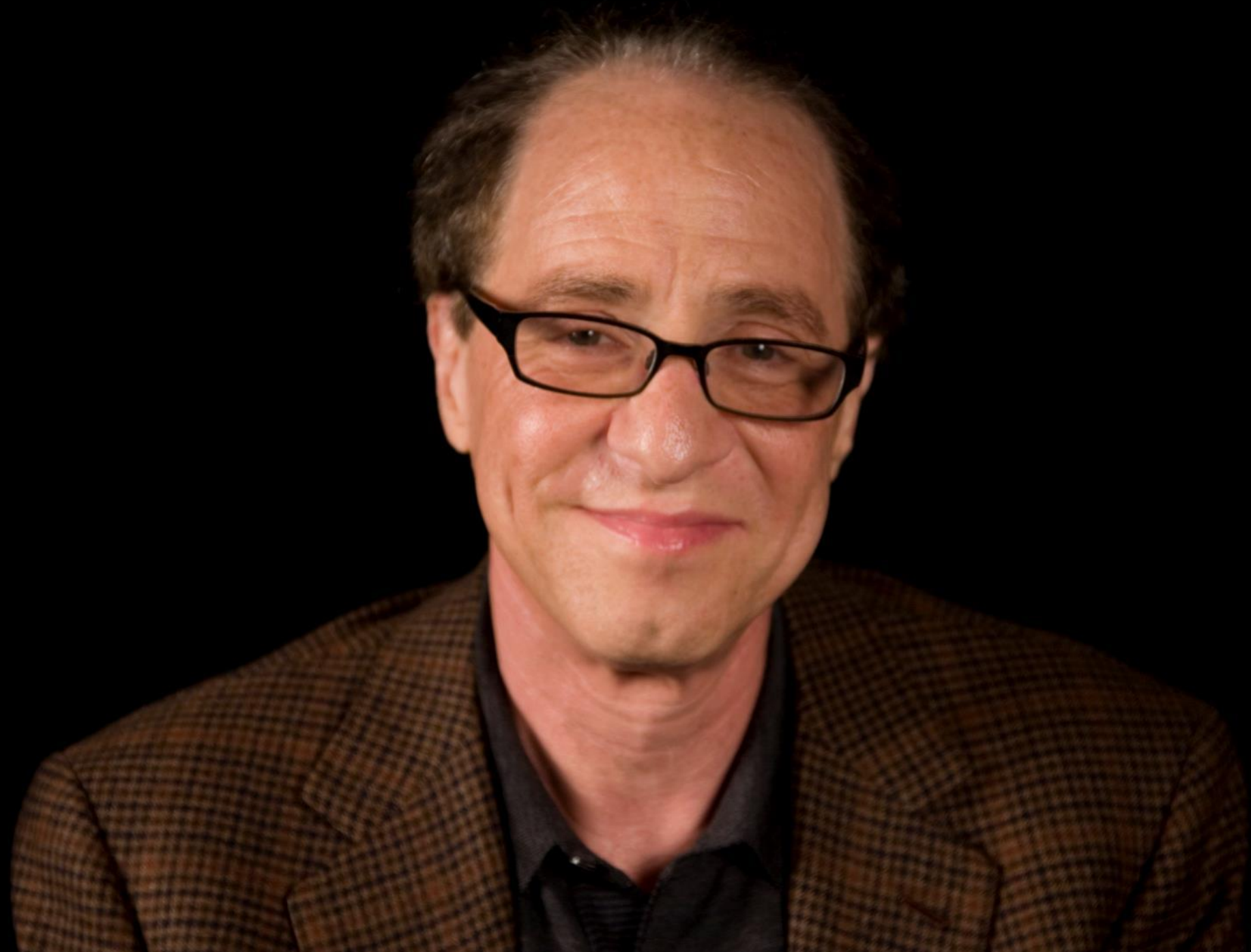
NEURALINK

Elon Musk, Visionary

SPACEX

HYPERLOOP

THE
BORING
COMPANY





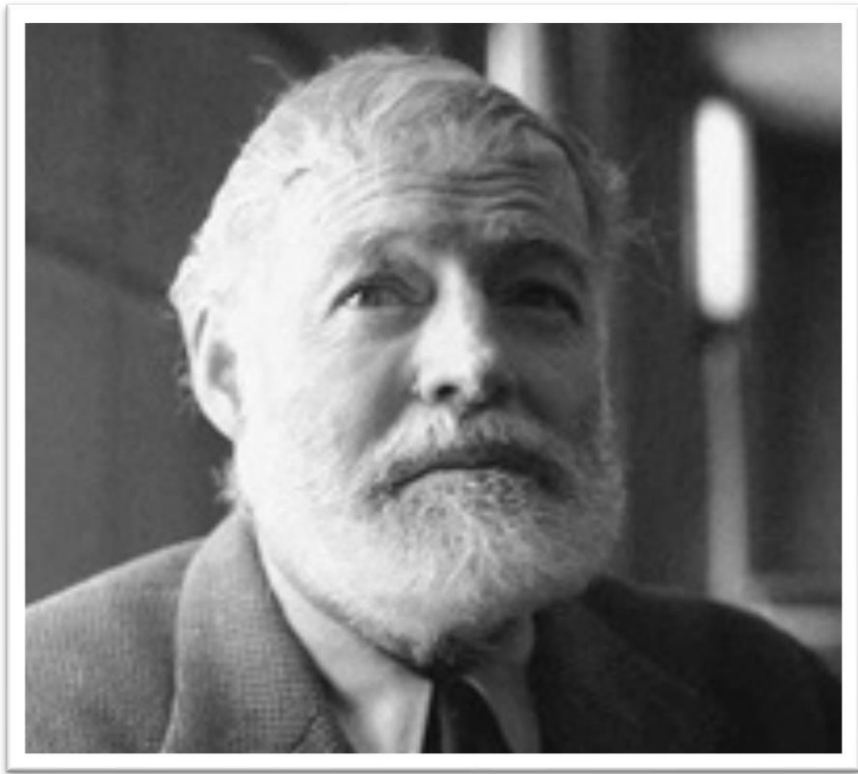
By 2020 we will be able to simulate the human mind...

By 2030 Nano bots will connect the human brain
to the cloud for integrated AI...

"Manufacturing cost will plummet, and be next to nothing."

Ray Kurzweil, Google Dir Engineering, Futurist

How did you go Bankrupt?



"Two ways. Gradually,
then suddenly."

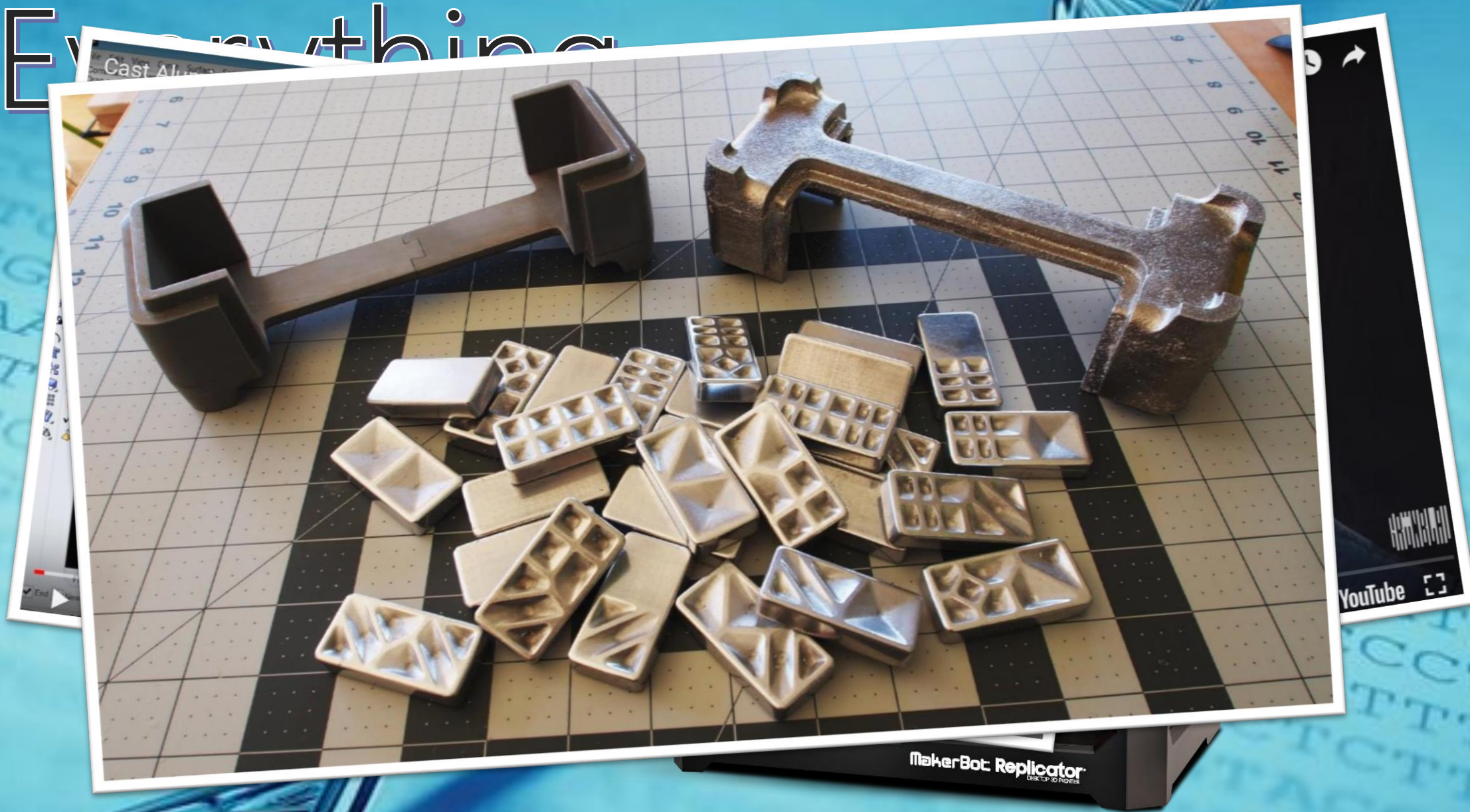
- Ernest Hemingway, *The Sun Also Rises*

Balancing Tradition with Innovation



What does this have to do with Data Analytics, Automation & the Digital Workforce?

Everything

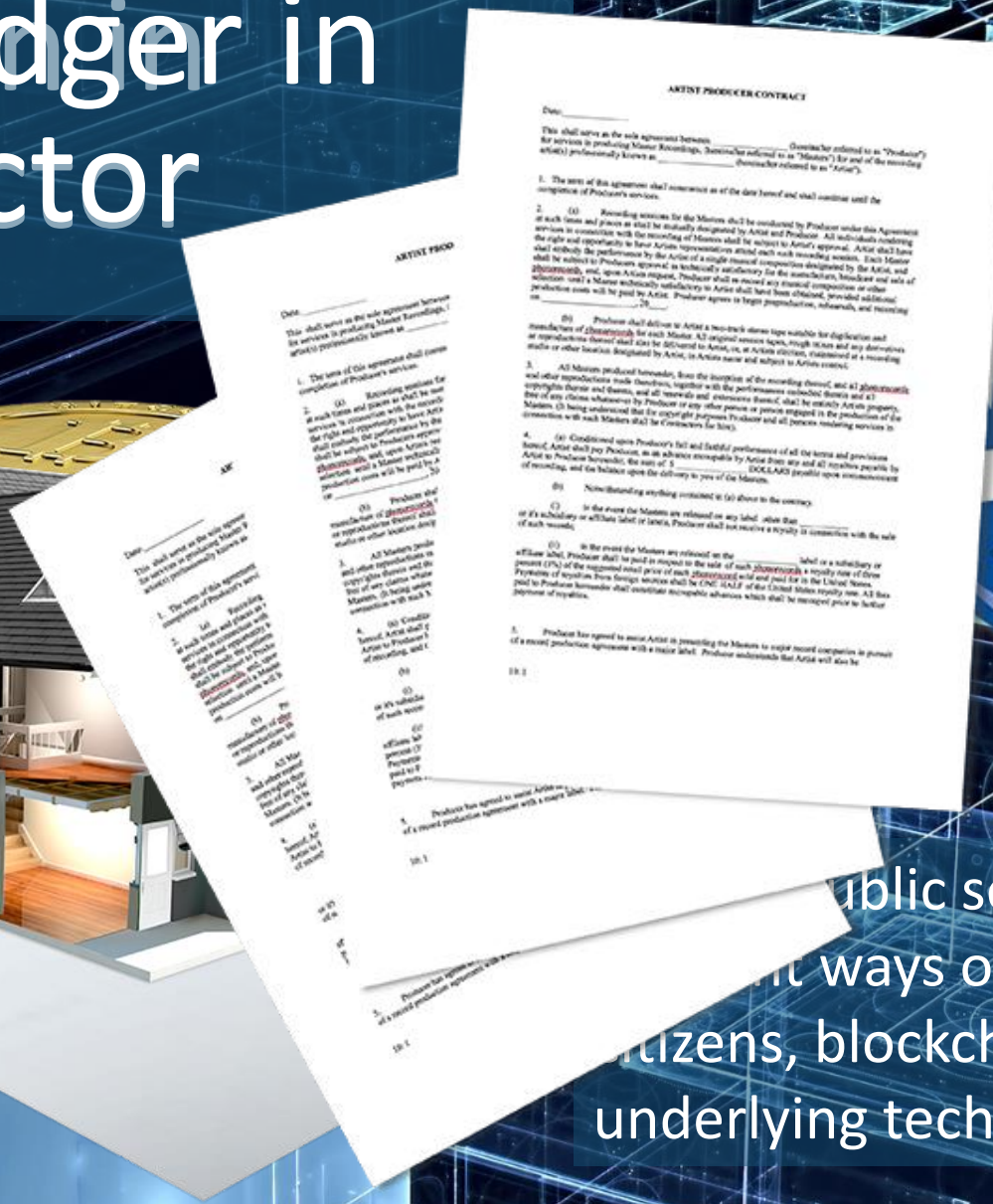


Be Data Driven



Source: [Datanami](#), Feb 2015

Digital Ledger in Public Sector



Public sector strives to create more innovative ways of providing services for its citizens, blockchain could become a key underlying technology.”

Internet of Things

San Antonio's Connected Traffic System



\$2B Cost recovery to constituents



New Data, New Ways



"I want to be able to democratize AI so that any customer using these products is able to, in fact, take their own data and load it into AI for themselves"

- Satya Nadella

New Data, New Ways

- Focus on the Data and Underlying Processes
- Build and Maintain Trust
- Globally Understood “Tag”
- Encourage Environment of Exploration
- Agile Approach & Culture of Continuous Learning



A modern conference room with a large, polished wooden conference table. Several brown leather office chairs with silver bases are arranged around the table. The room features large windows in the background, offering a view of a city skyline and greenery. The lighting is bright and natural. A semi-transparent blue banner is overlaid across the middle of the image, containing white text.

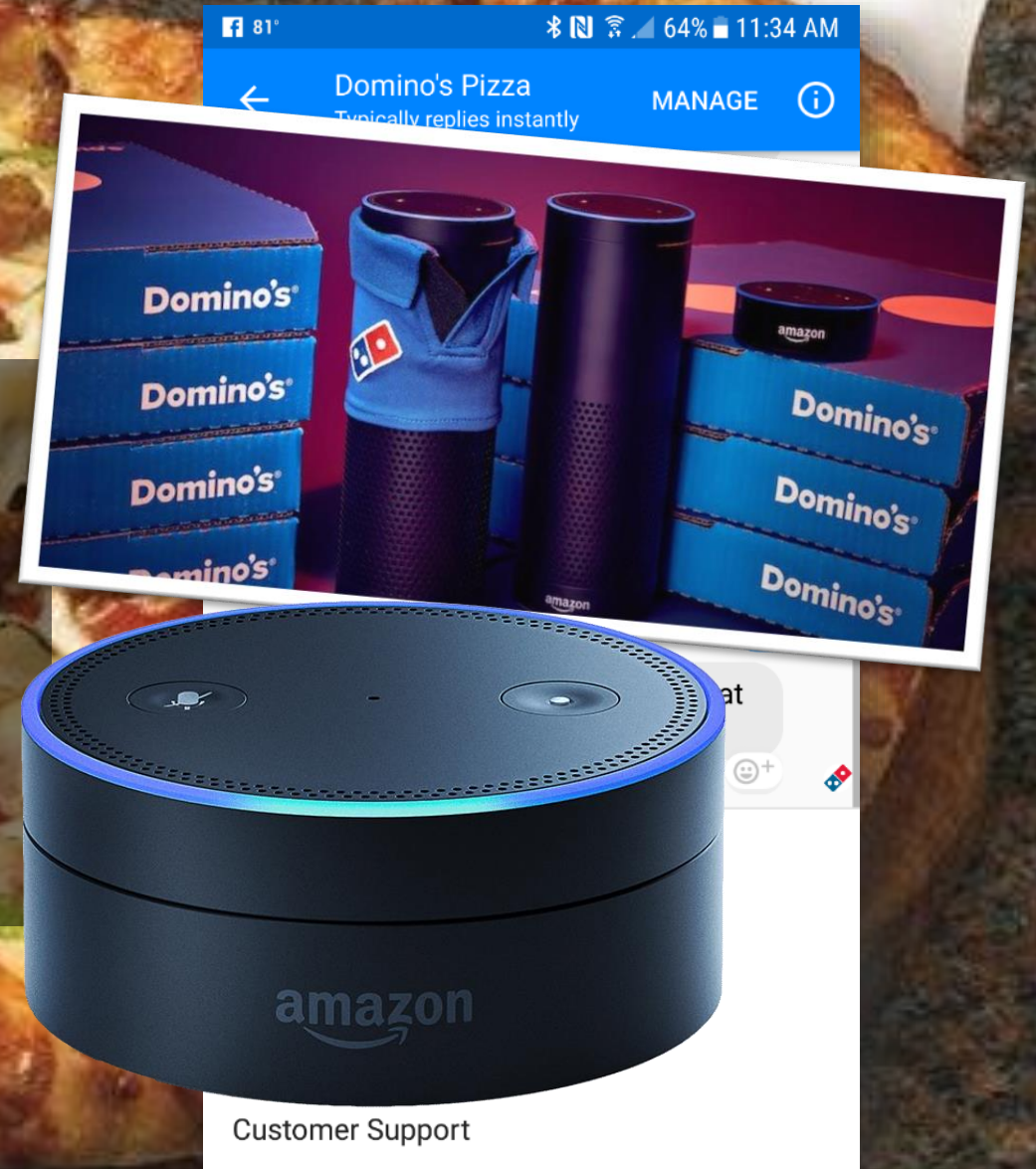
Analytics and Cognitive Services will become 'Table Stakes'

Put Data Into Action!



Bot Ordering?

Order online today from Domino's Pizza through a Facebook Messenger chatbot. or Alexa voice!





State University in Texas developing a ChatBot to handle IT Service Calls...potential is unlimited

It's no longer Sci-Fi

“Our
Switch
for a
acom
test data.”

Melissa Wendt

✓ Melissa Wendt
RECEPTIONIST, Available
2 Participants

Friday, December 18, 2015

Können Sie das übersetzen

Show Translation

← Miguel Silva
01:32
This call may be recorded to improve translations.

Language selection

Select the preferred language(s) for Sam Smith.

Sam Smith	english
writes	german
spanish	spanish
speaks	italian
spanish	japanese
	korean
	kurdish
	lithuanian
	mongolian
	norwegian
	polish
	portuguese

Klingon?



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-Xuedong Huang, Microsoft Research

Robotic Process Automation (RPA)

A way to address budgetary Short-Falls with rising demand for Services

Best Practices

1. Governance
2. Use-Cases with a clear ROI
3. Collaboration
4. Right tools

If humans are doing work that can be automated or done by a robot, then you have human robots.



New Work Experiences
“The Digital Workforce”



"30% of the activities...of a majority of the occupations
in the US could be automated "

Source: McKinsey Global Institute September 2017

"65% of children entering primary schools will likely be
employed in jobs that don't currently exist"

Source: World Economic Forum, February 2016

Learning for life & the adaptive organization



Visualize your data in new ways!



Drones serving the
public interest



Digital Doc?



Systems of Record

Systems of Engagement

Systems of Intent?



Enable Humans to Achieve More... Their Potential!

The future of work is *Now!*

- Consume, Commoditize, and Innovate
- “The Obstacle is the Way” & “Creative Destruction”
- “Think big, act small”
- Learn, respond and adapt quickly - Agile



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