

SOFTWARE IS EATING THE WORLD*

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Interdisciplinary Computing Summer Institute (ICSI)
August, 2017

Two types of jobs in the future...

Those that will be automated



Those that are creating the automation



EVERY DAY WE CREATE

2,500,000,
000,000,
000,000

(2.5 QUINTILLION) BYTES OF DATA

*This would fill 10 million blu-ray discs,
the height of which stacked, would measure
the height of 4 Eiffel Towers on top of one another.*



90% OF THE
WORLD'S DATA
TODAY HAS BEEN
CREATED IN THE
LAST 2 YEARS
ALONE.

BIG DATA:

Data stored grows
4X FASTER THAN WORLD ECONOMY



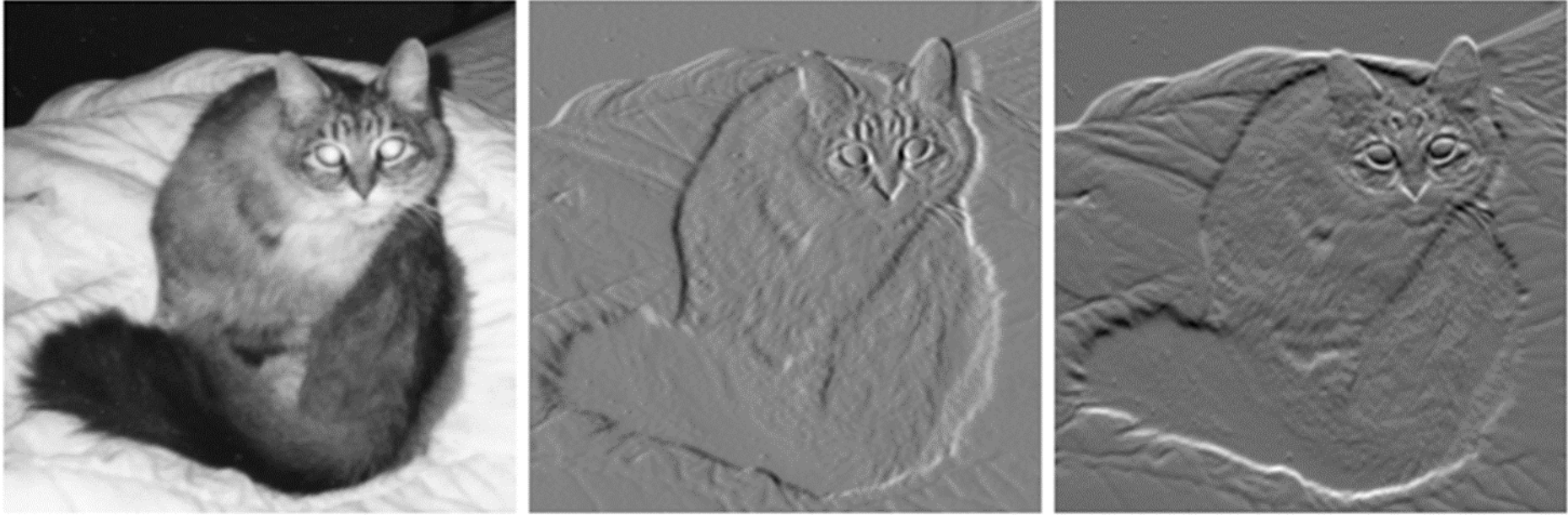
Substantial shift in
**ECONOMIC POWER AND SOURCE
OF ECONOMIC VALUE**



Increasing quantity of data allows for
MORE QUALITATIVE APPROACH



Usefulness of data for pattern recognition



Artificial Intelligence: The Future of Growth



Sense

- Computer vision and audio processing can actively perceive the world around them by acquiring and processing images, sounds and speech. Using facial recognition at border control kiosks is an example of how it can improve productivity.



Comprehend

- Natural language processing and inference engines can enable AI systems to analyze and understand the information collected. This technology is used to power the language translation feature of search engine results.



Act

- An AI system can take action through technologies such as expert systems and inference engines, or undertake actions in the physical world. Auto-pilot features and assisted braking capabilities in cars are examples of this.

WE ARE LIVING IN A WORLD OF CHANGE...



70% of Global 2000 CEOs will center their strategies around Digital Transformation by 2017¹

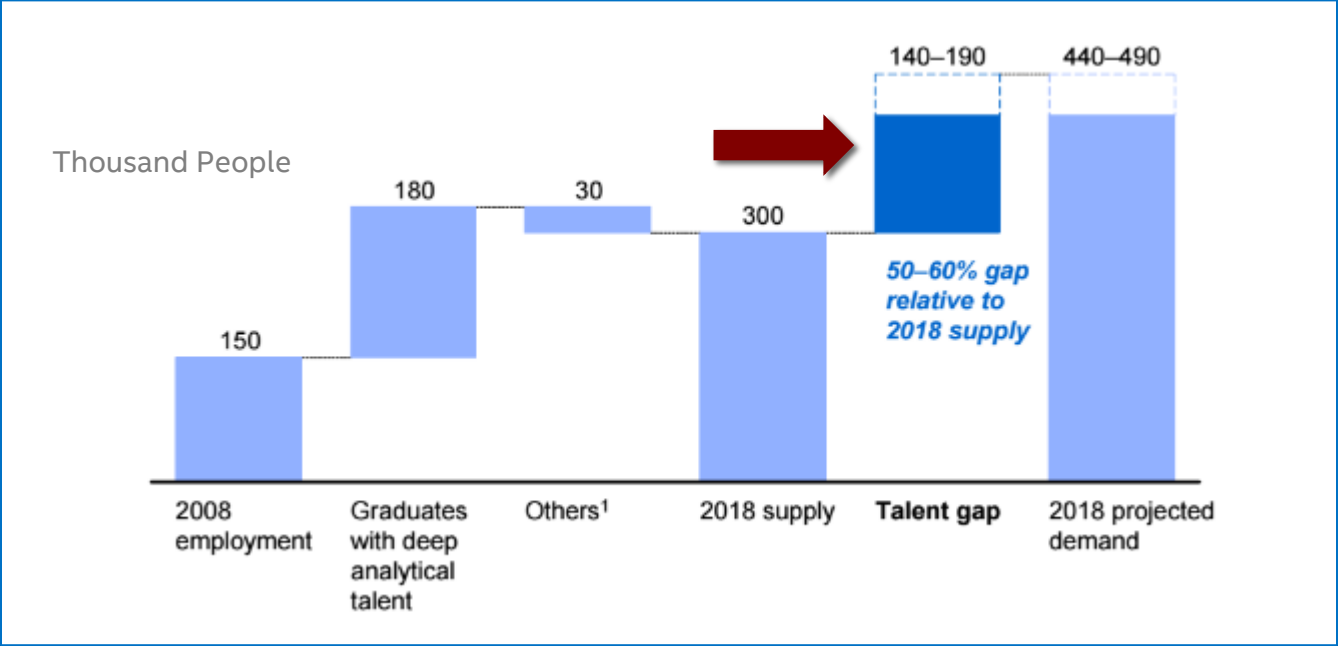
40% of businesses in the top 20 of every industry, will be disrupted by 2018²

50% of the workforce will be Millennials by 2020³

...AND THIS IS THE LEAST AMOUNT OF CHANGE WE WILL EVER SEE

1. IDC – Digital Transformation Predictions ([source](#))
2. PNC – Digital Disruption Challenges ([source](#))
3. PWC - Millennial at Work, Reshaping the workplace ([source](#));

Demand for deep analytical talent could be 50 – 60% greater than projected supply by 2018

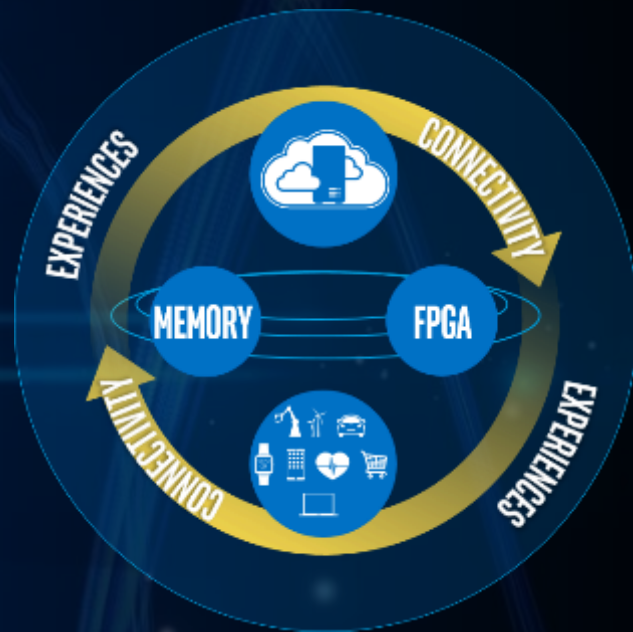


Source: McKinsey Global Institute analysis

AS OUR CUSTOMERS ARE EVOLVING...

“We expand the boundaries of technology to make the most amazing experiences of the future possible through our customers.

We're moving toward a world where the boundary between digital and physical is eroding, computing is truly mobile and ubiquitous, and everything is smart and connected,”



...SO IS INTEL

Barriers to genomics are disappearing and changing

USD 100
million
per genome
in 2001 to
USD 1,000
per genome
in 2014¹

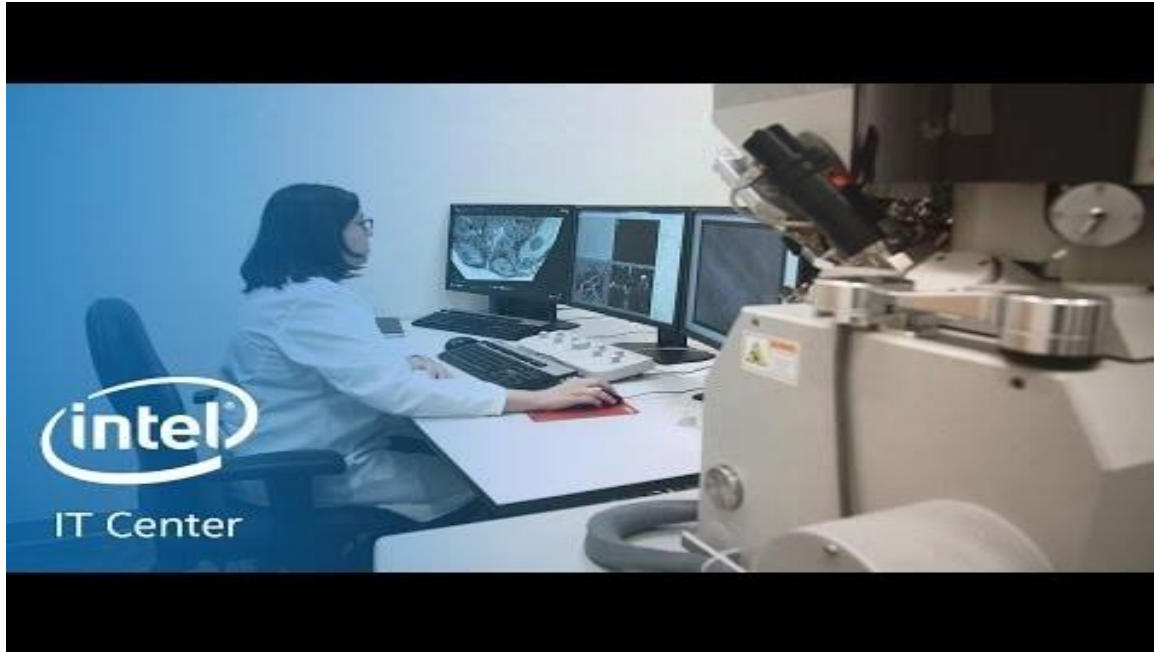
Dramatic
performance
gains in
computing
technology²

**COST OF GENOME SEQUENCING NO LONGER THE BOTTLENECK,
STORING AND MANAGING THE DATA IS THE NEXT HURDLE**

1. <http://www.bloomberg.com/bw/articles/2014-01-14/illumina-dna-supercomputer-ushers-in-the-1-000-human-genome>
2. <https://www.youtube.com/watch?v=PzvOBI-Vt3Y>

The new possible:

Collaborative analytics for personalized cancer care



<https://www.intel.com/content/www/us/en/big-data/xeon-e7-collaborative-analytics-ohsu-cancer-institute-video.html>

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WHICH ONE DO YOU WANT?

