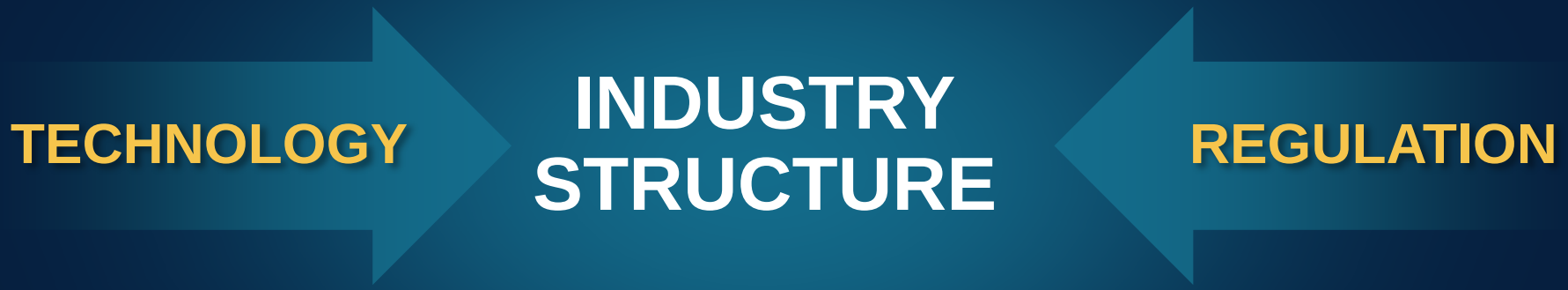
Morgan Stanley

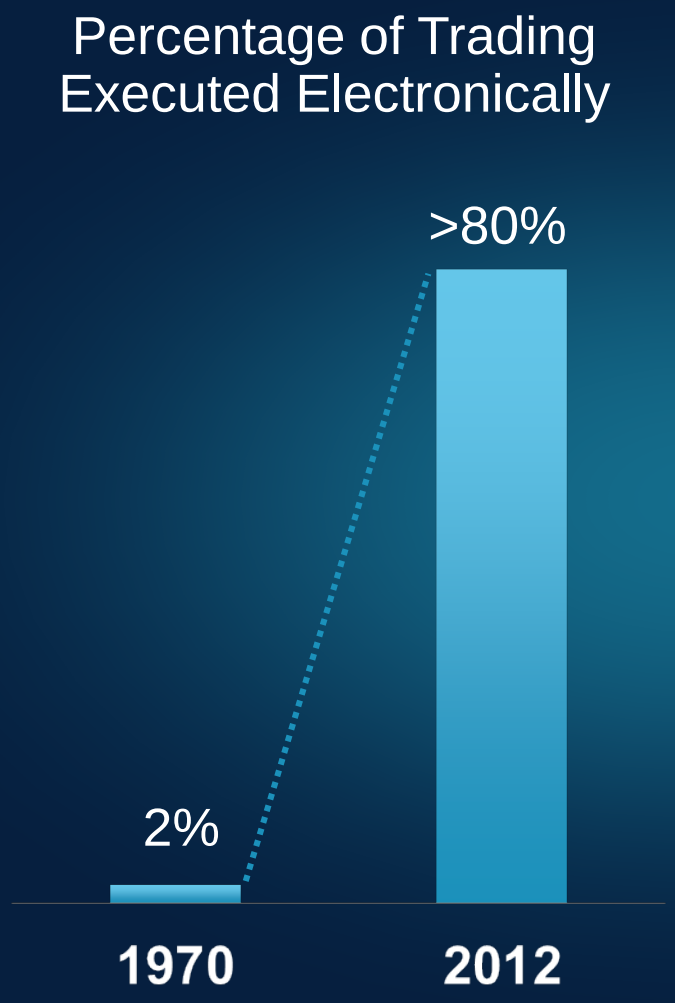
Technology Change in Financial Services

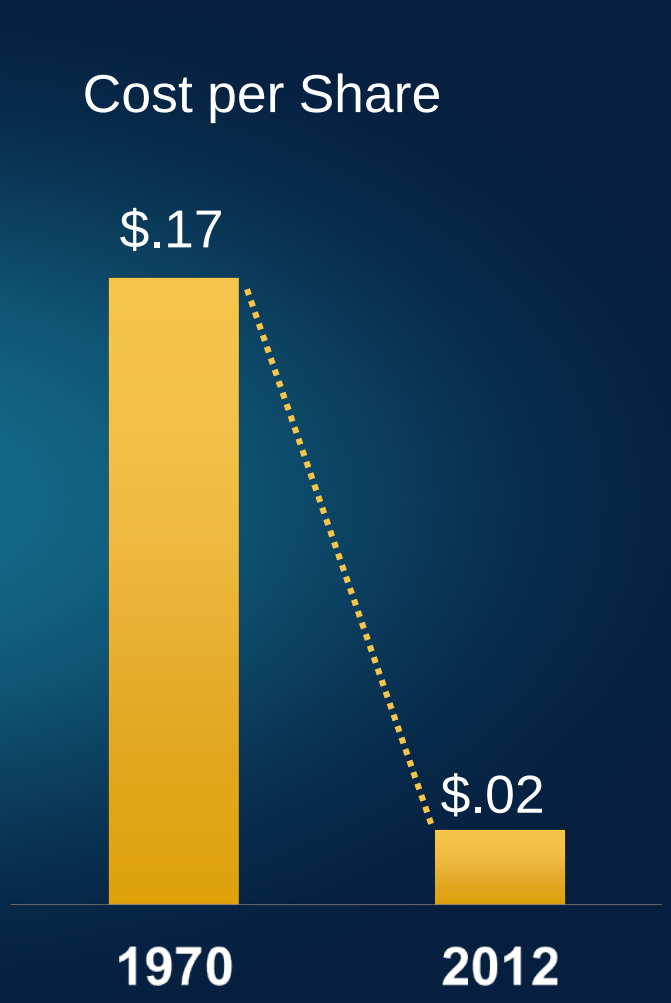
Barry Hurewitz

Research Industry Drivers for Next 3–10 Years



Automation


Percentage of Trading
Executed Electronically
>80%
2%
1970
2012

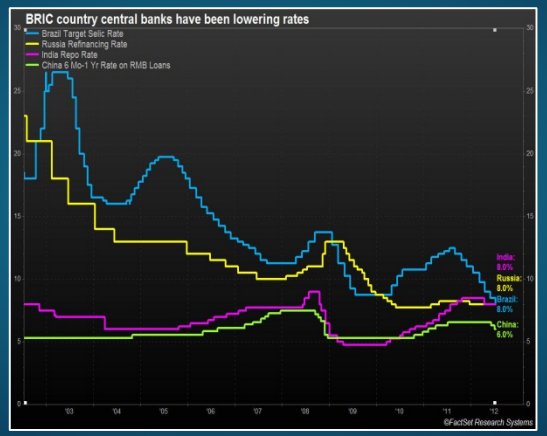

Cost per Share
$.17
$.02
1970
2012

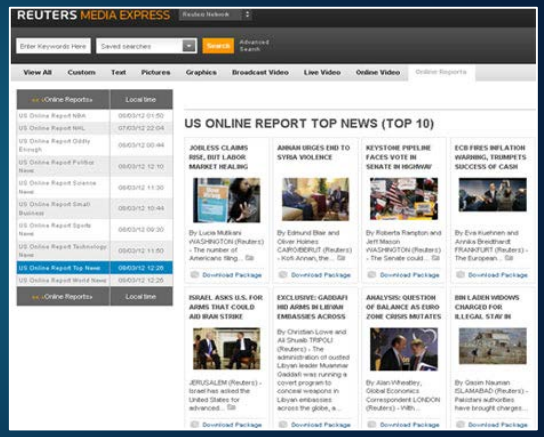
Informating

Bloomberg

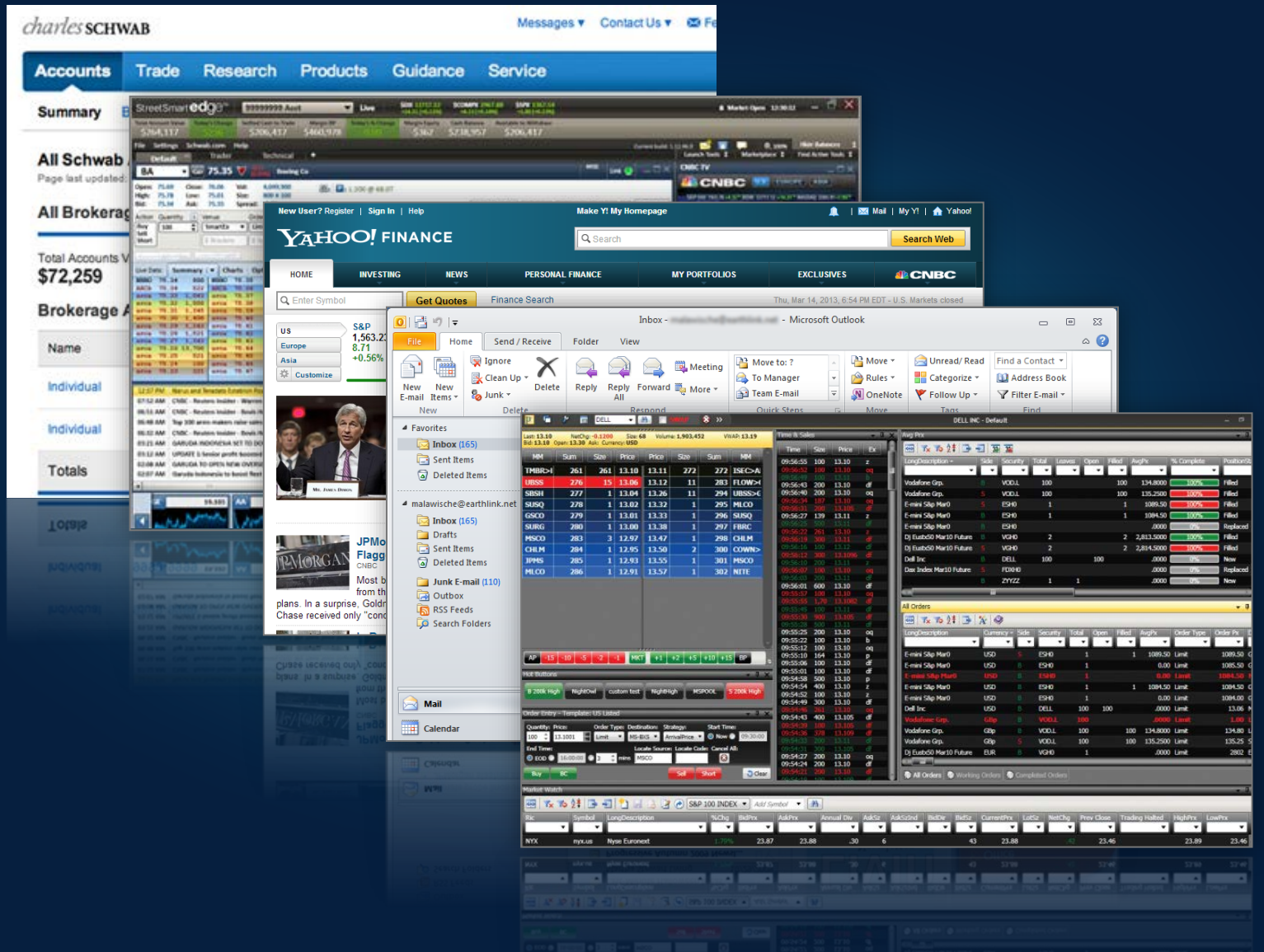
FACTSET

THOMSON REUTERS

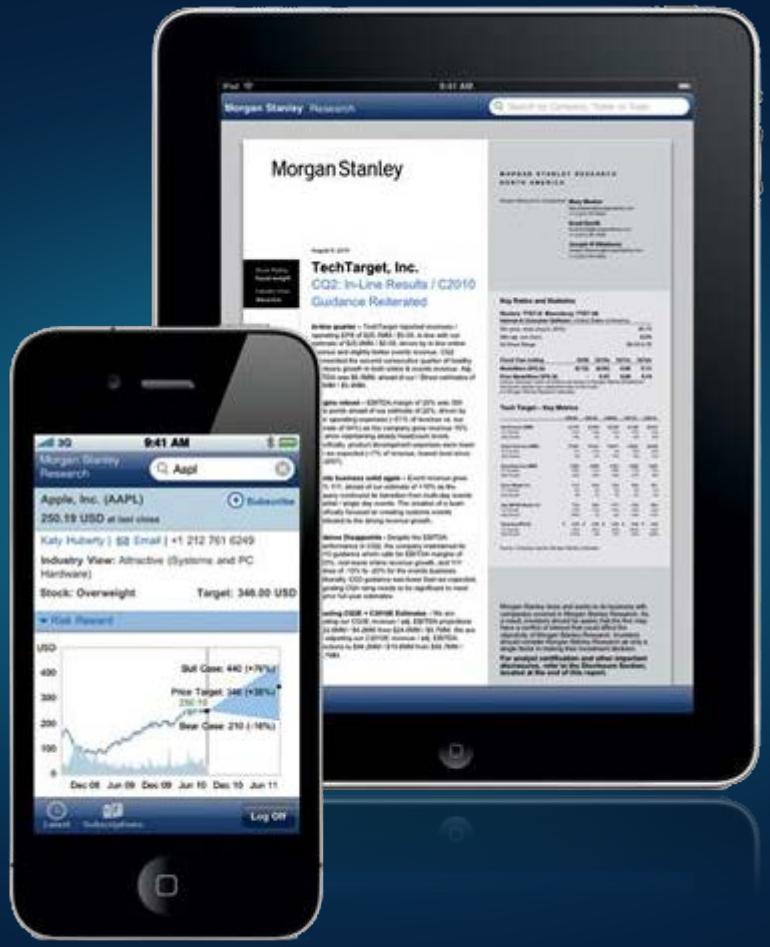




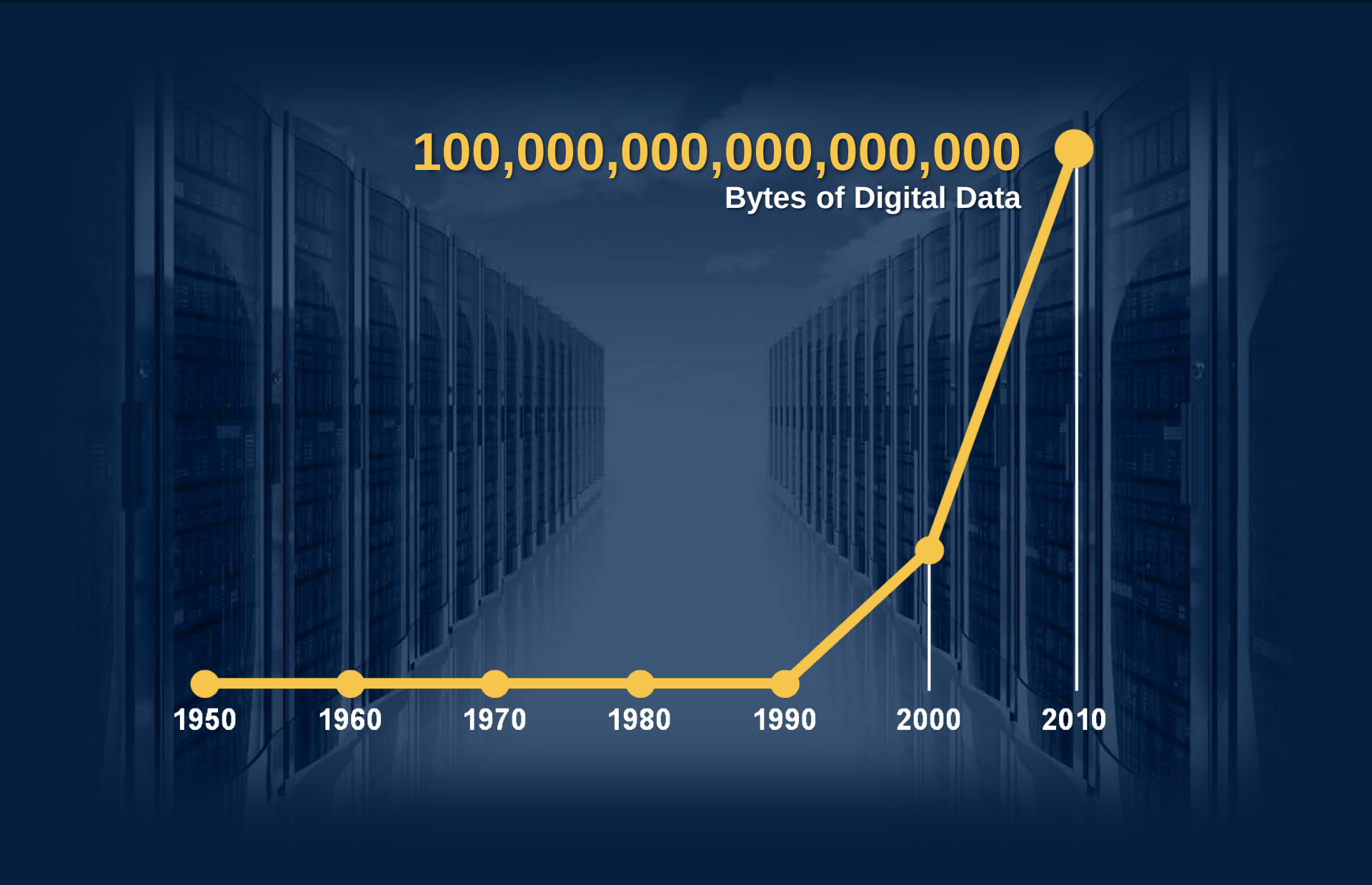
Client Experience



Radical Change in Expectations



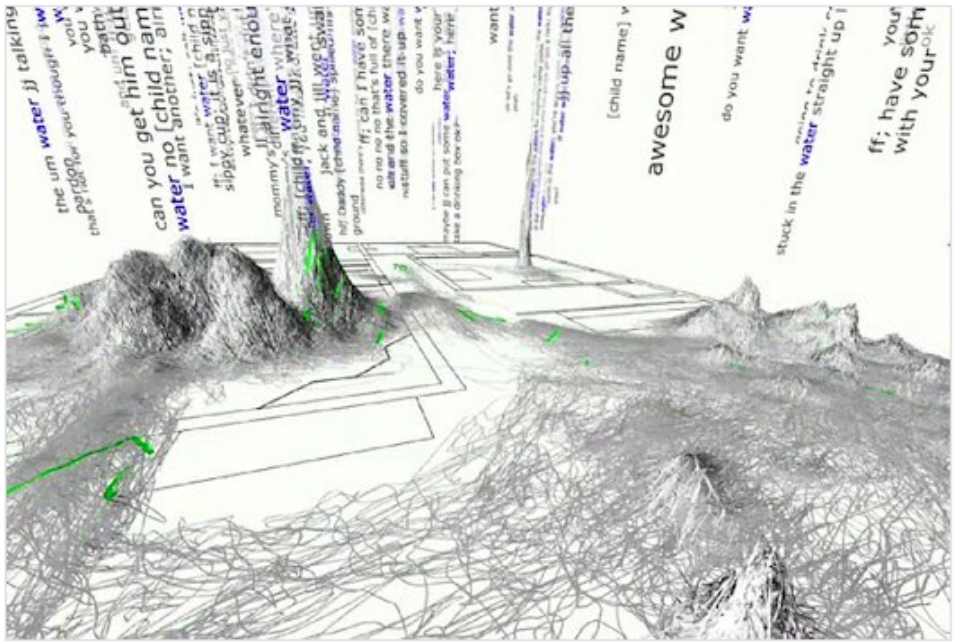
From Aggregated Data to Big Data



Data Scientist Sexiest Job of the 21st Century

Harvard Business Review: Data Scientist Is The 'Sexiest Job Of The 21st Century'

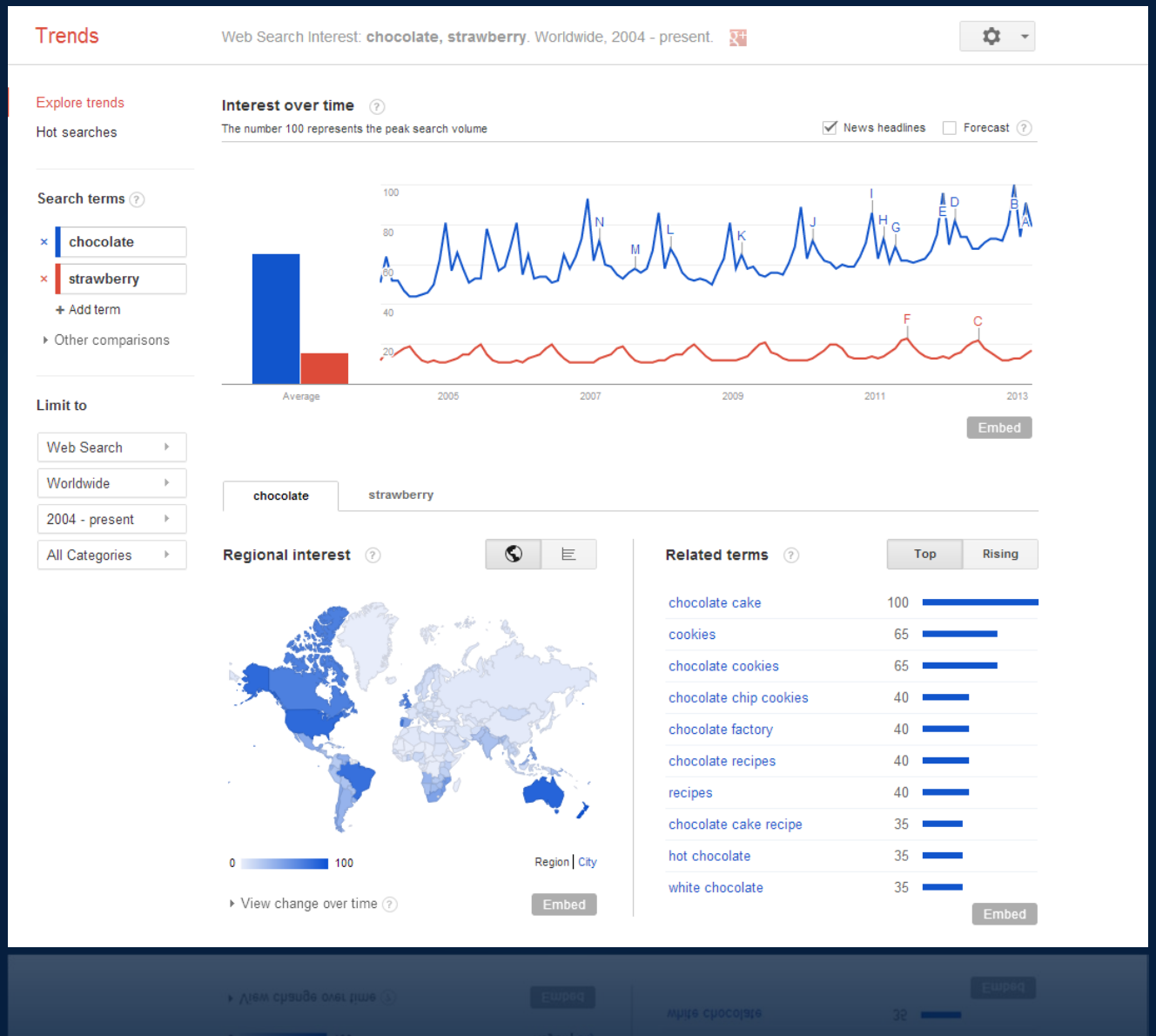
By Clay Dillow Posted 09.20.2012 at 3:30 pm 3 Comments



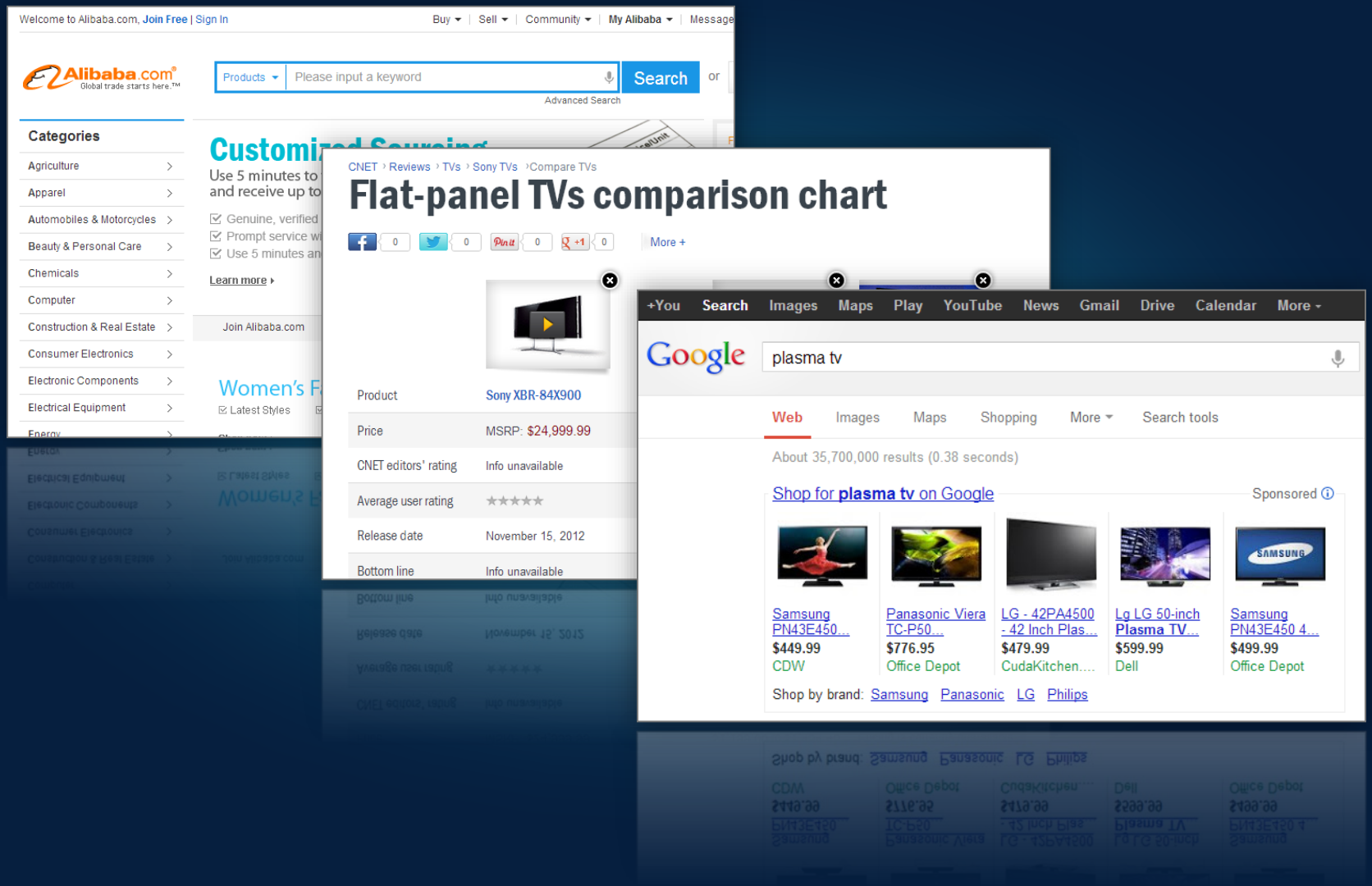
Data Science Is Sexy *Flickr user Marius B*

What is the sexiest job of the 21st century? If you said "data scientist," you're probably an editor at Harvard Business Review and probably not anyone else. The HBR has named the emerging practice of sifting through data to find hidden, below-the-surface meaning and otherwise extrapolate underlying knowledge the "sexiest" job of the new century. But while we love Big Data here at PopSci (we dedicated a whole issue to last year), we're going to have to argue semantics here. Data scientists are certainly in demand (you might even get away with calling it a "hot"

Largest Database of Intentions



Every Purchase Decisions Begins on the Internet



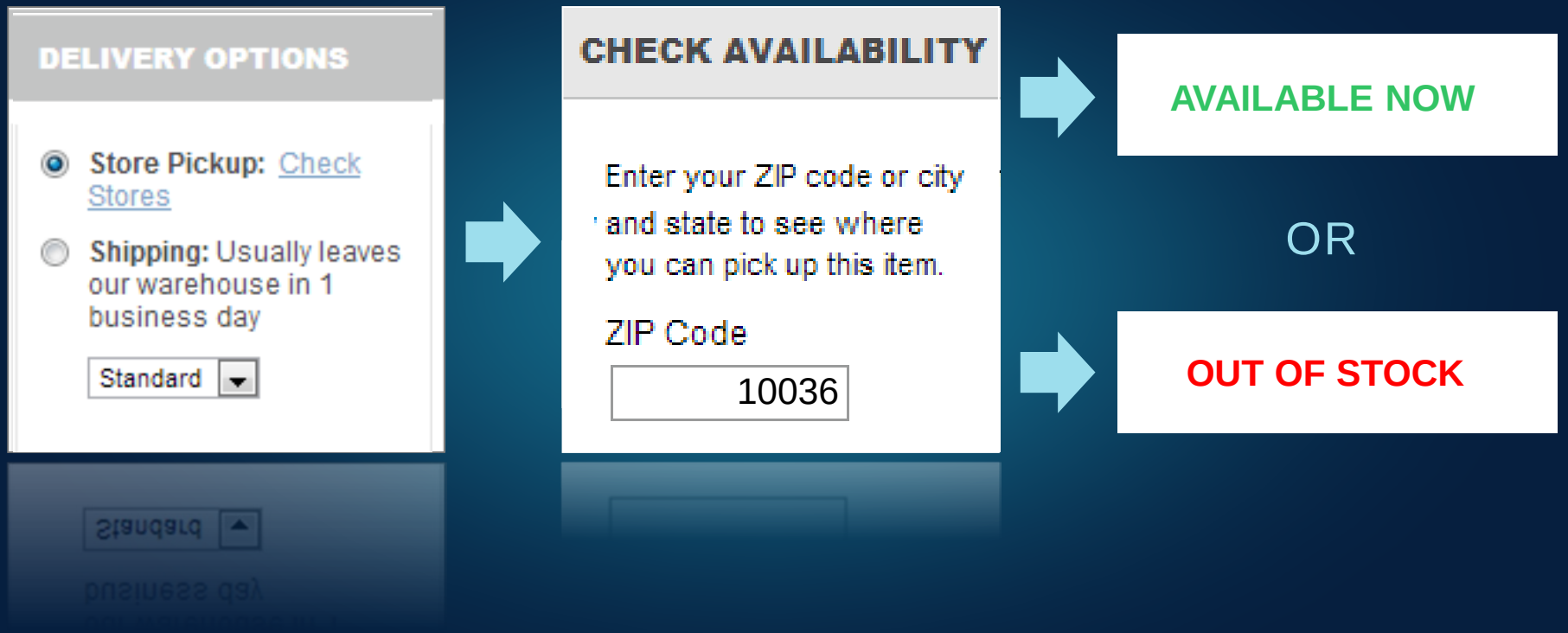
Morgan Stanley

alphawise

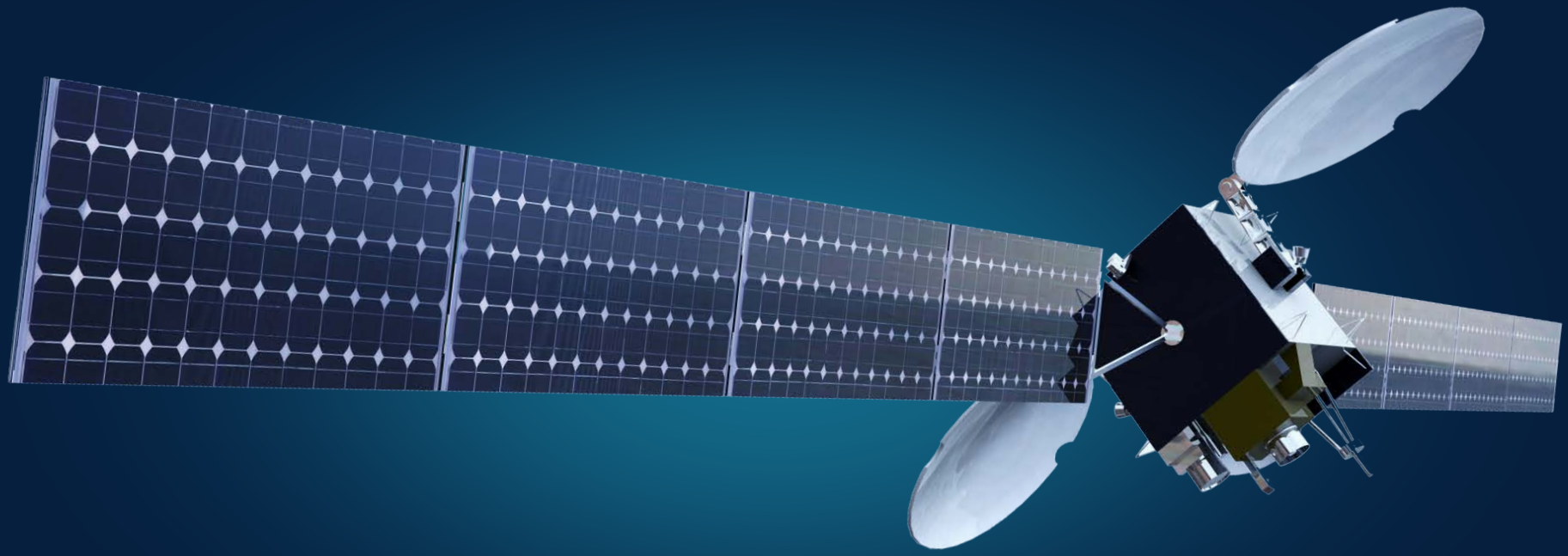
evidence-based research

AlphaWise

AlphaWise


DELIVERY OPTIONS
Store Pickup: Check Stores
Shipping: Usually leaves our warehouse in 1 business day
Standard
CHECK AVAILABILITY
Enter your ZIP code or city and state to see where you can pick up this item.
ZIP Code
10036
AVAILABLE NOW
OR
OUT OF STOCK

AlphaWise



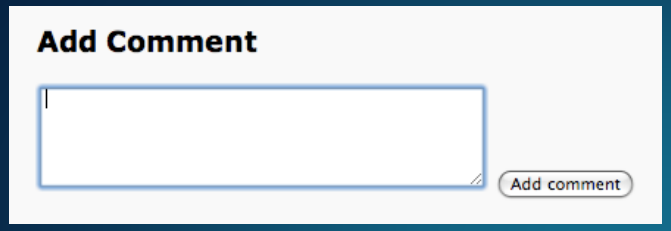
AlphaWise

Social Networks Reshape the Flow & Control of Information

Incumbent Models

Information Sharing and User-Generated Content

twitter

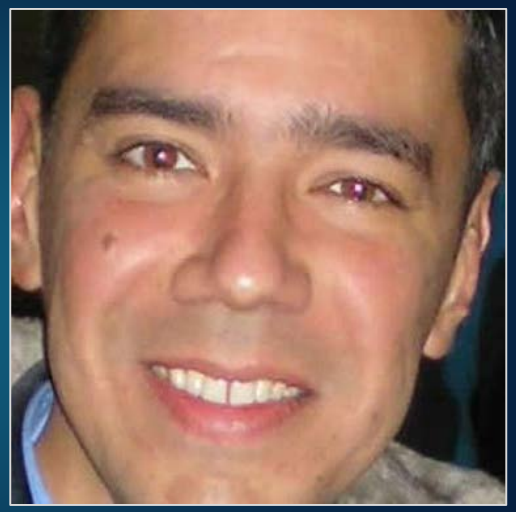


WIKIPEDIA

facebook

LinkedIn

Social Grid Profound Changes in Communication



Social Grid Profound Changes in Communication

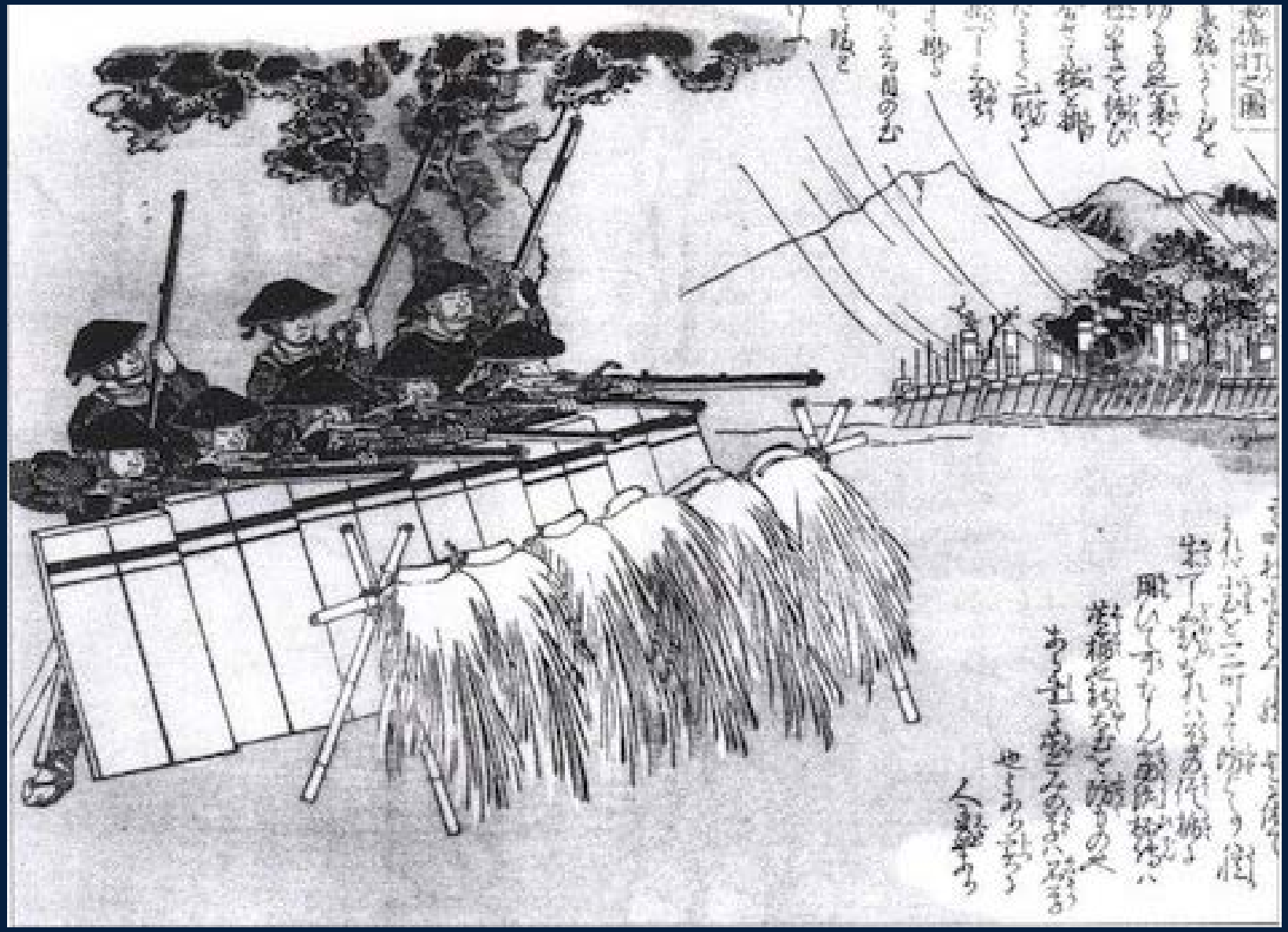
Cloud Eliminates Technology as Barrier to Competition

Competing with Technology to be the Best

Competition with Technology to be Different

The Game Is Still the Same

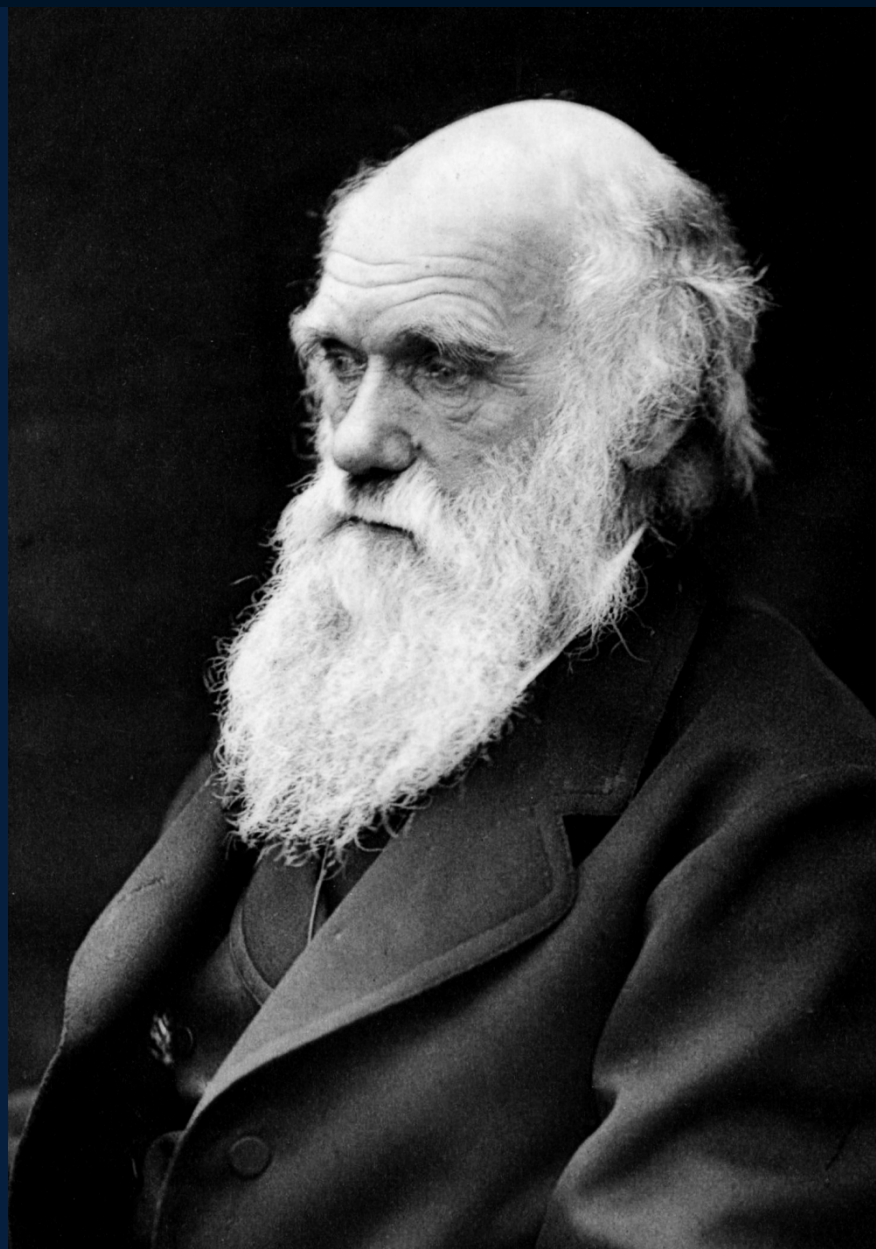
Technology Advantage



Start Evolving Today

> It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change.
>
> In the struggle for survival, the fittest win out at the expense of their rivals because they succeed in adapting themselves best to their environment.

Charles Darwin,
The Origin of Species



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Technology Change in Financial Services

Barry Hurewitz