Anticipating the Future





Garry Golden Forward Elements May 22, 2018



Warm up Foresight 101



Changes Ahead 2018 – 2030



Learning More



In the News

UK's NHS (CHOICES) is partnering with Google's DeepMind Health to bring AI-driven healthy living to families with children.

During the pilot, families receive a stipend for food purchases in exchange for Google's *AI* guiding supermarket purchases and meal preparation. Food stipends are increased when youth health outcome targets are met.



DeepMind Health





Context of the Creepy Line

Google

Inevitability of Dealing with the Creepy vs Compelling Line around...

Health & Wellness Experiences Member Experiences

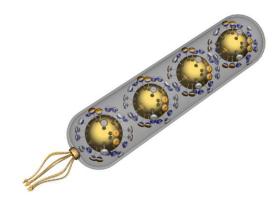
The Not so Far Away Creepy vs Compelling Lines of...







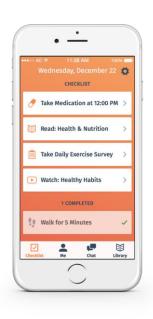
Sequencing Everything



Functional Nano-materials

The Creepy vs Compelling Line of...

Digital... Design Thinking... Behavioral Science

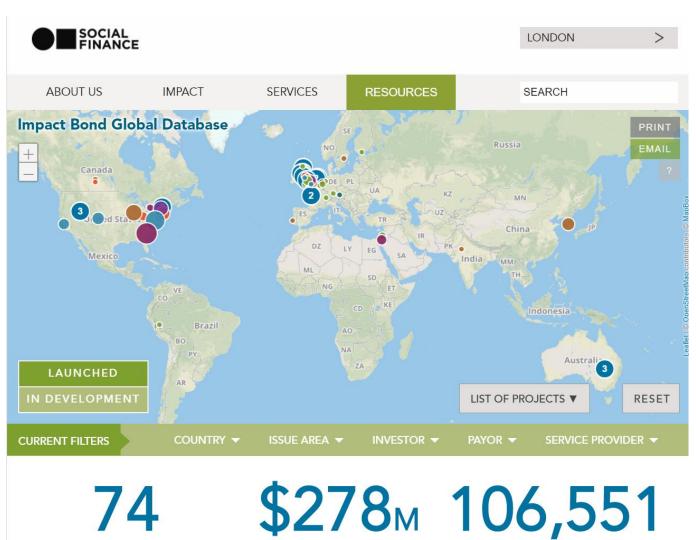








Creepy vs Compelling Funding Models: Social Impact Bonds



IMPACT BONDS

CAPITAL RAISED LIVES TOUCHED

Every day I make an effort to move toward what I do not understand.

- Cellist, Yo-Yo Ma

Four Futures Thinking













Collapse

Continued Growth

Disciplined Constrained







Four Futures Thinking









Continued Growth

Disciplined Constrained

Transformed

Decline Collapse

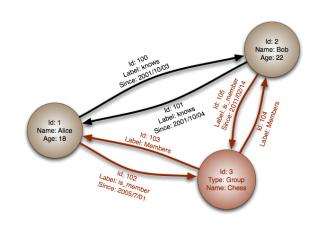


Changes Ahead 2018 – 2030



Learning More

What is our Bridge Strategy to 2030?



Data-Driven InnovationPeople, Partnerships & Policies



Health & Wellness



How might we rethink our investments in people, partnerships and policies that are able to bring data-driven innovation to our members?

Lots of talk about Data & Outcomes.... Data & Experience Design



Johanna Blakley @Mojojohanna · 1h
"Why don't we give data like we give blood?" - Alan Freeman #neaarts #NEACVP
#artsdata

Can we all agree...?

Data isn't truth, but language. It can help us decide or express the truth, but data never is the truth.

- Deanna Day

Social Norms for the Anonymous-Access Web 1993

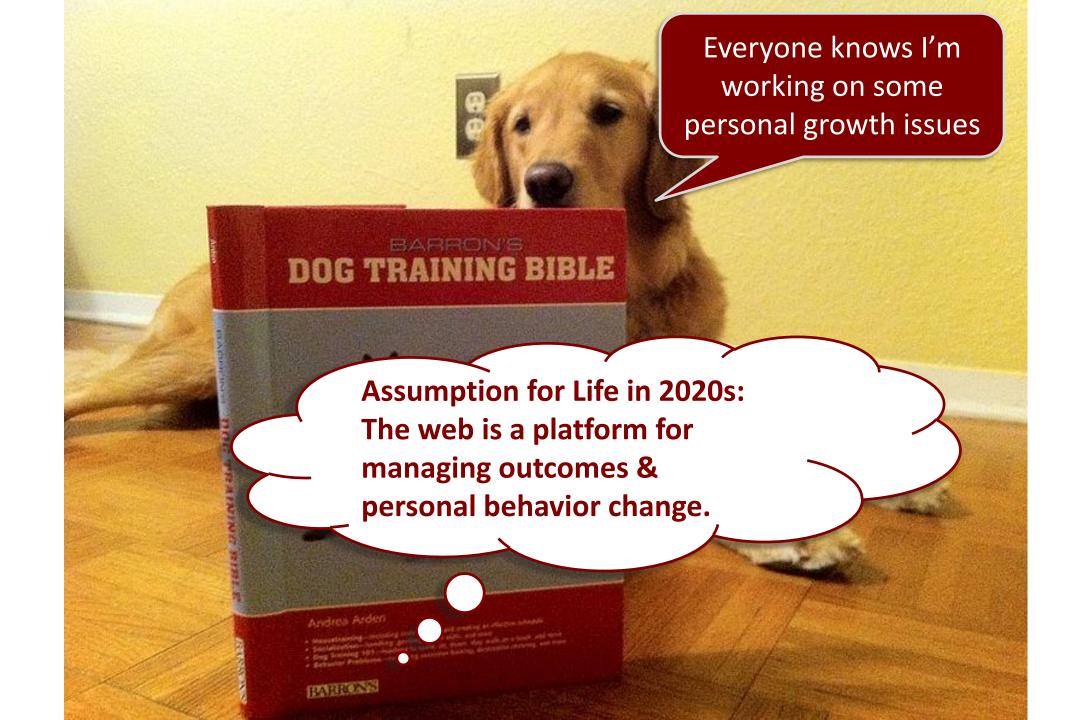


"On the Internet, nobody knows you're a dog."

"On Facebook, 273 people know I'm a dog. The rest can only see my limited profile."

Social Norms & the Social Web 2008







Social Data



Health Data



Device + Infrastructure



"I did this..."

Learning & Life Experience Data

Signal from L&D: Experience Data is coming (How far might it go?)



Activity Streams <Actor, Verb, Object> "I did this"

First Demand for Experience Data? Connect Training to Outcomes





"I did this..."

Statements
Seamless Integrated into
Software + Connected Devices



Scenario for 2020s: Experience Data Leaps from L&D Into Everyday World

Scenario: Talent Embraces Experience Capture Analytics



☐ Lucy <i>read</i> an article on virtual reality for aging populations
☐ Lucy opened an Evernote folder on aging solutions
☐ Lucy <i>watched a</i> Youtube video on Social VR Experiences for Aging Boomers
☐ Lucy <i>interviewed</i> the Director of MIT's Age Lab
☐ Lucy <i>attended</i> an MIT workshop on VR simulations
☐ Lucy wore an 'aging suit' at MIT Age Lab
☐ Lucy <i>mentored</i> with the Director of MIT Aging Lab
☐ Lucy <i>designed</i> a new VR social space using Facebook Oculus dev kit
☐ Lucy <i>demonstrated</i> her VR experience for Aging populations at a NYC Meetu
☐ Lucy wrote a blog post highlighting VR social engagement for seniors
Lucy taught a Coursera MOOC on Universal Design and VR experiences
Lucy was hired as head of Social VR for Aging Populations at AARP

Scenario: AARP Members Embrace Experience Analytics







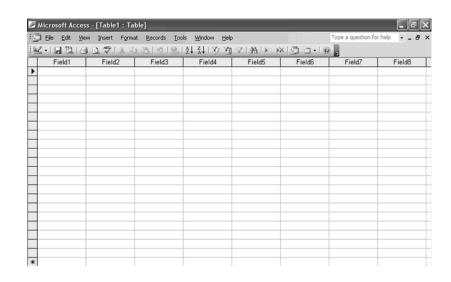
Assumption to Explore

By 2025, Experience Data Will Become Our Member's and Our Organization's Most Valuable (+ Controversial) Digital Asset.

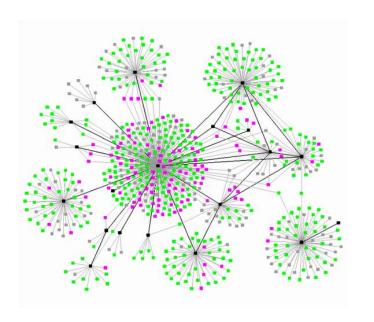


How do we approach regulatory?
How do we avoid the creepy line?
How do we make sense of it?

Building a Connected Data Foundation for 2030



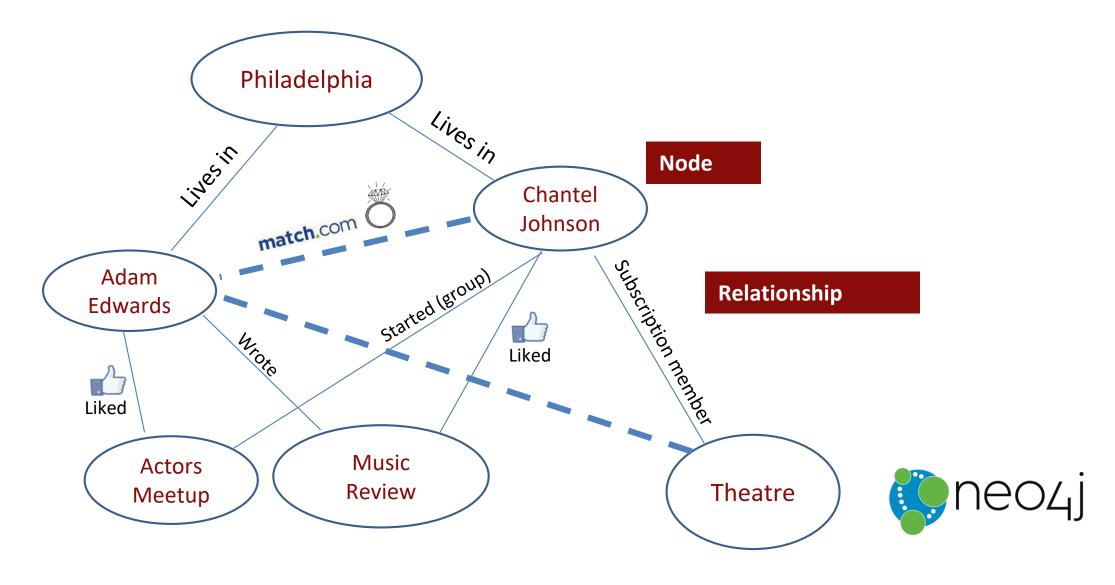
Tables = Past





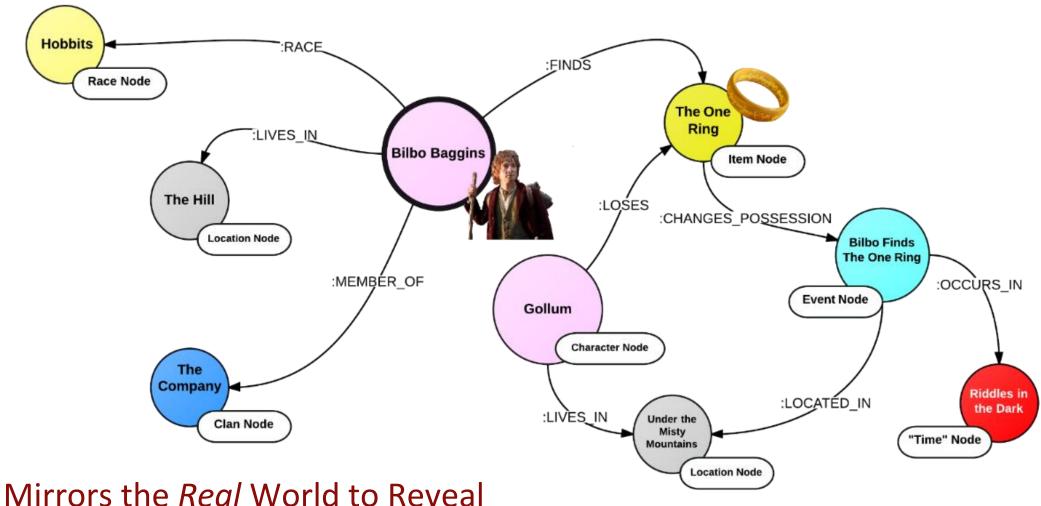
Graph Thinking = Future

Graph Analytics Drive Understanding in Relationships & Recommendations



Understanding Relationships, Connections & Pathways

How might we use graph analytics to transform the member journey?



Influencer Profiles, Decision Pathways and Recommendations

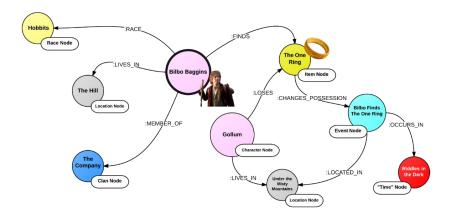
Assumption:



Experience Data & Graph Analytics Transform Member Experience



2010s
Dynamics of
Social Graphs

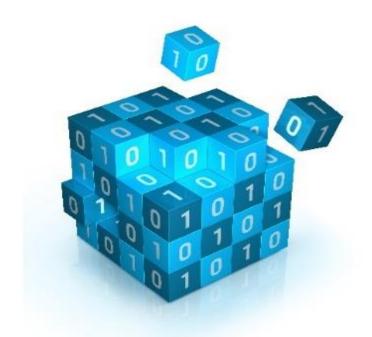


2020s-2030s

Dynamics of

Experience Graphs

... but what about Trust & Privacy Concerns

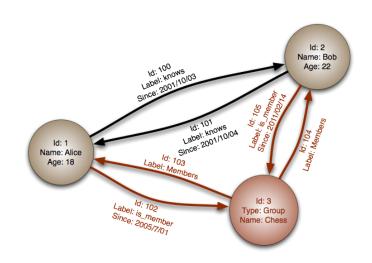


Blockchain for Identity Services & Decentralized Control of Data

People, Partnerships & Policies for Data-driven Innovation

By 2030, what type of new questions might we be able to ask about our member communities?

... what new services might we provide?



Push xAPI / LRS Beyond L&D









Learning Curve Starts Now!

Graph Analytics







Get Involved in Working Groups

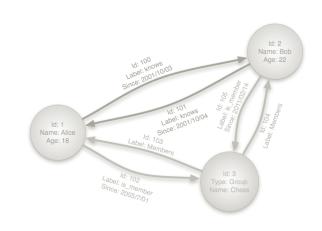






What is our Bridge Strategy to 2030?





Data-Driven Innovation
Graph Thinking + Outcomes World



Health & Wellness



How might we help members and key stakeholders understand the transformation ahead of *Deep Digital Health Literacy* and the shift to *Population Health* strategies?

The Healthcare & Wellness Transition



Physician-Patient Care
Fees for Activity

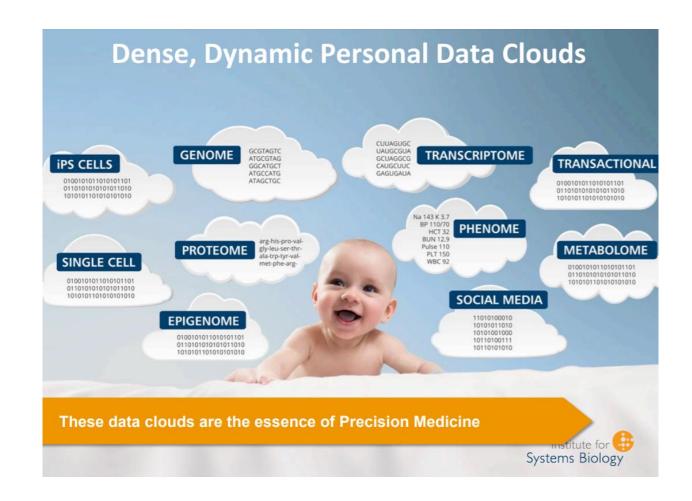
Population Health /
Social Determinants
Fees for Outcomes

Moving Beyond Data from Wearables



Dr Lee Hood

Million Data Points Per Person



Emergence of Wellness as a Service



PRODUCTS May 16, 2018

MetLife and Ernst & Young Create Multi-Channel Wellness Program

The solution will focus on behavioral change by providing personalized wellness plans, according to MetLife.

21 May 2018

Amazon develops 'health and wellness team within Alexa division'

One Last Thought...

Autonomous Era = Platforms as Place-based Services



e-palette





Learning More

Step # 1

Create a Healthy Sense of Urgency & Culture Aligned Around Anticipation

On the Plateau: Incrementalism

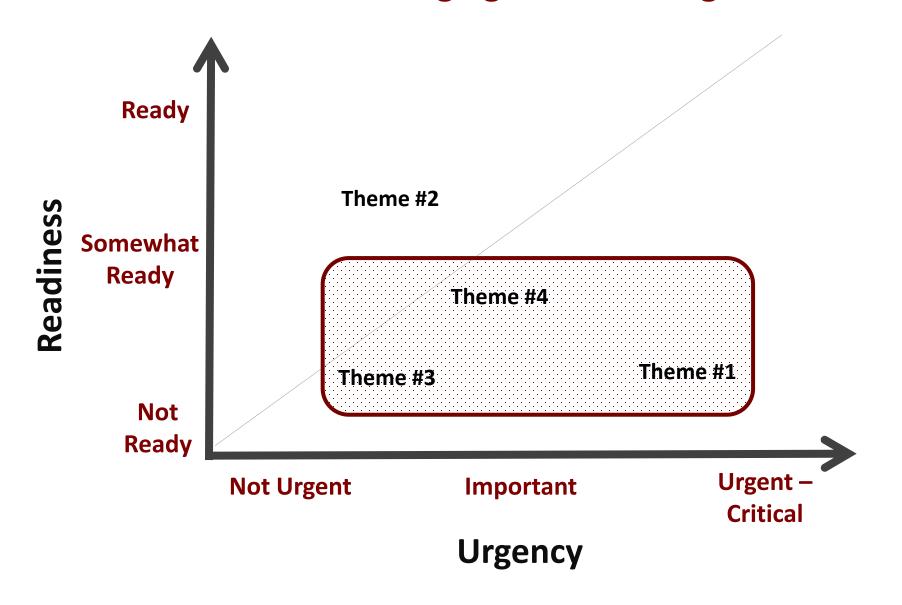
- Incumbent mindset
- Incremental Improvement
- Fear, Uncertainty, Doubt & Denial

Small Steps on Big Bets

- Entrepreneurial mindset
- PrototypingTransformative Change
- Failing Forward

Step #2:

Take a Pulse Check on Emerging Trends vs Organizational Appetite



Step #4

In Five Years... Provocative Explorations of New Conditions & Capabilities

In five years... what capability that does not exist today but will be our most innovative lever of change?

In five years... which popular consumer brand today could make one of our efforts irrelevant?
(Or become our most important partner!)



Step #5
Host a FailFare!

Be Able to Tell Stories of Your Failures



Thank you!

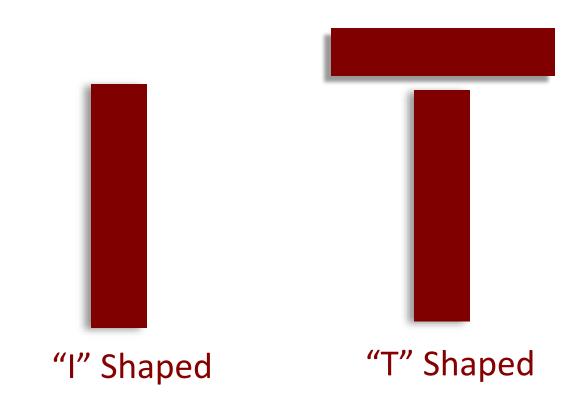
Garry Golden
garrygolden@gmail.com (Two Rs)

PDF & Resources: garrygolden.com/May22



Skill Sets + Mindsets for the Future

Imagine Our Growth as a T-Shaped Culture



T-shaped Story

Broad set of Skill Sets & Mindsets

Depth of Subject Expertise

Encouraging Breadth of Skills that...

- ☐ Appeal to organizations hiring *learners*
- ☐ Embraces curiosity amidst uncertainty
- ☐ Shows desire to integrate solutions
- Service/Experience Design
- Data Science
- Design Thinking
- Visual Communication
- Ethnography
- New Digital Literacies (e.g. Working with A.I.)

- Leadership
- Values / Ethics
- VR + AR Storytelling
- Entrepreneurship
- Behavioral Economics
- Sociology / Demographics
- Foresight