

"We suffer more often in imagination than in reality."
-Seneca the Younger

Quantifying Microaggressions

Jordan Clark







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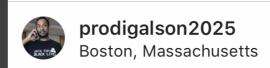








Liked by celest3xoxo, docfe.p and 39 others prodigalson2025 "You know I'm sensitive I got a gentle mental Every time something happen they want me sent to mental" #WouldntLeave #iHatebeingBiPolariTsAwesome #KanyeWest #MentalHealthAwareness

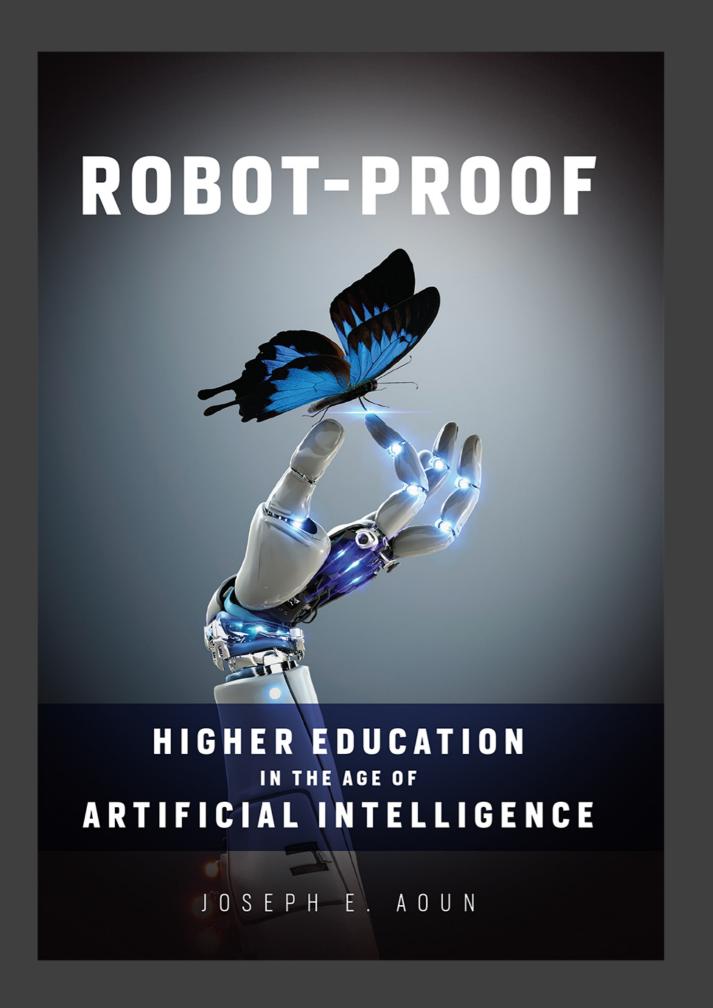


Thate being
Bi-Polor
Its awesome



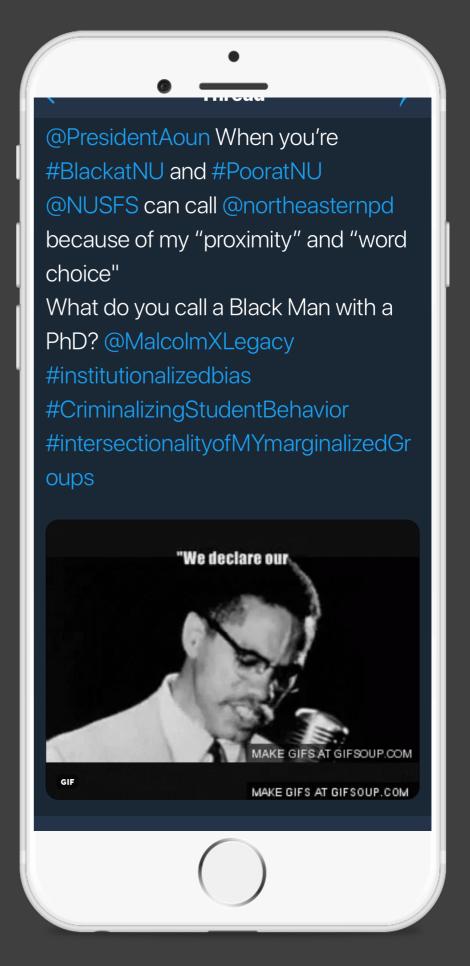
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#MentalHealthAwareness





























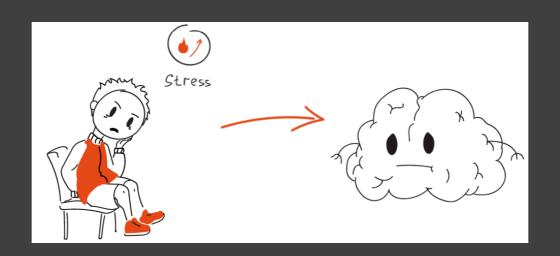


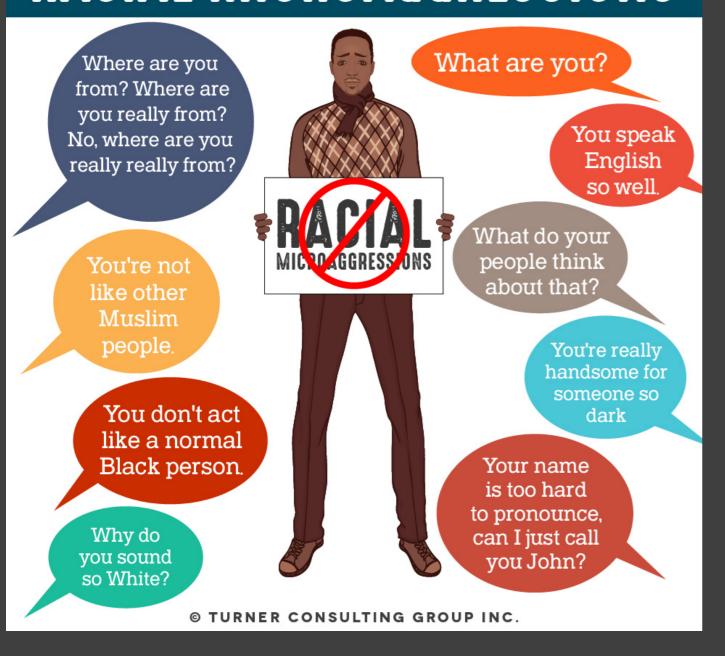




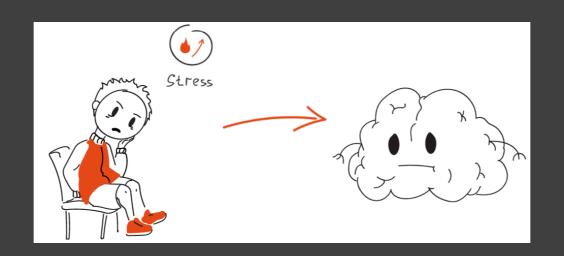


Why?





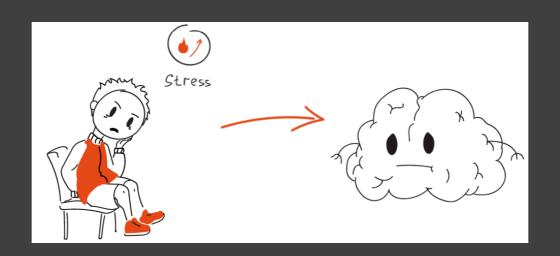
- ·racial
- sexual orientation
- ·disability
- •gender





racial 💍

- sexual orientation
- disability
- •gender



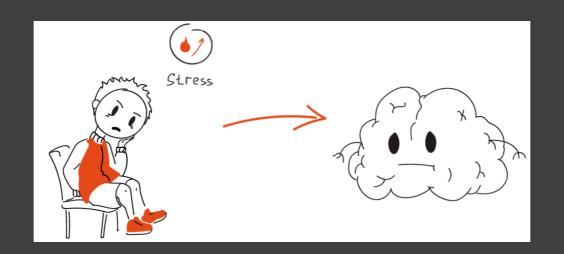


racial 👺

sexual orientation

·disability

•gender





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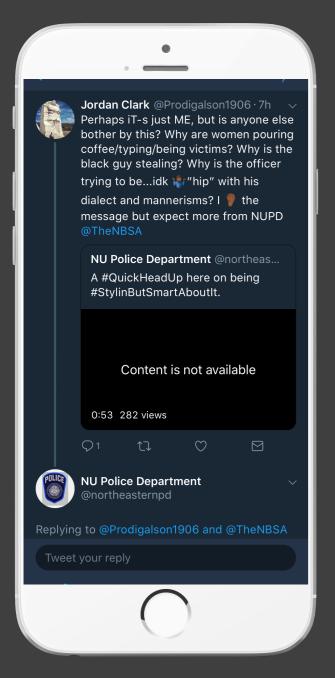
racial 👺

sexual orientation

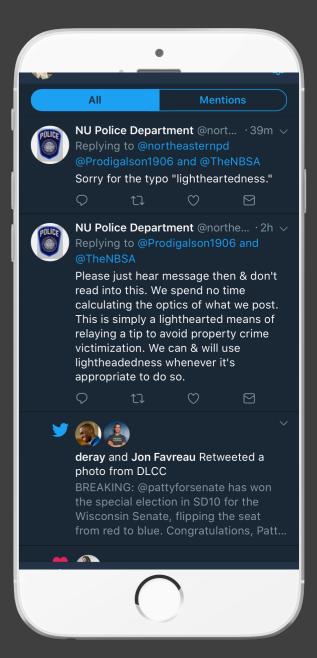
disability

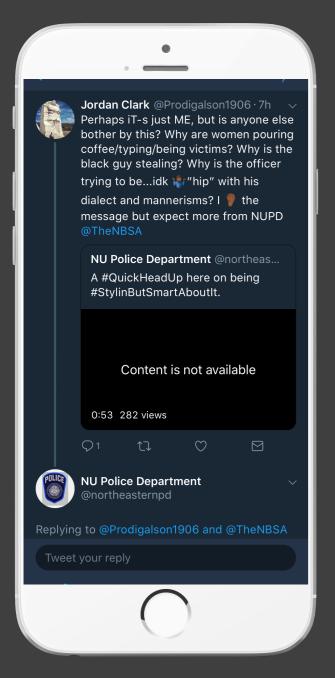
•gender

#intersectionalityofmyMarginalizedGroups

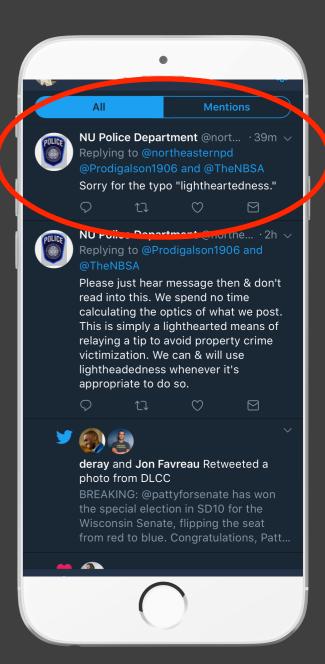










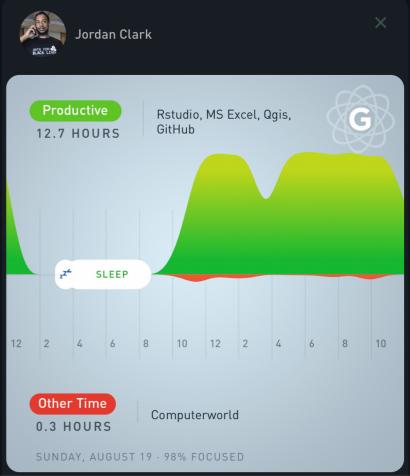


How?

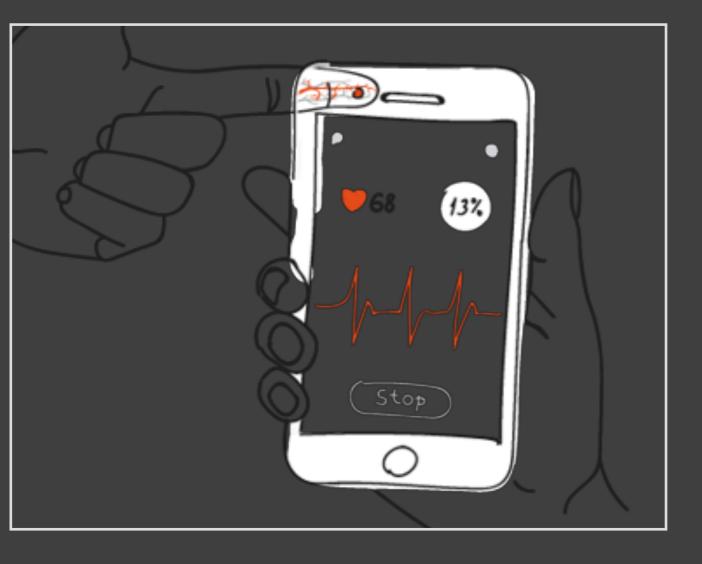
Steps Sleep Heart rate HRV Location Computer Productivity Running Cycling Workouts Weight Body fat Calories Music Meditation Mood Oral Hygiene Water iPhone usage

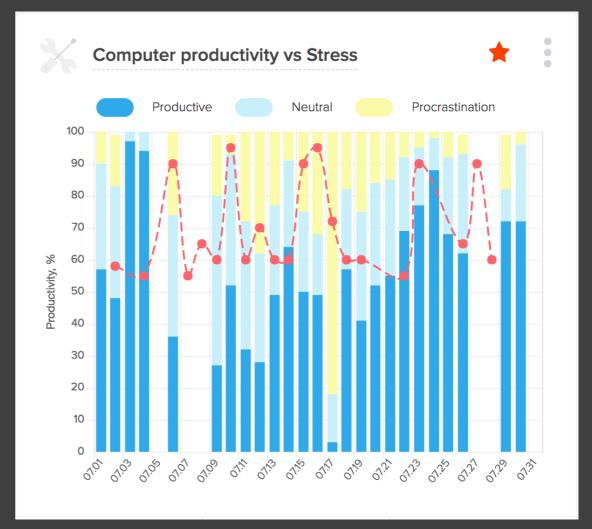


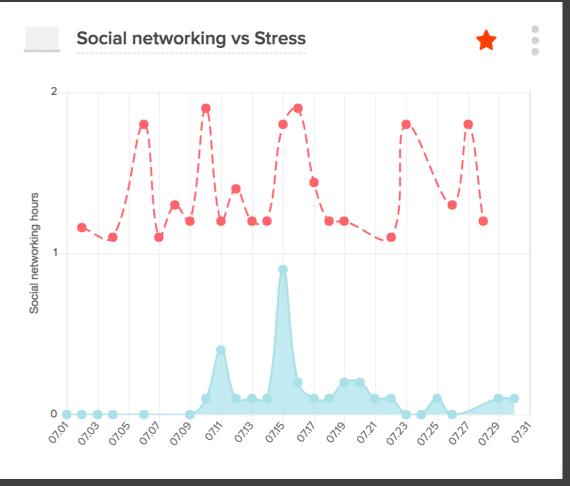




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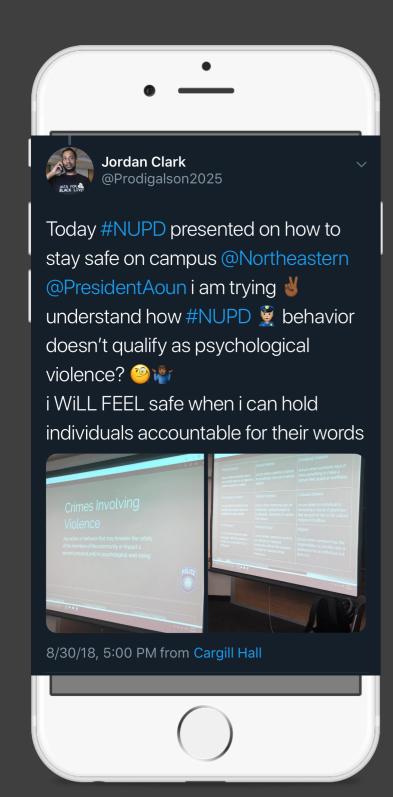






What?

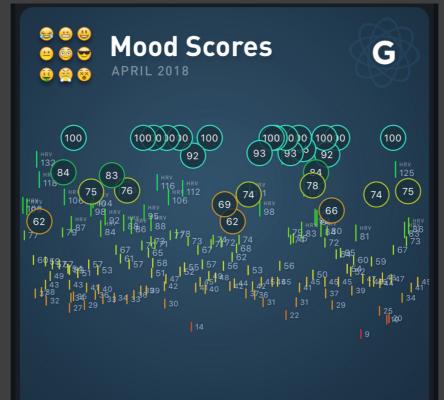




















RISE:2918

RESEARCH, INNOVATION AND SCHOLARSHIP EXPO

Graduate Category: Interdisciplinary Topics, Centers and Institutes Northeastern University

Degree Seeking: Urban Informatics

Abstract ID# 2001

Quantifying the Black Experience in the Age of Humanics

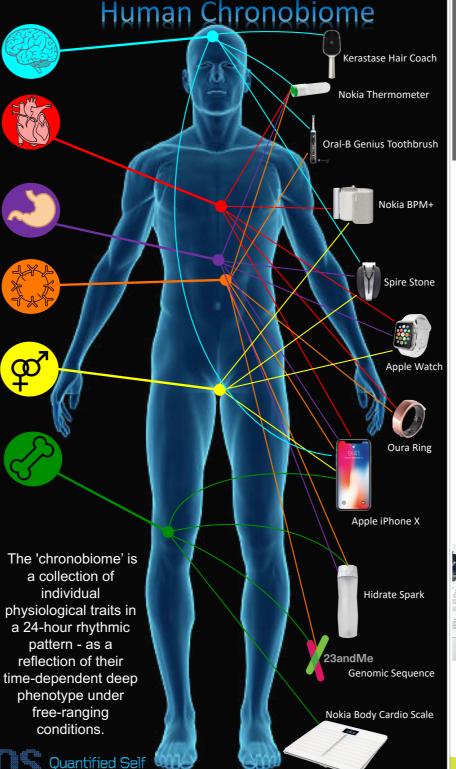
ROBOT-PROOF ARTIFICIAL INTELLIGENCE

"Cultural Agility requires a deep enough immersion in a culture so that we can fit seamlessly into multicultural teams or get results from people who have dramatically different lives from our own." -Joseph E. Aoun

Jordan E. Clark

A Robot-Proof Model for the Digital Era

Dr. Martin Luther King, Jr. Fellow





Method

Gather data from multiple metric sources and use algorithms to discover hidden patterns of behavior affecting health and decision making.



Impact

The unique feature about my innovation is... immersive experiences to confront cultural bias in Augmented/Virtual Reality.





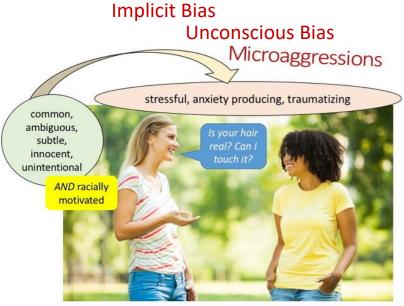


We turn aggregated data into racially coded virtual reality experiences where students can increase their cultural competency and agility. Using electroencephalography (EEG) neurofeedback system we can address implicit bias in real-time while providing quantifiable measures to build empathy and decrease Microaggressive behaviors.

Abstract

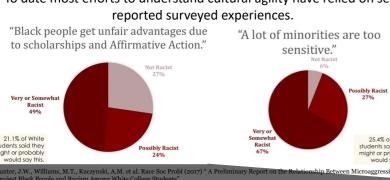
The goal of Quantifying the Black Experience study is to develop measures, models, and predictions that offer actionable information for measuring cultural agility. The research is driven by the hypothesis that the lack of cultural competency on an individual and institutional level, can have negative unintended health effects for black students on college campuses, By leveraging technological advancement in emotion artificial intelligence, we can design predictive analytic models and algorithms to measure cultural agility. In doing so, we visualize cultural bias not as an individual phenomenon, but as a collective struggle to increase our cultural awareness. The aim of the study is to understand patterns of human behavior by integrating data collected from remote sensors, physiological and mood-aware technologies to assess the feasibility of detecting time dependent signals to the human chronobiome. This Robot-Proof model will not only analyze data, but offer personalized recommendations on how our environment impacts our lives. The innovative solution to increasing cultural competency is to provide personalized, immersive experiences for students to confront cultural bias in Augmented/Virtual Mixed Reality.

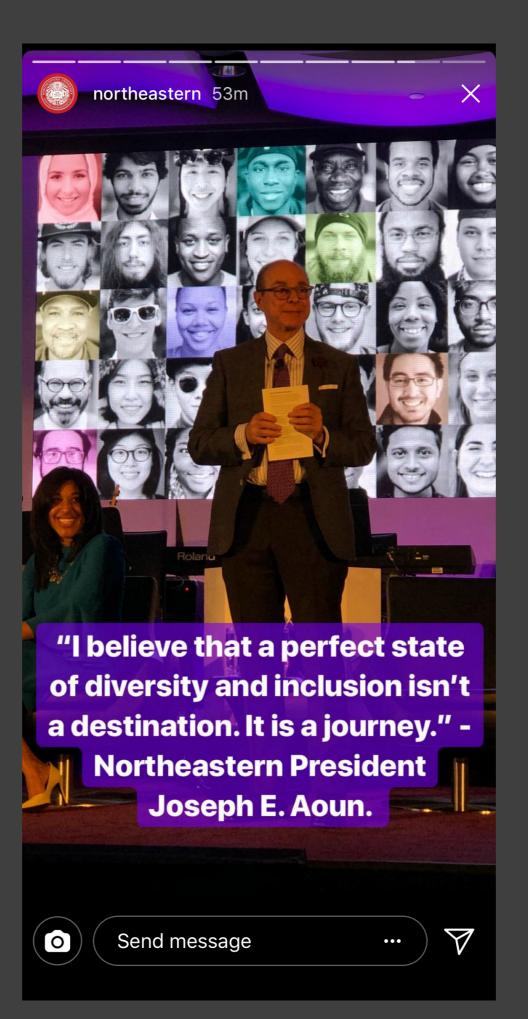
This solves the problem of... negative health effects caused by a lack of cultural competency.

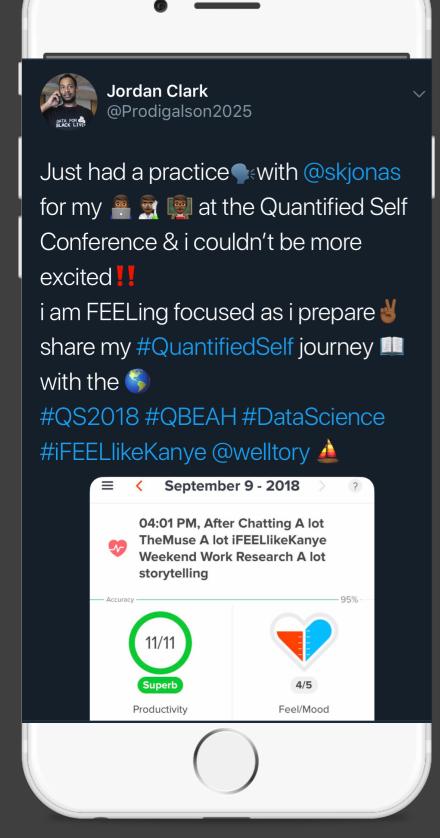


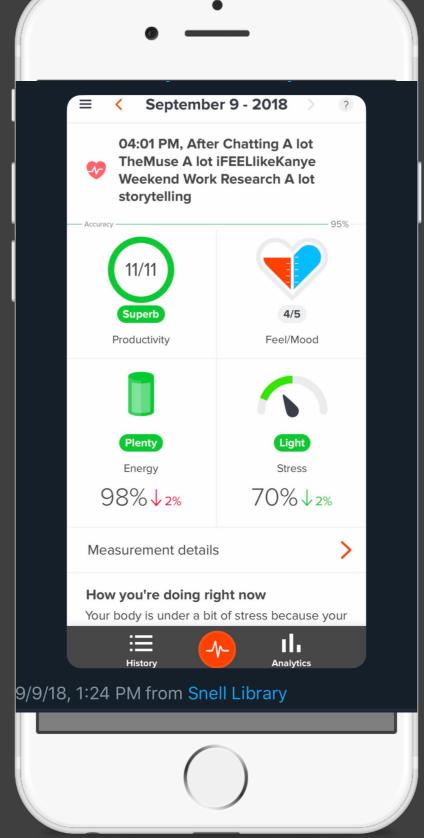
Data

To date most efforts to understand cultural agility have relied on selfreported surveyed experiences.









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