Background

- Currently Director of Programs at Digitunity (www.digitunity.org)
  
  Mission to eliminate the technology gap

- Formerly Director of Education at Providence Public Library in Providence, RI (www.provlib.org)
  
  Robust collaboration of workforce development, adult education and afterschool programming in RI
Data Literacy Journey

They can’t do it.

We can’t do it.

They have to do it.

We need to do it.

We want to do it.
Data Literacy Journey

How?

- Data Literacy Classes for Teens
- Data for Good
- Tableau Racial Equity Hub and Technology Gap Map
- Resources
# Data Literacy Classes for Teens

## Structure
- Afterschool
- During the school day
- Summer employment
- Project based

## Audience
- High school students
- Highly diverse
- Charter High School Nursing students

## Partnerships
- RI Dept of Education
- Afterschool Alliance
- Businesses
- Workforce Development
- Roger Williams University
- Civic Switchboard

## Funding
- Advanced Course Network
- City and state summer employment and workforce development
- Corporate grants
- IMLS

## Challenges
- Adapting to various structures and requirements
- Finding instructors
- Non-native English Speakers
- Finding data

## Outcomes
- High school and college credit
- Students taking next step
- Hiring students as TA's
Data For Good

**STRUCTURE**
- For youth, summer employment program and school year
- For adults, part of Tableau User Group

**AUDIENCE**
- High school students
- Adult professionals
- Job seekers
- Volunteers

**PARTNERSHIP**
- State Workforce System
- Community Nonprofits
- Tableau

**FUNDING**
- City and state workforce development funds
- Library funds
- IMLS

**CHALLENGES**
- Figuring out structure
- Very few challenges

**OUTCOMES**
- Nonprofits stronger
- Increased skills and experience
- Networking
- Employment
Tableau’s Racial Equity Data Hub

Feeding America: Identifying Racism in the Drivers of Food Insecurity
This dashboard from Feeding America tracks five key variables that impact one’s ability to access food—poverty, disability, homeownership, unemployment, and median income. Explore each of these indicators at the state and food bank level to understand how systemic disenfranchisement shows up as racial disparities across these five indicators and ultimately food insecurity.

Dr. Lawrence Brown: Baltimore’s Black Butterfly and White L
This visualization focuses on hypersegregation in the city of Baltimore. Dr. Lawrence Brown, a professor at Morgan State University, connected the description of the Black Butterfly and the White L to show the geography of entrenched racism and the sharp divides between white and Black neighborhoods. The dashboard shows how these divides manifest geographically across the city.

Campaign Zero: Police Scorecard
In this comprehensive, unique data resource, users can explore data on over 30,000 police and sheriff’s departments across the U.S. The data covers a range of indicators related to racial bias in policing, from department budgets to use of force to complaints of misconduct. Data is accessible at the departmental level and also presented nationally for a comparative view.

Digitunity’s Technology Gap Map
How deep is the technology gap in your nation and your state and county?

United States - % of Households

- More than One Device: 72.4%
- Desktop or Laptop Only: 27.7%
- Smartphone Only: 4.9%
- Tablet Only: 0.7%
- No Computer: 11.6%

United States & its counties to fill population and demographic data

Data Source: Internal Digitunity Data
Lessons Learned

CONTEXT MATTERS
Who, What, Why, When

ROLE OF LIBRARY
Providing the fish or Teaching how to fish

GROWTH
Count on it
1. Providence Public Library’s Data Literacy Programs:
   - [https://www.provlib.org/education/teen-squad/data-navigators-2-0/](https://www.provlib.org/education/teen-squad/data-navigators-2-0/)
   - [https://www.provlib.org/education/teen-squad/summer-data/](https://www.provlib.org/education/teen-squad/summer-data/)
   - [https://www.provlib.org/education/technology-training/](https://www.provlib.org/education/technology-training/)
   - [https://www.provlib.org/education/adults/rhode-island-tableau-user-group-ritug/](https://www.provlib.org/education/adults/rhode-island-tableau-user-group-ritug/)
   - [https://www.provlib.org/education/adults/rhode-island-tableau-user-group-ritug/data-for-good/v](https://www.provlib.org/education/adults/rhode-island-tableau-user-group-ritug/data-for-good/v)

2. Tableau’s Data Literacy For All
   - [https://www.tableau.com/learn/data-literacy](https://www.tableau.com/learn/data-literacy)

3. Civic Switchboard
   - [https://civic-switchboard.github.io/](https://civic-switchboard.github.io/)

4. Tableau Racial Equity Data Hub
   - [https://www.tableau.com/foundation/data-equity](https://www.tableau.com/foundation/data-equity)

5. Urban Institute’s Do No Harm Guide

6. Digitunity’s Technology Gap Map
   - [https://www.digitunity.org/the-issue/](https://www.digitunity.org/the-issue/)