



data
.org @ 5

A mother and her children looking at IDInsight's platform on their mobile device. Partnering with Last Mile Health and Ethiopia's Ministry of Health, IDInsight focuses on an AI-powered call center that Health Extension Workers (HEWs) can contact for real-time medical guidance on complex cases. Photo by IDInsight





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Cover photo: Munki Devi and her self-help group using data to identify projects and solutions to broaden and better their lives and communities in rural India. Photo by Frontier Markets.

Participants at the Eiverse TRACE Summit in 2023 at the Pontifical Javierian University in Bogotá, Colombia. Photo by Pontifical Javierian University.



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About data.org

Democratizing data, for good.

data.org is accelerating the power of data and AI to solve some of the world's biggest problems. By hosting innovation challenges to surface and scale groundbreaking ideas, and elevating use cases of the most effective tools and strategies, we are building the field of data for social impact. By 2032, we will train one million purpose-driven data practitioners, ensuring there is capacity to drive meaningful, equitable impact.

Making the Case

In our innovation challenges and community engagement, we invest in, amplify, and scale strategies that work in data and AI. We showcase what great data for social impact looks like to instruct, empower, and connect others.

Developing Capacity

We will only reach our goal of training one million purpose-driven data practitioners by 2032 through interdisciplinary, locally-led programs. Our growing and diverse global network of partners—including five Data Capacity Accelerators worldwide—is driving workforce development across sectors and across borders, inspiring a new generation of problem solvers.

Strengthening Community and Commons

We support, create, and drive adoption of digital public goods that have the power to transform the ecosystem. We foster connection, collaboration, and transparency among developer, funder, and user communities so that the knowledge we share is sustainable and accessible to all. The data.org library of resources is always evolving, from our easy-to-use playbooks to conversations with experts that provide a roadmap for enhancing an organization's data maturity. Our team is based all over the world, and brings global perspectives forged in academia, technology, philanthropy, and the social impact sector.

Our Partners

We are deeply grateful for the vision and support of our founding partners, the Mastercard Center for Inclusive Growth and The Rockefeller Foundation.

Our initiatives create and activate partner networks to drive data and AI in social impact. Beyond our founding partners, we are actively developing new partnerships to support existing and future programming.



center for
inclusive growth



While the private sector has been gathering data and using data science analytics, such as artificial intelligence, for many years, most nonprofit, civic, and public sector institutions still lack the resources to do so. Data science can increase the speed, depth, and accuracy of analyzing a social challenge, pointing to solutions, partnerships, and innovative investments that can provide impact."



Dr. Rajiv J. Shah
President
The Rockefeller Foundation

Solar Sister entrepreneurs Suzanna Simon and her neighbor, Mary, walking in a Maasai village in northern Tanzania. Photo by Solar Sister.



What we're doing at the Center is creating capacity for the social sector to realize the power of their own data to put it to use for social good. That's the basis of this partnership and the creation of data.org — to actually create a new institution, a new way of doing this work using new technology and new data resources."



Shamina Singh
Founder & President
Mastercard Center for Inclusive Growth

5 Years of Impact



2020

2021

2022

JANUARY

- **Awardees of the Inclusive Growth and Recovery Challenge announced**

JUNE

- Published the Data for Good landscape

AUGUST

- Launched the new brand and website

SEPTEMBER

- **Epiverse launched: Wellcome and The Rockefeller Foundation fund new initiative for epidemic response**

JANUARY

- **The Rockefeller Foundation and the Mastercard Center for Inclusive Growth launched data.org at the Annual World Economic Forum Meeting in Davos, Switzerland**

MAY

- data.org launched the \$10M Inclusive Growth and Recovery Challenge



FEBRUARY

- Data Maturity Assessment (DMA) and Resource Library launched

MARCH

- Epiverse expanded to Latin America with addition of Universities Javeriana and Los Andes
- New Report: *Rising Equitable Community Data Ecosystems (RECoDE)*
- **Capacity Accelerator Network (CAN) launched: Mastercard Center for Inclusive Growth funds capacity development in the field of data for social impact**

APRIL

- US Data Capacity Accelerator launched in Chicago, IL, USA

JUNE

- New Report: *Workforce Wanted: Data Talent for Social Impact*

SEPTEMBER

- CAN expanded with additional award from Wellcome to drive workforce development for climate and health

NOVEMBER

- Africa Data Capacity Accelerator launched in Accra, Ghana

JANUARY

- New Report: *Accelerate Aspirations: Moving Together to Achieve Systems Change*
- Microsoft DMA Cohort launched

MARCH

- **under/over campaign launched**
- DMA Milestone: 1,000 users

MAY

- India Data Capacity Accelerator launched in New Delhi, India

JUNE

- Generative AI Skills Challenge launched with Microsoft

NOVEMBER

- data.org partnered with the World Health Organization (WHO) on global health response
- New Report: *The Data Ecosystem Designer: Designing the Future of Responsible Digital Public Goods*
- **Awardees of Generative AI Skills Challenge are announced**

DECEMBER

- under / over campaign won the Anthem Award



2023

2024



JANUARY

- New Playbook: *Data Science for Social Impact in Higher Education* launch, the first of three published in 2024

APRIL

- New platform capabilities, including AI-powered Search launched
- DMA Milestone: 2,000 users

JUNE

- **Accelerate Conference in Cambridge, MA, USA**
- Artificial Intelligence to Accelerate Inclusion (AI2AI) Challenge launched with the Mastercard Center for Inclusive Growth

NOVEMBER

- PETs for Public Challenge hackathon and showcase in Cambridge, MA, USA
- Asia Pacific Data Capacity Accelerator launched in Singapore, Singapore

DECEMBER

- **Awardees of the AI2AI Challenge are announced**

Global Innovation Challenges

data.org, in partnership with the philanthropy and technology sectors, operates global challenges to surface innovative and scalable approaches that leverage data and AI for social impact. Challenge awardees are exemplar organizations advancing the field and delivering tools and solutions for the most pressing issues impacting millions worldwide. Awardees benefit from access to capital, technical assistance, and a network of peers. Insights from data.org Challenges are used to benchmark the field and influence targeted investment in field and capacity building.

BY THE NUMBERS

\$30M+

in follow on funding catalyzed for innovation challenge awardees

2,410

innovation challenge entries from over 150 countries.

5,000+

people trained in data and generative AI skills



A BASE cold room and pilot site, set up by Koel Fresh in Keonjhar, Odisha, India. Photo by BASE.



data@base

The Link Health platform leverages AI to tackle the challenge of underutilized federal assistance programs. Photo by Link Health.



Artificial Intelligence to Accelerate Inclusion (AI2AI) Challenge

In 2024, we launched the Artificial Intelligence to Accelerate Inclusion (AI2AI) Challenge, a global call for existing innovative AI solutions seeking scale to accelerate inclusion and economic empowerment.

PARTNERS:



center for
inclusive growth



Awardees:

Quipu

Quipu has created an AI-driven credit alternative scoring model that bridges the financial inclusion gap for micro, small, and medium enterprises (MSMEs).

IDinsight

IDinsight powers an AI-driven call center that provides 40,000+ Health Extension Workers (HEWs) access to real-time medical guidance on complex cases.

International Rescue Committee

Signpost, IRC's AI-powered humanitarian infrastructure, provides critical information to displaced people impacted by conflict, disasters, poverty, and violence.

Buzzworthy Ventures

BEEKIND is an AI-driven mobile application that provides real-time insights to enhance the economic potential and resilience of India's small-scale beekeepers.

Link Health

The Link Health AI-powered platform enables more eligible individuals to receive public assistance to address immediate economic needs, foster long-term financial stability, and accelerate inclusive growth.

Privacy-Enhancing Technologies (PETs) for Public Health Challenge

In 2024, we launched a Privacy-Enhancing Technologies (PETs) for Public Health Challenge to create innovative differential privacy solutions to unlock privately held commercially sensitive data and enable optimal data-driven decision-making in epidemiology.



Awardees:

Imperial College London and University of Oxford

Multiscale PET data metrics for improved early detection and response to epidemics

University of Virginia, Georgia Tech, and University of Arizona

Joint deep learning and epidemic transmission model for public health analyses with differential privacy

Technical University of Munich

Privacy-preserving anomaly detection for early outbreak discovery

IIT Kanpur

Privacy-enhanced models for transactional data

Challenge awardees with Dr. Zulma M. Cucunubá, Dr. Bubacarr Bah, Dr. Uyi Stewart, and the HDSI team review their projects at the PETs for Public Health Challenge showcase in Cambridge, MA, United States.



JJ Townsend and Krystal Chatman of the Mississippi AI Collaborative at the inaugural Southern Spark Conference in Jackson, MS, United States. Photo by Mississippi AI Academy.

Southern
Spark
13, 20



Generative AI Skills Challenge

In 2023, we launched the Generative AI Skills Challenge to help train and upskill teams on generative AI to accelerate digital inclusion, socioeconomic mobility, and skills advancement and acquisition for workers from historically marginalized populations around the world.



Awardees:

Data Elevates

Data Elevates trained and upskilled Venezuelan migrant women on generative AI through a Massive Open Online Course (MOOC).

GIEVA

Global Integrated Education Volunteers Association (GIEVA) trained and upskilled women entrepreneurs in Northern Nigeria on the use of generative AI capabilities to create digital livelihoods.

Mississippi AI Collaborative

Mississippi AI Collaborative developed an ecosystem leveraging AI in the state of Mississippi, including an apprenticeship program and an intensive AI curriculum program for teachers, students, and businesses.

Myna Mahila Foundation

Myna Mahila Foundation trained their network of women “Rani Workers” in generative AI to power a text-based AI platform designed to dispel misconceptions around women’s health.

The Tipping Point

The Tipping Point provided in-depth training, thoughtfully curated prompt libraries, and generative AI-enhanced mentoring to educators in remote settings.

Inclusive Growth and Recovery Challenge

In 2020, we launched the \$10 million Inclusive Growth and Recovery Challenge as part of our commitment to building the field of data for social impact.

PARTNERS:



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inclusive growth



*Young woman accessing her financial institution through her mobile phone.
Photo by Women's World Banking.*



Awardees:

BUILD

BUILD provided public authorities and decision-makers in Denmark with tools to compare areas and identify those with less local economic opportunity.

BASE

BASE created data science-based mobile applications to enable smallholder farmers to access clean and efficient cooling, post-harvest expertise, and market intelligence.

Community Lattice

Utilizing historical data, Community Lattice created tools to understand environmental uncertainty and financial risk associated with brownfields redevelopment.

Fundación Capital

Fundación Capital delivered a data-powered recommendation system to deliver real-time labor market insights directly to informal workers, helping to increase their job opportunities and income.

GiveDirectly and the Center for Effective Global Action (CEGA)

GiveDirectly and CEGA developed a new model for targeting humanitarian support that enables cash transfers to be targeted effectively, accurately, and at scale to those who need them most.

Solar Sister

Solar Sister launched Empowering Women Entrepreneurs with Data Science, a collaboration with Fraym to provide insights on where potential customers and potential entrepreneurs may live.

University of Chicago

The University of Chicago team created an open-source toolkit and public maps and dashboards on internet access and equity for cities and states across the US.

Women's World Banking

Women's World Banking explored the implications of AI based modeling and credit scoring on women's financial inclusion in Colombia, India, and Mexico.

The University of Melbourne

The University of Melbourne developed a multi-pronged approach to support young people at risk of wage theft while also providing data for regulators, policymakers, and businesses to drive system change.

Capacity Accelerator Network (CAN)

The Capacity Accelerator Network is building a workforce of purpose-driven data practitioners worldwide and enabling social impact organizations to unlock the power of data to meet their missions. With five accelerators based in the United States, India, Asia Pacific (APAC), Latin America, and Africa, CAN is globally informed and locally grounded through a network of more than 20 academic partners around the world. Through training, curriculum development, experiential learning opportunities, and fellowships, CAN is developing data talent and organizational capacity with a focus on IDEA and interdisciplinary skills in inclusive growth and the intersection of climate and health.

BY THE NUMBERS

75k+

purpose-driven data practitioners
trained and engaged

8,000+

data and AI for social impact
organizations engaged

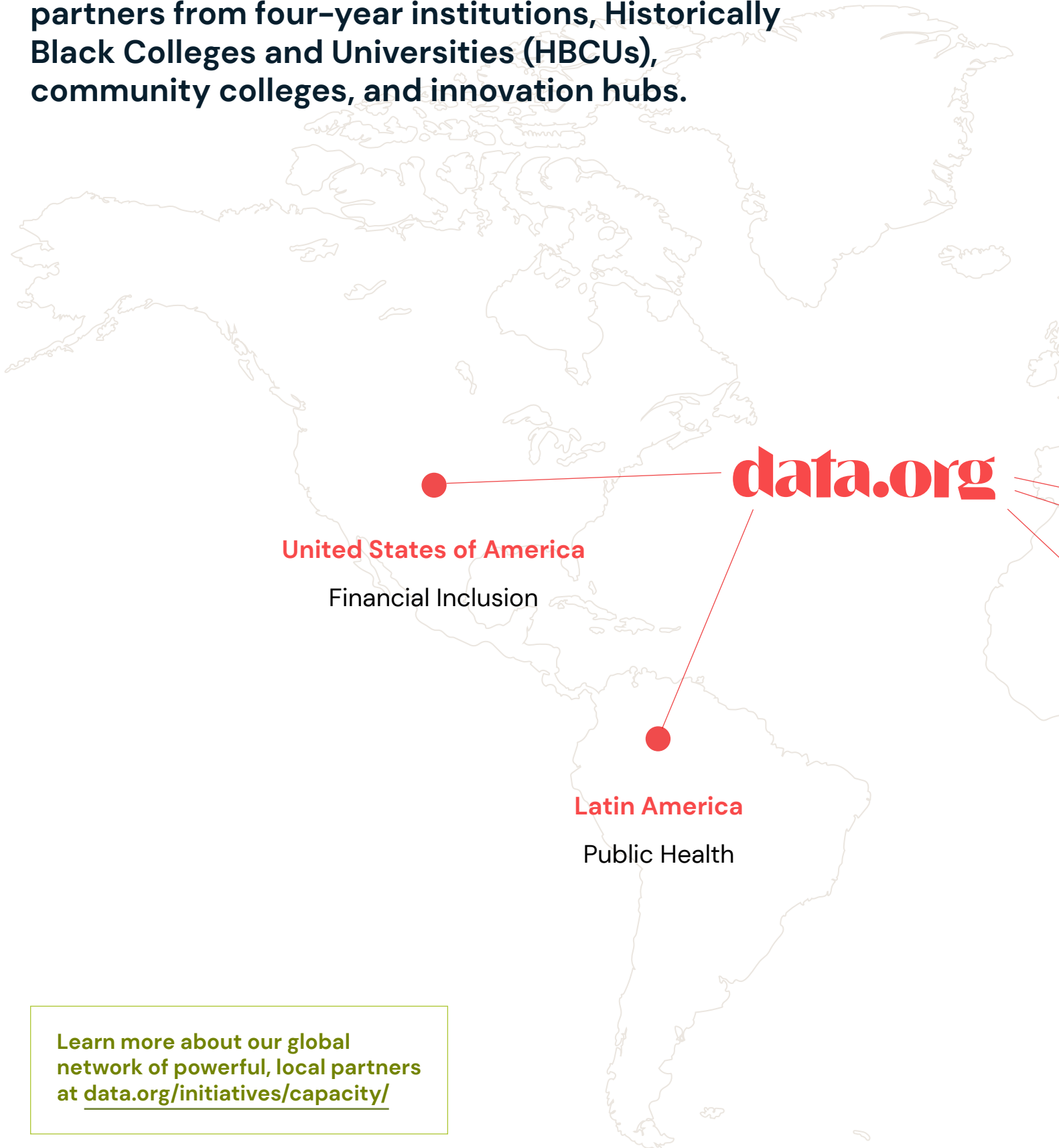


University of Illinois Chicago (UIC) students participating in the Introduction to Data workshop. This workshop was offered in Fall 2022 and Fall 2023. © UIC Engineering 2023



data@uic.edu

The Capacity Accelerator Network is developing a new workforce of purpose-driven data and AI practitioners through a global network of local partners from four-year institutions, Historically Black Colleges and Universities (HBCUs), community colleges, and innovation hubs.



United States of America

Financial Inclusion

data.org

Latin America

Public Health

Learn more about our global network of powerful, local partners at data.org/initiatives/capacity/



Africa

Climate and Health

India

Climate and Health

Asia Pacific

Financial Inclusion

Epiverse

Epiverse is a global collaborative developing a trustworthy data analysis ecosystem dedicated to getting ahead of the next public health crisis. Epiverse builds, deploys, and scales innovative, open-source technology for epidemic preparedness and response while addressing inequities in global health. Through a network of academic partners and the broader open-source development community, Epiverse creates locally-grounded digital public goods to effectively deploy data in the public health context. data.org also has formed a partnership with the World Health Organization Hub for Pandemic and Epidemic Intelligence (“WHO Pandemic Hub”) to drive global reach.

BY THE NUMBERS

40k+

Epiverse package downloads
as of January 2025

17

open-source packages created



Research Software Engineer James Azam at the 2023 EpiVerse Summit at Pontifical
Javierian University in Bogotá, Colombia. Photo by Pontifical Javierian University.



data @ 15

Epiverse TRACE packages are changing how analytics are used in the global infectious disease response, moving towards integrated, generalizable, and scalable community-driven software.

Early tasks

Middle tasks

Late tasks

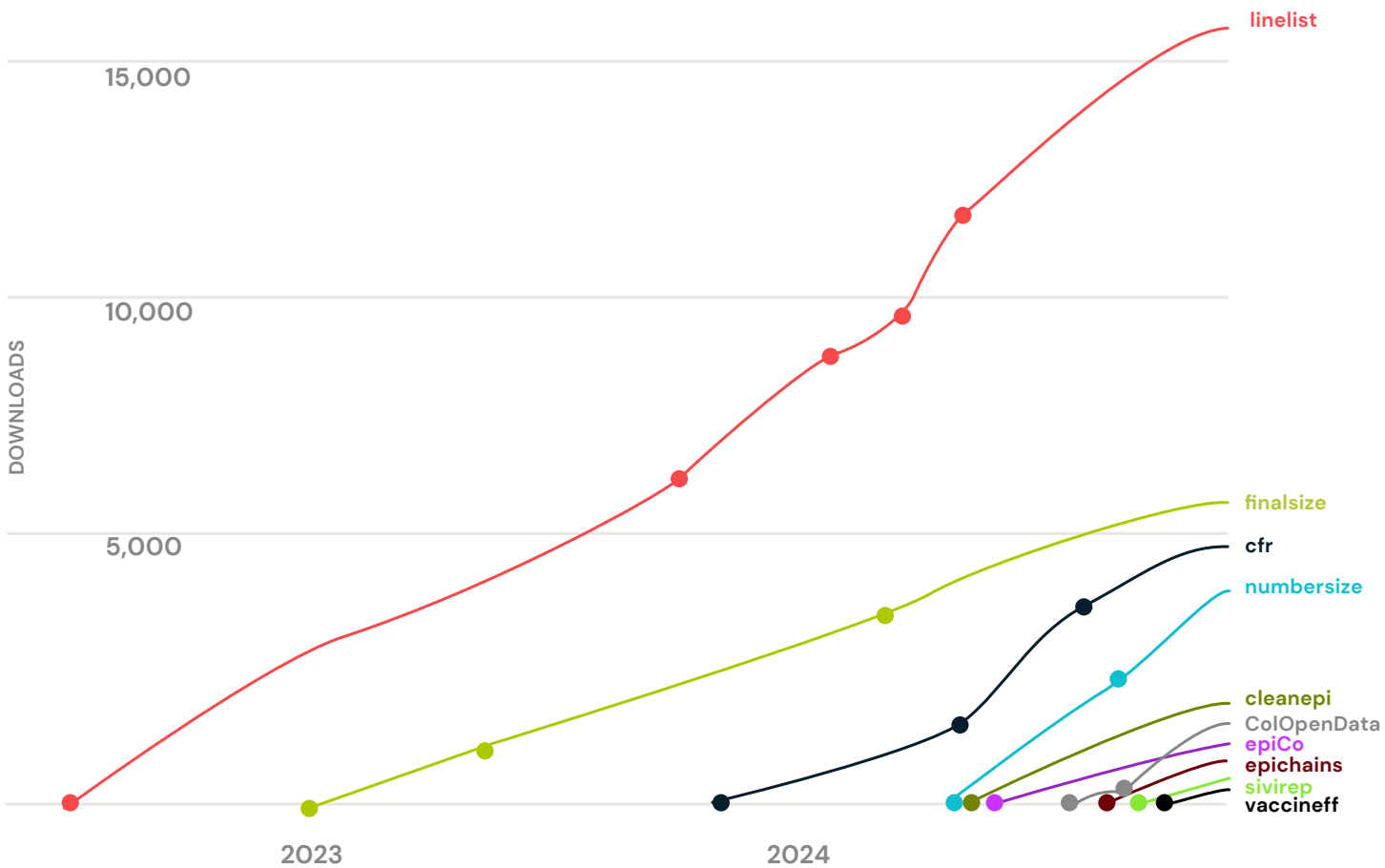


These packages are built on methods and analysis that have informed epidemic response to infections including cholera, COVID-19, dengue, diphtheria, Ebola, influenza, and Zika.

Epiverse meeting in Serrekunda, The Gambia.



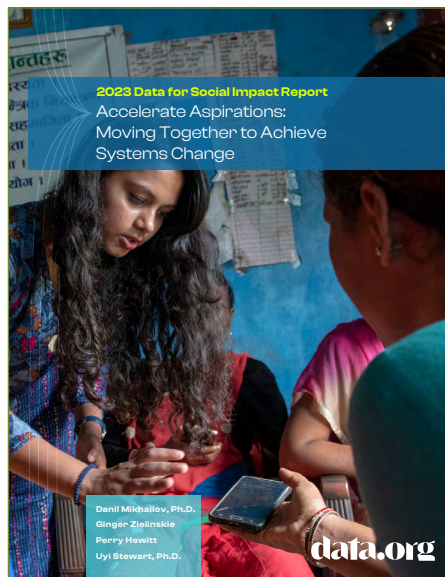
Epiverse TRACE package downloads



Epiverse TRACE Summit in Bogotá, Colombia.



Sector Reports



2023

Accelerate Aspirations: Moving Together to Achieve Systems Change

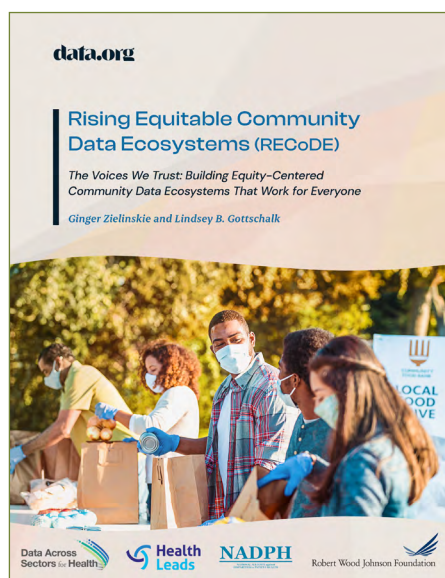
Accelerate Aspirations: Moving Together to Achieve Systems Change is a comprehensive report on the key trends and tensions in the emerging field of data for social impact.



2022

Workforce Wanted: Data Talent for Social Impact

Workforce Wanted: Data Talent for Social Impact is a first-of-its-kind report on global data talent in the social sector. Confronting systemic challenges and highlighting both immediate and big-picture opportunities, this report delivers the current landscape and reveals four pathways forward for building purpose-driven data professionals.



2021

Rising Equitable Community Data Ecosystems (RECoDE)

The RECoDE (Rising Equitable Community Data Ecosystems) project team set out to better understand how to undo antiquated and dangerous data systems and build in their place an ecosystem that provides all communities power over where, when, and how their data is used to improve individual and community outcomes.



- 1. Accelerate: Data for Social Impact Conference (USA)
- 2. A data.org Discussion on Capacity Building at UNGA79 (USA)
- 3. Launch of EpiVerse in Africa at the WHO EIOS (Senegal)

- 4. Bellagio Convening (Italy)
- 5. India Data Capacity Accelerator Launch (India)
- 6. Asia Pacific Data Capacity Launch (Singapore)

Campaigns

under / over

under / over aims to raise awareness of successful ways for women and gender-diverse individuals to be represented in data, and to themselves harness the power of data to drive social impact.



1



2



3

- 1. Munní Devi** and her self-help groups used data to identify projects and solutions to broaden and better their lives and communities.
- 2. Helena Suárez Val** used the power of data to capture, report on, and protest against femicides.
- 3. Temie Giwa-Tubosun** vowed to dedicate the rest of her career to maternal health.

Watch their stories at data.org/gender

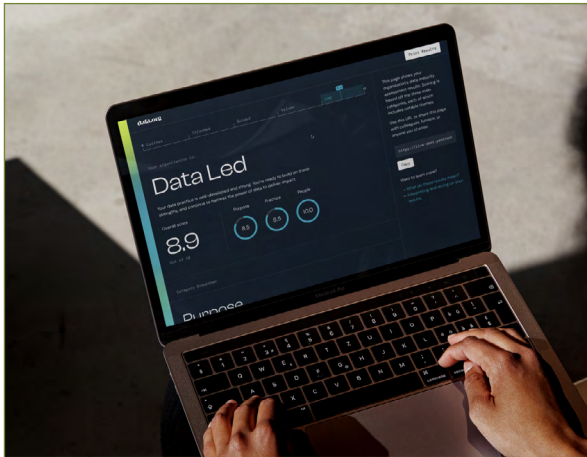


Pathways to Impact

This data.org series interviews leaders in Data Science for Social Impact with a lens of how they got there, as well as the skills and experiences that have fueled their career progression.

Learn more at data.org/pathways

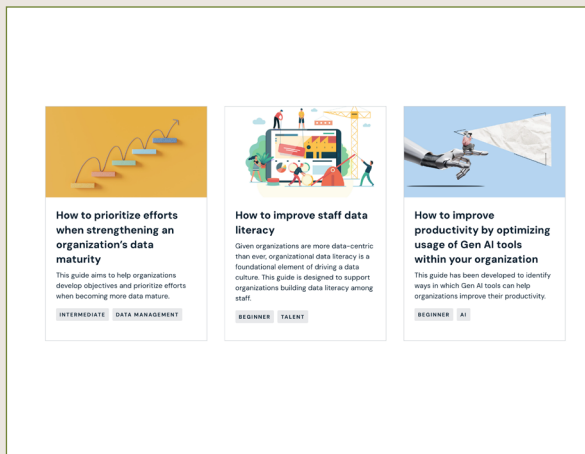
Digital Platform



Data Maturity Assessment

The data maturity assessment offers social impact organizations (SIOs) a snapshot view of their data maturity journey today, and relevant tools and resources to move forward. Use the results to identify ways to strengthen your practice, and share them to communicate areas of opportunity.

[Start your data journey at data.org/DMA](https://data.org/DMA)



Resource Library

Explore the resource library and find practical information and inspirational ideas to help social impact organizations use data to solve the world's biggest challenges.

[Find curated guides, articles, playbooks, and courses for your data for social impact work at data.org/library](https://data.org/library)

Thought Leadership

Learn from data.org leaders on their in-depth knowledge and fresh insights about the most current topics in the data and AI for social impact field.

[Read them at data.org/thought-leadership](https://data.org/thought-leadership)



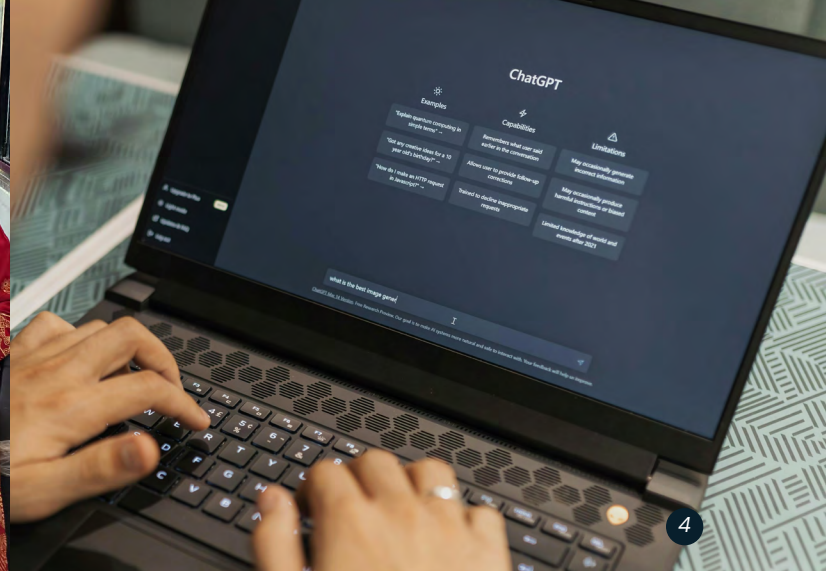
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3



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5



6

1. The Data Ecosystem Designer: Designing the Future of Responsible Digital Public Goods (Danil Mikhailov, Ph.D., Jake Porway, Ph.D., Perry Hewitt, Uyi Stewart, Ph.D.)

2. How do we Unlock Data's full Potential for Equitable Financial Inclusion? (Cormekki Whitley, Ph.D.)

3. Opinion: Women are Essential to Drive Data and AI for Impact (Perry Hewitt)

4. Opinion: Localizing AI through languages is a 2025 imperative (Uyi Stewart, Ph.D.)

5. Putting Pilots Under the Microscope (Danil Mikhailov, Ph.D.)

6. Why a Million Brains are Better than One (Danil Mikhailov, Ph.D.)

The Future

Fast forward five years, and the landscape is nearly unrecognizable.

In 2025, the field's growth has soared, and data.org has fostered a global community of local leaders: cross-sector, purpose-driven data practitioners who are not just collecting and analyzing data, but developing innovative solutions. Solutions like an LLM that informs sexual and reproductive health, a mobile application providing smallholder farmers access to clean, efficient cooling, and an AI that reimagines credit scoring for entrepreneurs and small businesses.

Today, the meteoric rise of AI has made our work more urgent than ever, taking us from a moment to a movement. A movement that data.org continues to lead.

We are amplifying and scaling practical solutions and strategies through global innovation challenges. We are accelerating adoption of digital public goods to drive globally informed, locally led change. And we are training a new workforce of problem solvers through our Capacity Accelerator Network. A workforce that—with 2.6 billion people still offline across the globe—will bridge the digital divide and empower local leaders to navigate the seismic shifts of AI to serve people and planet.

We can't afford to wait—the power and the peril are both exponential. Support for data.org is critical to prevent this alarming gap in knowledge and access from widening. When we leverage the power of data and AI for good, we have the opportunity—and the responsibility—to build climate resilience, improve public health, increase financial inclusion, promote gender equity, and tackle other emerging challenges for a stronger, more inclusive future.



Sara Wall (left), a Laboratory Technician is collecting soil samples for the Carolina Wetlands Association alongside professional staff members.





Democratize data with us!
We're eager to convene and connect the
broader data for social impact community.

Connect with us:

