

We are excited to invite volunteers to become contributors to the Analytics for a Better World (ABW) [Impact Accelerator Program](#) — a new initiative to co-create advanced analytics, AI and optimization solutions with mission-driven organizations to increase impact.

The program is designed for people passionate about doing good with their data and analytics skills. Our aim: to help nonprofits tackle real-world challenges, strengthen long-term capabilities, and maximize their progress towards the Sustainable Development Goals. We are seeking trainers, mentors, consultants, and technical experts to join our dynamic teams supporting nonprofits in hands-on analytics projects, capacity building, and data-driven leadership development.

We offer two types of engagements:

1. Join a project team
2. Support the capability building at nonprofits

Below a detailed description of the various roles and opportunities.

1. Join a project team:

To solve the nonprofit's challenge with an AI/Analytics solution, we're looking for multidisciplinary teams¹ comprising of the following profiles:

Project Lead

An experienced leader responsible for overall project delivery, client relationships, and team coordination. Skilled in managing multi-disciplinary analytics projects from scoping to implementation, the project lead aligns project objectives with the nonprofit partner's mission and ensures effective communication between technical experts and stakeholders. Adept at translating complex technical language into actionable insights and guiding organizations through transformative change. Prior nonprofit/social impact project experience is desirable.

Translator/Client-Facing Role (Engagement/Business Consultant/Functional Analyst)

Acts as the bridge between the nonprofit's domain experts and the analytics team. Brings expertise in needs assessment, opportunity identification, and solution design (within social impact contexts). Excellent at requirements gathering, workshop facilitation, and stakeholder training. This role ensures the solution is purpose-fit, accessible, and addresses real-world nonprofit challenges. Comfortable translating for-profit analytics practices into the nonprofit setting, and focused on co-designing impact metrics and data storytelling tailored to non-technical leadership.

Data Scientist/Operations Research Engineer

Combines deep technical expertise in statistics, machine learning, and optimization/prescriptive analytics with creative, resource-conscious thinking. Skilled at

¹ We will select five nonprofits to join the Impact Accelerator Program. Ideally, each nonprofit will be matched with a dedicated team that will work with them throughout the entire duration of the program

machine learning model development, simulation, and optimization—even when data is sparse or messy. Adapts best-in-class industry analytics and data science practices to nonprofit and Sustainable Development Goals (SDGs) domains, favoring open source and interpretable approaches. Eager to explain results in plain language, prepare visualizations that tell a story, and mentor partner organization staff in analytics basics.

Data Engineer

Ensures robust data pipelines and infrastructure, even in resource-limited or low-tech environments. Experienced in data acquisition, cleaning, integration, and transformation, with a focus on sustainable, easy-to-maintain workflows. Advocates for secure, ethical data handling and is ready to tailor technical solutions to NGO realities—leveraging open-source stacks and simple tools where needed. Works hands-on with client teams to upskill them in basic data practices and ensure long-term sustainability.

2. Capability development team

This team focuses on building long-term analytics capabilities within organizations to ensure that future challenges can be addressed by organizations themselves in a sustainable manner. For this part of the program, we are looking for a group of trainers, mentors and consultants with the following profiles and skills:

Technical Trainers

- Deliver practical, hands-on training in core technical skills needed by nonprofits, including Python programming, SQL, geospatial data analysis, data visualization, data cleaning, data gathering, statistics, machine learning, optimization, GenAI, and the [Public Infrastructure Service Access toolkit](#).
- Adapt teaching materials and exercises to meet the needs of different learner profiles and starting skill levels (for example by adding nonprofit/nonprofits cases and examples).
- Support capacity building by running workshops, tutorials, and practical labs, ensuring participants gain immediately applicable skills.

Hands-on Mentors

- Provide ongoing, personalized guidance to nonprofit staff as they apply technical methods to real-world projects, especially in programming, data cleaning, visualization, analysis, and modeling.
- Mentor staff in developing essential engagement and communication skills, such as stakeholder engagement, presenting findings, problem identification/scoping, and translating organizational needs into technical solutions.
- Encourage reflective problem-solving, peer learning, and resilience as staff tackle new challenges and develop their capabilities.

Executive Trainers and Mentors

- Design and deliver workshops and mentoring programs for senior leaders and executives on the fundamentals and strategic value of AI, analytics, digital transformation, and building data-driven organizations.
- Guide leaders through the opportunities, risks, and leadership requirements of digital and AI-enabled change, including topics like analytics maturity, digital change management, and leading organizational transformation.
- Foster a mindset of innovation, strategic thinking, and readiness to drive and sustain data-centric change at the organizational level.

AI and Analytics Strategy Consultants

- Conduct analytics maturity assessments to evaluate the current state of data and analytics capabilities within the organization.
- Provide expert advice on best practices, infrastructure, and strategic planning for AI and analytics adoption.
- Facilitate the development of actionable roadmaps and organizational strategies to move towards Facilitate the development of actionable roadmaps and organizational strategies to move towards higher analytics maturity, data governance, ethics and security assessment and data-driven impact. Challenge team / Expert Advanced Analytics team

General requirements

Both for the capability development and solution development teams, we're looking for enthusiastic people who fit the following strengths and the key principles of our ABW approach.

Team Strengths:

- **End-to-end guidance:** from problem framing and data work to modelling, visualization, and implementation.
- **Flexibility:** blends commercial/industry-grade analytics skills with nonprofit/SDG know-how.
- **Fit-for-purpose solutions:** emphasizes open-source, low-tech, and sustainable analytics tools.
- **Capacity strengthening:** patiently “takes the partner by the hand,” focusing on teaching and fostering data literacy, ensuring nonprofits can sustain progress beyond the project.
- **Diverse and multidisciplinary:** to be able to come up with the best, most creative, sustainable, and comprehensive solutions
- **Commitment:** to foster strong team dynamics between contributors, nonprofits, and the broader cohort, we ask that all contributors commit to participating in the full duration of the program.
- **Language:** Proficient in English for verbal and written communication

Key principles of our Analytics for a Better World approach?

- **Co-creation:** We work with organizations, not for them, ensuring ownership, reducing ‘guesswork’, applying contextual relevance, and focusing on sustainability.
- **Dual focus on applying analytics and increasing capability:** Each project solves a high-impact analytics challenge and builds the internal skills and systems needed for lasting transformation.
- **Agile and iterative:** We use a flexible, step-by-step way of working on data science projects. We build and test small pieces of work quickly, get feedback often, and keep improving until the solution works well to remain flexible, responsive, and outcome oriented.
- **Collaboration:** Every actor in the ecosystem brings an essential piece of the puzzle. Mission driven organizations bring the challenge and the data, businesses bring their expertise in implementing analytics solutions and capability, and researchers bring their ability to find new models and solutions to the new and big challenges we face. Together, we find solutions and create long-lasting change.
- **(Scalable) Impact focused:** We don’t apply technology for the sake of it, we apply it for impact. And we focus on solutions that contribute significantly to accelerate the mission of nonprofits.
- **Equity, diversity and inclusion:** We believe that equitable access to data and technology is essential to creating meaningful, sustainable impact. Our work centers on amplifying voices and solutions from underrepresented communities, especially in LMICs. We intentionally designed the Impact Accelerator Program to be inclusive: removing barriers to entry, supporting localized solutions, and building capacity where it is most needed. We recognize that diversity—in perspective, geography, gender, experience, and expertise—is a strength that leads to more effective, innovative, and just solutions. Consequently, inclusion isn’t a side goal: it’s embedded in how we co-create, how we build partnerships, and how we define success.