

2021 GRANT RECIPIENTS AND PROJECTS



Seattle Against Slavery

aims to end sexual exploitation in our communities by changing culture through prevention, intervention, and transformation. Delta Analytics has been involved with a dashboarding project to create visualizations to understand the activity of users (advocates and victims) based on specific direct and indirect social impact metrics. Exploration of patterns and locations for the potential victims to describe the online market of commercial sexual exploitation has also been part of the project.

Global Citizen Year

is an Oakland-based non-profit that recruits and trains a diverse corps of American high school seniors to participate in an immersion-based international bridge year – often called a gap year – before starting college. Delta Analytics has been involved in setting up its data infrastructure and adapting its current systems to it to better find the best applicants for our program, reduce costs, better serve students, and showcase Global Citizen Year's impact for donors.



Classroom Inc

is a nonprofit that creates middle school literacy learning games set in the professional world and coaches educators on blended learning, with its flagship Read to Lead program. Delta Analytics is helping them ascertain how students' clickstream data can point to specific points in learning game experience, and where students are commonly uncertain of their next action. Additionally, Delta is working on testing predictive algorithms regarding students' future success.

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Career Village

Delta is working on upgrading CV's data services (dashboards, content recommendation systems, internal reports, and more) by incorporating "occupation" data. This project requires involvement of engineering/coding best practices for data management / practical data engineering, and it builds on the work done in last year's occupational taxonomy project.

Centro Community Partners

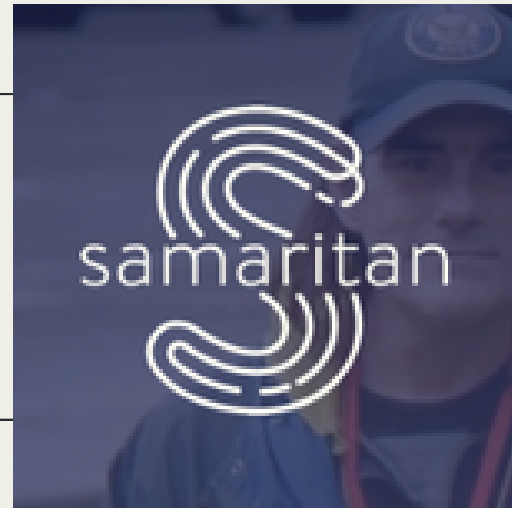
is an Oakland-based non-profit that provides entrepreneurship and financial literacy training programs, access to microloans and one-on-one business advisory services to low-to-moderate income entrepreneurs. Delta Analytics is working on a deep analysis of their scorecard and 1-year survey data to help determine recommendations. Additionally, Delta will be analyzing Centro's development and training efforts to see which efforts are the most effective.



USA Hello

Delta Analytics will be building on the analytics dashboard built in the first round of partnership, adding data visualization elements and expanding the scope of key performance indicators tracked. This should allow USAHello to gain further insights into their students, and allow them to adapt our services to best meet their needs, improve user experience, and meaningfully measure impact. USAHello's goal is to provide high-quality, accurate, easy-to-understand information and resources to our audience; they require data analysis solution that does the same.

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City of Samaritans

works with health systems and service providers to help unhoused or unstably housed patients/clients with low social determinants of health improve their health and housing outcomes. Patients/clients enrolled on the platform receive financial and social capital from the community. With their two year pilot complete, Samaritan and Delta are working on better understanding how much capital an individual needs on average to significantly affect their health and housing outcomes, as measured by their social determinant of health score.

TeenSmart International

is a non-profit organization which works provides services to existing youth and family development organizations. Delta Analytics will be create a dashboard of its bot analytics: uses and other statistics from the facebook and homepage and from users profiles on the platform.



Read to Me Project

(RtMP) to analyze data they have collected over multiple years to assess the effectiveness of their program on childhood literacy rates, with the finding that they did not have enough samples to produce statistically significant results. This year, RtMP has collected more data, and Delta will be reassessing their original hypothesis. Additional areas, such as examining the effect of the pandemic on their program, will also be explored. Finally, using RtMP's gSuite environment for data gathering, visualizations will be developed to track the progress of students.

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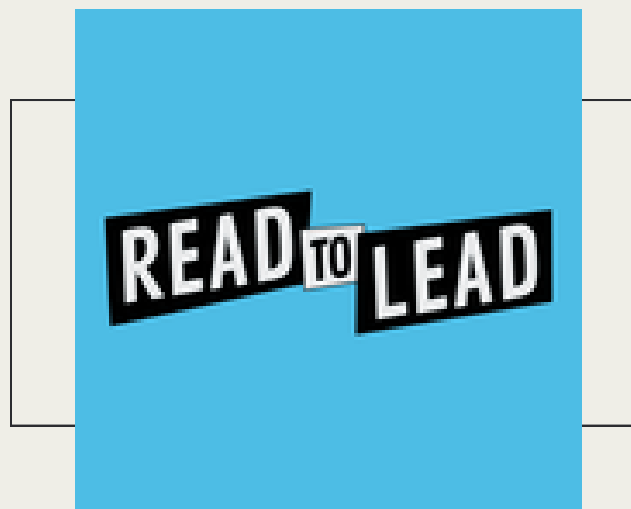


Tarjimly

Over the past two years, Delta Analytics has worked with Tarjimly to perfect their matching algorithm ensuring that people in need of translations are matched reliably. Recently Tarjimly has enabled filters that let users augment their search to match specific criteria. The project that Delta will be working on is a near real-time system that, when a user selects a filter, returns to the user the likelihood that they'll be matched based on the selected criterion.

Village HopeCore International

is dedicated to fostering integrated social and economic development in rural communities. We are working to alleviate poverty through microfinance loans and micro enterprise, business training and support, health promotion, and disease prevention programs in Kenya. Having worked with Community Health Volunteers (CHV) in some capacity for three years, with the program expanding from 200 to 800 CHVs, HopeCore and Delta Analytics will attempt to gain better insight and understanding into impact on the community through the utilization of data collected during household visits.



Collective Liberty

mission is to eradicate human trafficking by collaborating across industries, agencies, and service providers to create ground-breaking, data-driven approaches that work. Delta Analytics will be engaging on the following: i) data pipeline to ensure network connections are preserved during the data migration, ii) development of algorithms to identify, and visualize networks (potentially based on location), and iii) use of natural language processing (NLP) to perform time intensive task of extracting information from news article dataset on trafficking incidents (time, location, names of persons and businesses, etc.)