

# MAKING ALL VOICES COUNT

A GRAND CHALLENGE  
FOR DEVELOPMENT

## Making All Voices Count Indonesia Data Scientist Opening

### About Us

#### Making All Voices Count

Making All Voices Count is an international initiative that contributes towards effective governance and accountability by enabling citizen engagement and open, responsive government in twelve countries across Africa and Asia. This Grand Challenge is committed to promoting transparency, fighting corruption, empowering marginalised citizens, and harnessing the power of new technologies to make government more effective and accountable.

Making All Voices Count is supported by the U.K Department for International Development (DFID), the U.S. Agency for International Development (USAID), the Swedish International Development Cooperation Agency, and the Omidyar Network (ON). The programme is implemented by a consortium consisting of Hivos (lead agency and in charge of collaborative component), Ushahidi (technology lead and in charge of the Competitive approach) and Institute of Development Studies (in charge of the Research, Evidence and Learning component).

Further details on Making All Voices Count can be found at <http://makingallvoicescount.org>

### Vacancy Details

#### Title

Making All Voices Count - Data Scientist

#### Duty Station

Open Data Lab Jakarta, Indonesia

#### Nationality

Citizen of Indonesia or foreign national in possession of work permit in Indonesia and fluent in Bahasa Indonesia.

#### Contract

Full time

#### Duration

1 year with possibility of renewal

## About the Organisation

As the Making All Voices Count Tech Hub partner in Indonesia, the Web Foundation's [Open Data Lab Jakarta](#) functions as a research and innovation lab focused on harnessing the potential of open data for social impact. We seek to develop, test and evaluate models, and build evidence for the value of openly available government data to tackle practical problems faced by developing and emerging economies in the Southeast Asia region.

## Focus area

Indonesia

## About the Role:

Making All Voices Count is looking for a passionate, experienced, creative data scientist who will:

- Contribute to the scanning and mapping of publicly available data sets in Indonesia and Southeast Asia, including an assessment of their quality;
- Draw findings, insights and conclusions from open government data;
- Contribute to the development of concepts, applications, tools, frameworks, and/or various online or offline media (e.g. visualizations, blog post, short papers, or any other type of publications), based on identified datasets to demonstrate the value of open data;
- Provide mentorship and technical assistance to social innovators involved in the [Open Data Lab Jakarta's Innovating for Open Cities](#) project;
- Contribute to the writing of "how to" guidelines and user manuals, specification documents, as well as test cases to demonstrate technical concepts, that can be used for present and future projects;
- Provide trainings, including preparing training materials, on data analysis to various audiences (e.g. CSOs, government officials, journalists, academia, developers);
- Contribute to activities such as design workshops, data dives, community meetups, and other types of activities for a growing open data community in Jakarta and other cities in Indonesia;
- Support the identification of civic hackers, developers, and tech savvy communities interested in (and working on) open data
- Contribute where applicable on the Making All Voices Count activities such as Tech Brokering Events, South to South Lab Hangouts and online conversations;

## What we seek

- A track record of passion and curiosity about datasets, for asking hard questions with and about data, for turning diverse datasets into actionable and valid insights, and an ability to rapidly create and iterate data analyses;
- Desire to work with community, grantees, and other partners to dig into their projects, and use data to help them solve problems, gather learnings and tell their stories;
- Ability to visualize data sets to tell a story;
- Familiar with data storage languages (e.g. mysql, mongodb). If I say "inner join" you

- should be able to explain it to a layman (and even better, have an opinion about it);
- Experience building back-end data management (storage, cleaning, analysis) platforms (e.g. Python). Our datasets range from community-reported data to field data, survey data and social media feeds, and many of these are not tidy;
  - Preferred: good working knowledge of statistics techniques, including their limitations;
  - Ability to work remotely and communicate effectively within a diverse team;
  - Ability to get things done and deliver on tight deadlines;
  - Must be fluent in Bahasa Indonesia.

## How to Apply

To apply, send the following to the Making All Voices Count Capacity Development Officer – [akabari@ushahidi.com](mailto:akabari@ushahidi.com) – with “Application: OD Lab Data Scientist” as the subject:

- A cover letter (**NOT a CV**) detailing your location, expertise and explaining why you think you are suitable for the role.
- A short description (in English; no more than 1,000 words) on how you would carry out the data collection, processing and analysis of a government data set available in HTML tables on their website. Detail how you would carry out the data scraping, transforming, cleaning and subsequent analysis of the data set. Include / attach a sample of a data analysis and/or visualisation that you have undertaken in the past that used the process you have described.

## Closing Date

This position is available for an immediate start, and will remain open until a suitable candidate is found.