



## 【Data Scientist】 tackling world water issues

### Job Information

**Recruiter**[SPOTTED K.K.](#)**Job ID**

1543084

**Industry**

Hardware

**Company Type**

Small/Medium Company (300 employees or less)

**Job Type**

Permanent Full-time

**Location**

Tokyo - 23 Wards

**Salary**

6 million yen ~ 10 million yen

**Refreshed**

January 9th, 2026 18:00

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Fluent

**Minimum Japanese Level**

Business Level

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

Permission to work in Japan required

### Job Description

Are you passionate about contributing to water issue in the world?

Currently, it is said that 3 in 10 people in the world who don't have clean access to water and 1 in 10 people don't have access to water services and they use river or lake water. Also it is predicted that in 2050, 40% of the people in the world will have water issues.

The company Founded in 2014, it is tackling one of the greatest challenges of the 21st century: the global water crisis. They develop infrastructure-independent water systems designed for use in disaster zones and regions with limited access to clean water.

You will work as a Data Scientist, using data from water sensors and lab tests to improve the performance of the company's water systems. You'll help make water systems smarter and more efficient to solve global water problems.

**Role:**

- Analyze data from water systems to find problems and improve performance
  - Build models to predict water quality using sensor and lab data
  - Create tools to predict when equipment needs maintenance
  - Forecast water usage patterns
  - Build data pipelines and dashboards (e.g., with AWS, Redash)
  - Work with engineers to improve the way water systems work
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## Required Skills

### Must have:

- Experience using Python or R for data analysis or machine learning
- Experience working with time-series data
- Experience with sensor or IoT data (cleaning and modeling)
- Able to use SQL for getting and editing data
- Basic understanding of machines, electronics, or water systems (any field is OK)
- Japanese (N2 level or above)

### Why join?

- Solve real-world water and sustainability challenges
  - Use data to improve hardware that impacts daily life
  - Be part of a fast-growing startup aiming for IPO
  - Work in a flat, collaborative, and ownership-driven environment with flex time
  - Join a globally recognized company (Earthshot Prize, COP28)
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## Company Description