



Job Title: Consultant – Data Analyst (part-time/full-time)

Location: Washington D.C. or Remote

Start Date: ASAP, Flexible

The Organization:

[Development Gateway](#) (DG) is an international nonprofit social enterprise that increases the impact of international development activities through innovative, sustainable information management solutions and services. DG empowers people to accelerate change and transform societies, and creative IT is key to DG's comparative advantage.

The Location to Brag About:

Development Gateway is part of the [OpenGovHub](#), located in the heart of Washington, D.C. The Hub is home to a vibrant community of organizations, each focused on the open government agenda. This creative space allows for collaboration and innovation within and among the different groups; it also offers networking opportunities, brown-bag lunches, happy hours, and other focused events from thought leaders in the arena.

What You'll Do:

The Data Analyst Consultant will be part of DG's [Results Data Initiative](#) (RDI) team, an initiative supported by the Bill & Melinda Gates Foundation. Over the next 18 months, the RDI team will work with international development agencies, and government decision makers in two countries, to increase the role of results data in their decision-making on policy, processes, and resource allocation. The Data Analyst will work closely with the RDI team to identify and develop a variety of practical, data-focused solutions, with an emphasis on decision-making tools. This individual will develop new processes, insightful analysis, and stunning visualizations, liaising between a technical team of software engineers and client-focused project managers. As for specific tasks, the Analyst will:

- Work as part of the RDI team to link *results information* with *resources information*, to inform partner decision makers (in countries and in development agencies);
- Work with internal and external partners on data acquisition, quality assurance, data standard crosswalks, and visualizations;
- Create materials to illuminate data and associated processes for internal and external users;
- Act as a technical liaison for partner and client questions;
- Develop expertise in a variety of open data standards, including IATI (XML), Open Contracting Data Standard (JSON), EITI (CSV and PDF), and others;
- Conduct statistical analyses to learn from and scale to larger amounts of data;
- Evaluate the big picture and solve business problems, aligning metrics with overall objectives;
- Create static and interactive visualizations, highlighting key insights of complicated datasets for decision-makers.

The Education and Experience You Have and We Need

- Bachelor's degree in math, computer science, statistics, economics, or related discipline;
- Master's degree preferred;
- Strong understanding of data management, analysis, and quality control;

- Previous experience working in the international development sector;
- Experience automating manual or suboptimal data-related business processes and analyses;
- Experience with data modeling work: R, Python, Julia;
- Basic knowledge of open data standards such as IATI, JSON, EITI, etc;
- SQL skills, NoSQL experience a plus;
- Experience with Linux/Unix – you are happy on the command line;
- Experience with scripting language (e.g. Python), regular expressions, etc.;
- Experience working with data via web services and APIs;
- Geospatial experience a plus;
- French or Spanish language fluency a plus.

Gourmet chefs welcome, but more importantly:

- Service-oriented, proven ability to manage client relations, and diplomatic in difficult situations;
- Good organizational skills to manage a broad workload and meet deadlines and work under own initiative;
- Excellent analytical skills and commitment to continuous product and process improvement;
- Proven ability to work effectively with cross-functional teams in a fast-paced dynamic environment. Possesses an entrepreneurial attitude and skills;
- Ability to communicate effectively with both technical and non-technical staff, and to maintain strong communications with a geographically dispersed, global team;
- Ability to work effectively both autonomously and as a team player influencing others;
- Excellent (written and verbal) communication and customer interaction skills;
- Ability and willingness to take on possible international travel.

