

Data Analysis Lead (part-time, remote, long-term contract role)

Who we are and what we do

Canary (www.workwithcanary.com) is a mission-driven enterprise that is working to grow and improve the existing practice through which employers sponsor grant funds that help workers in moments of need. We do our work in two ways: (1) we consult with employers and other organizations that administer their own hardship fund programs to help them improve the design and efficacy of their programs, and (2) we have built a hardship fund platform - which we continue to evolve as we test and learn - to facilitate the provision of timely, small-dollar financial assistance.

The role

We have been engaged by a client to lead outcomes measurement for an emergency relief fund. The project is projected to run from late Q2 2020 through Q1 2022. We will be collecting data from the emergency relief fund applications, from follow-up surveys with grantees, and via qualitative interviews. The role of the Data Analysis Lead is to spearhead the quantitative analysis, incorporating demographic data, financial data, grant data, and survey data. Grants will be made on a rolling basis and follow-up surveys will be sent out at a set cadence following grant decisioning. High-level analysis will be done quarterly to uncover trends as the project progresses and inform interim reports shared with stakeholders. At the mid-point and conclusion of the project, a deeper analysis will be conducted. We will seek to understand whether and how various elements (demographics, financial resources, etc) affect the outcomes we see across the grantee population.

Key responsibilities include:

- Merging data from multiple sources. Cleaning and structuring the data so it can be added to regularly and analyzed efficiently on an ongoing, periodic basis.
- Producing summary statistics to illustrate key trends.
- Conducting exploratory and in-depth analyses to understand the relationship between demographic data, financial data, grant data, and grantee outcomes.
- Synthesizing key findings and take-aways to highlight in reports to stakeholders and publications.

Our ideal candidate

We are seeking a candidate with the following characteristics and experience:

- At least three years of professional or post-graduate experience using statistical techniques to aid and strengthen analyses, including though not limited to: weighting data to ensure a sample reflects a total population and using regression analyses to understand interaction effects among variables.
- Proven ability to leverage data to address real-world questions and to think critically about the implications for different audiences.
- Skilled with end-to-end data analysis workflows, including data cleaning, variable creation, and analysis.
- Excels at developing elegant, repeatable data processing workflows; proficient in leveraging preferred data software (R, Python, etc) to implement those workflows and execute efficient, insightful analyses.
- Experience generating and presenting conclusions, using charts and summary tables that convey important findings.
- Exhibits significant attention to detail, notating pertinent detail when compiling findings.
- Comfortable working independently and remotely.

Role structure

- Part-time, contract role to run from late Q2 2020 through Q1 2022 (potentially longer) with lumpy workload (hours increasing during periods of analysis, while tapering off in between)
- Remote engagement, with potential opportunity to engage in-person if located in New York City, Chicago, or San Francisco.

To apply

- Send an email with the subject “Data Analysis Lead” to aliza@workwithcanary.com.
- In your email:
 - Attach your resume.
 - Include the following in the body of your email:
 - Why you are interested in this role
 - Previous experience where you have led an analytical project with some complexity
 - Your availability to engage in a part-time, contract role to run from (approximately) late Q2 2020 through Q1 2022
 - Your hourly rate