



Credible.  
Independent.  
In the public interest.

**Title:** Data and GIS Analyst

**Reports To:** Executive Director

**Salary Range:** Negotiable; starting at \$50,000 (Full-Time Equivalent)

**Hours:** Negotiable; between 32 and 40 hours per week

**Location:** Bellingham, WA

The Pipeline Safety Trust seeks a Data and GIS Analyst to join our growing team dedicated to protecting people and the environment from pipeline failures.

### **WHO WE ARE**

The Pipeline Safety Trust (PST), based in Bellingham, WA is a national non-profit organization founded in response to the 1999 Olympic Pipeline Explosion as a watchdog on the US pipeline industry and its regulators.

Our mission is to promote pipeline safety through education and advocacy, increased access to information, and partnerships with residents, safety advocates, government, and industry, resulting in safer communities and a healthier environment.

### **WHAT WE VALUE**

The Board and staff of the Pipeline Safety Trust value:

- Public safety and public interest
- Trust and credibility
- Fearless independence
- Inclusiveness and accessibility
- Proactive strategies

### **ABOUT THE ROLE**

The Pipeline Safety Trust is seeking an assiduous Data and GIS Analyst with a commitment to keep communities and the environment safe from pipeline failures and the potentially largest threat from pipelines – climate change. This position will enable members of the public to access digestible data about the risks of pipelines to their communities and help them draw conclusions about those risks. This position will also help the Pipeline Safety Trust effectively deliver its message with fact-driven animated data.

The ideal candidate will have a knack for finding stories behind large sets of data and will create compelling designs for delivering those stories through the data. The ideal candidate will also have an active interest in investigating and describing how pipelines and pipeline failures impact different communities, including impacts related to Environmental Justice, and messaging pipeline issues through the lens of climate change.

The Data and GIS Analyst will work with the rest of the Pipeline Safety Trust staff to design and create:

#### Charts and Graphs

The Pipeline Safety Trust lives by its organizational values and in order to remain credible and independent its staff relies on facts and data to inform the positions it takes and to communicate to communities. Often a graph or chart can unveil a powerful story that can drive a message home. The Data and GIS Analyst will design and create graphs and charts that tell these stories and deliver our message.

#### Interactive Maps

Using data from the Federal Regulator (PHMSA) database and other sources, the Data and GIS Analyst will create interactive maps that users will be able to filter and query in order to glean information and draw conclusions.

#### Database User-Interface

Using data from the Federal Regulator (PHMSA) database, the Data and GIS Analyst will create and design a user-friendly interface that will facilitate access and encourage engagement for members of the public who are not pipeline or database experts.

### **RESPONSIBILITIES**

- Discover patterns and trends through data analysis
- Design digital maps with pipeline incident data and other data sources
- Create content based on staff priorities
- Perform data wrangling and cleaning to convert data into its desired form
- Update and improve existing charts and graphs on website

### **REQUIREMENTS**

- Degree in computer science, geography, surveying, engineering, or a comparable combination of skills and experience
- Proficiency with database programming languages
- Proficiency with front-end design languages
- Experience with mapping tools
- Outstanding quantitative skill set
- Attention to detail and good problem-solving skills
- Analytical and inquisitive mindset

### **HOW TO APPLY**

Email resume and cover letter to [jobs@pstrust.org](mailto:jobs@pstrust.org). Applications are due by November 19<sup>th</sup>, 2021.

PST is committed to equal employment opportunities and encourages applications from people of all races, ages, gender identities, sexual orientations, religions, beliefs, national origins, or abilities.