

# Impact Tools Research and Data Analyst (4-6 month Contract)

(Impact Tools Data Analyst – 2 positions)

(Impact Tools Research Assistant – 2 positions)

## About Us

Textile Exchange is a global non-profit driving positive impact on climate change across the fashion and textile industry. It guides a growing community of brands, manufacturers, and farmers towards more purposeful production from the very start of the supply chain.

By 2030, its goal is to guide the industry to achieve a 45% reduction in greenhouse gas emissions within fiber and raw material production. Its focus is holistic and interconnected, accelerating the adoption of practices that improve the state of our water, soil health, and biodiversity too.

For real change to happen, everyone needs a clear path to positive impact. That's why Textile Exchange believes that approachable, step-by-step instruction paired with collective action can change the system to make preferred materials and fibers an accessible default, mobilizing leaders through attainable strategies, proven solutions, and a driven community.

At Textile Exchange, materials matter. To learn more, visit [TextileExchange.org](https://TextileExchange.org).

## Working at Textile Exchange

We work remotely with a team located in 20+ countries. We are a diverse group committed to harnessing the strengths of the global textile industry to accelerate change toward climate and other key environmental goals. We work collaboratively on important environmental issues around the world by working and interacting with farming groups, processors, brands, retailers, and environmental experts in the textile and fashion industries around the world. We offer an opportunity to join a cutting-edge global environmental nonprofit and to help strengthen the impact of our organization.

## Job Summary

Impact tools at Textile Exchange are comprised of the Preferred Fiber and Materials Matrix (PFM Matrix) and the Global Fiber Impact Explorer (GFIE). Leveraging data, technology, research and UX, our impact tools are designed to support the uptake of preferred fibers and materials and enable brands to improve their raw material supply chains.

The Preferred Fiber and Materials Matrix (PFM Matrix) is Textile Exchange's tool for holistic assessment of preferred materials in the textile industry. The PFM Matrix integrates qualitative and quantitative data related to provide the user with an understanding of the impacts and risk areas of raw materials and fibers used within the apparel and footwear industry. The tool is intended to enable informed decisions related to materials and to guide the direction of travel for improvements in material production impacts in line with Textile Exchange's Climate+ goals.

Textile Exchange recently acquired the Global Fiber Impact Explorer tool (GFIE), gifted by tool creators Google and WWF. The GFIE assesses fiber portfolio risks and hotspots by region and by fiber type across key categories: air pollution; forestry; biodiversity; climate; and water. The GFIE tool utilizes a combination of data sources, including from the UN, the WHO, the Google Earth Engine Data Catalog, and others. Through the tool, users are able to see the most significant risk hot spots in their supply chain by impact area and across the materials and regions they source.

We are looking for 3-4 full time contract hires to support in the next phase of development of our impact tools. Interns and contractors will have the opportunity to support the essential evolution of these tools for industry release. Support needs range from content research to technical development of the tool which includes data cleaning, algorithm testing, and modeling. Specific roles and responsibilities will be finalized for each hire depending on skillset and interest. The project objectives below will be divided across the team and are divided across three core workstreams: updates to the PFMM methodology and assessments, technical execution and de-bugging of the GFIE, and recommended actions for the GFIE.

See below the specific criteria for the research assistant and data analyst areas of focus. Please specify your area of interest in your application.

## Project Objectives

- Support completion of research for updates to the PFMM methodology and development of the GFIE recommended actions.
- Distill research findings into concise but clear summaries to integrate into tool copy.
- Review tool copy for accuracy of interpretation with research findings.
- Cite and document all sources.
- Update data excels and website tool with new research.
- Work with the impact tools technical lead and the software development lead to identify and implement improved data management strategies
- Scrub data files for syntax errors and support de-bugging through pattern recognition.
- Support on stakeholder engagement calls through note taking, presentation preparation, correspondence, scheduling etc.
- Participate in team meetings to advance methodology updates.
- Work cross functionally with other teams including communications, data and technology, fiber and material leads, and software development
- Support on other tool development functions as relevant to unique skillsets such as copywriting, user experience, data analytics, etc.

## Minimum Experience and Qualifications

- Degree in Textiles, Sustainable Business, Data Science, Engineering, or Environmental Studies.
- Open to 0-2 years of relevant job experience including current graduate students.
- Aptitude for systems thinking and creative problem solving.
- A well-rounded understanding of environmental issues in supply chains spanning climate, water, toxicity, waste, land use, and social.

- Interest and experience in the fashion and textile industry preferred.
- Well organized and self-directed.
- Detail-oriented, logical, and systematic.
- Ability to communicate and collaborate effectively.
- Fluency in Microsoft suite, particularly Excel, essential.
- Demonstrated interest in Textile Exchange's vision, mission, and goals.
- Ability to work in a flexible, yet fast-paced remote environment, able to meet deadlines and share progress regularly.
- Strong work ethic and self-motivation with ability to work remotely effectively.

#### **Research Focus Specific Skills:**

- Ability to source and distil academic research for high quality peer-reviewed evidence.
- Experience with assessing data quality and research methodologies in academic research.
- Strong knowledge of raw material production processes and growing practices.
  - Fiber specific knowledge preferred, but general raw material background in other sectors spanning agriculture and manufacturing possible.

#### **Analytics Focus Specific Skills:**

- Advanced modelling and analytics functions in Excel.
- Basic coding experience in Java, python, and or SQL, including the ability to work in VS Code.
- Strong patterns recognition with an ability to, and interest in, handling large datasets.
- Experience with Drools and DMN a plus.
- Experience with LCA modeling a plus

## Employment Package

- Contract full-time position for 3-6 months (30-40 hours per week).
- Work from home, virtual/remote (flexible working hours is a must due to difference in international time zones).
- Compensation range: US \$15-\$25
- Textile Exchange is currently unable to provide sponsorship for work permits. Candidates need to have existing right to work in nominated working location.
- To be filled as soon as possible (start date to be agreed between both parties).

## How to Apply

Please Apply Here: <https://textileexchange.bamboohr.com/jobs/view.php?id=46>

- Resume
- Cover Letter

- Given the range of work opportunities on this project, please indicate your proposed area of focus in your cover letter

Applications will be considered on a rolling basis as they are submitted. Early application submission is strongly encouraged. Please include any scheduling constraints and start date availability in your outreach.

*Textile Exchange is committed to creating a diverse environment. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.*