GIVING TUESDAY

Ajah, the technology social enterprise that supports GivingTuesday Global, is seeking a Data Science Lead to help lead its research and analysis of the data on global giving it collects and manages. The Data Science Lead will help build our data science team globally to work on a diverse set of problems and projects.

GivingTuesday has collected an unprecedented amount of data about philanthropy and part of the mission is to understand this previously ignored area. The organization has committed funders to using data and data science to drive this understanding.

GivingTuesday is a global generosity movement unleashing the power of people and organizations to transform their communities and the world. The organization works with partners across sectors and borders to understand the drivers and impacts of generosity, explore giving behaviours and patterns, and use data to inspire more giving around the world. GivingTuesday offers the largest philanthropic data collaborative effort in the social sector — with unique, granular datasets from many organizations on donation transactions, investment fund data, and a growing number of related assets.

Datasets include:

- Giving data (e.g. donations, volunteering) shared by partners for past and future GivingTuesday events, and surrounding time periods.
- Data from global surveys about perception, activity, and awareness.
- Historical donations data from the Fundraising Effectiveness Project (~160 million individual level donation transactions from 9.5k organizations, including location & cause information).
- Publicly available data, such as Form 990 nonprofit organization data on ~350k organizations, US government and census data.
- Philanthropic investment account data (Donor-advised funds) including individual account holder data from 15000 to 25000 accounts and 10 million to 20 million transactions.

Some of the challenges you'll face include:
- Meta-analysis of research on impact of economic shocks to the social sector. Distilling findings for actionable insights.
- Analyzing aggregated datasets to uncover deeper insights and identify key indicators.
- Global social and media listening to measure the conversation, test interventions, and connect engagement to action.

- Fielding survey research in global markets to establish baseline attitudes, values and self-reported behavior.
- Developing values and behavior dashboards to track longer term trends and forecast.
- Communicating data insights and recommending solutions to cross functional stakeholders of varying technical levels.

Qualifications:

- Programming tools: Python, Pandas, Jupyter Notebook, SQL, Git
- Experience with BI dashboarding tools: Looker, PowerBI, Metabase
- Experience working with Airflow, Docker, Kubernetes is an asset
- Advanced degree in a quantitative field is a plus (but not required)

Position Details:

- Salary: $125k—175k
- Competitive health benefits
- Unlimited vacation & sick days

To apply: email hr@ajah.ca with resume (**and a brief email outlining your interest/background**)