Full time Data Scientist

Start date: January 2021
Contact: joann@pempem.org
Location: Montréal, Canada

Company Introduction
60% of the working population is employed informally and 4 out of 5 companies in the world are informal businesses. P
emPem (www.pempem.org) builds mobile-based, socially-embedded enterprise resource planning ("Social ERP") tools for the informal economy, creating transparency as a by-product. Our mission is to help informal producers, workers and middlemen become more efficient, formalized, and digital. We support a transition out of the informal, cash-based economy into a digital, technology-based one that brings greater efficiency and profit to the value chain, traceability to the supply chain, and sustainability to the sector. We have offices in Montréal (R&D) and Indonesia (ground operations). Our current tools are deployed in Indonesia.

Job Description

The position will be within a collaboration between PemPem and the Canada Research Chair in Supply Chain Analytics of Prof. Y. Adulyasak at HEC Montréal (https://chaireanalytique.hec.ca)

We are looking for a full-time data scientist who will help us translate our vast amount of data into useful information for our (1) product team, (2) leadership team, and (3) clients. Your primary focus will be on advanced data analysis, intuitive and dynamic data visualization, and building a basic web interface for our clients to access analyses in real-time.

Responsibilities
- Performing data analysis and data visualization on existing and dynamic PemPem data (top-of-mind data analysis questions will be shared)
- Processing, cleansing, and verifying the integrity of data used for analysis
- Doing ad-hoc analysis and presenting results in a clear manner
- Extending company's data with third party sources of information when needed

Skills and Qualifications
- Proficiency in using SQL-based queries
- Experience with common data science toolkits (e.g. Python) is required
- Experience with data visualization tools (e.g GGplot, Leaflet, Mapbox)
- Good scripting and programming skills
- Data-oriented personality

Salary and Benefits
- Salary is commensurate with experience and qualifications.
- Equity-based compensation is available for extraordinary candidates.