

Vacancy

Senior Data engineer/analyst at Medical Credit Fund

Fulltime – based in Amsterdam

At PharmAccess, we believe in doing health care better. We innovate and act as a catalyst for practical changes that can be scaled up to connect people to better care, starting in sub-Saharan Africa. To this end, we unlock the power of technology to introduce innovative financing mechanisms such as health insurance, digital lending and standards to assess and stimulate improvement of the quality of care. We are continuously introducing digital solutions that disrupt old ways of working in health financing and delivery. All with the aim to make essential quality care accessible for all.

Our way of working has led to successfully scaled interventions such as the Medical Credit Fund (MCF). The only fund in the world that is dedicated to financing small and medium-sized healthcare businesses in Africa. We have disbursed over EUR 100 mln. in loans to health care providers to date and continue to innovate. Besides providing loans in collaboration with local partner banks, we innovate new products such as ‘cash advance’ – a digital loan that we provide directly via the mobile phone.

As the Medical Credit fund continues to grow, we have to make sure its architecture and data foundation evolve along with it in a solid (core lending system) but agile way (facilitating new lending pilots). Lots has been set in motion, but we are looking for a Senior Data engineer/analyst to drive this transition.

You will be working in the PharmAccess data & technology team (+-15 FTE) that serves all PharmAccess business lines; the place where you will exchange best practices and coding jokes. You will also become a core member of the MCF team; enabling the business to run its operations smoothly and ensuring technology supports longer term strategy.

Our ideal candidate is an experienced data engineer/analyst who is excited by this mixed job title as you identify as a ‘jack of all trades’, being creative in how a small team meets large ambitions; knowledgeable in SQL and Python, keen to ensure we feed in, structure and process our data in the right way (not all our partners are high tech); able to partner and mentor a junior analyst in unlocking value from the data through insights (mainly PowerBI).

Responsibilities:

- Maintaining, developing, and improving the MCF Azure data infrastructure; incl. the various databases, microservices and data pipelines
- Contribute to the data architecture roadmap and document standards and procedures

- Collect and aggregate data from several internal and external data sources, batch and stream pipelines, into MCF core financial systems and analytics infrastructure
- Support new systems implementations to ensure data integrity and compatibility with current architecture and processes
- Go-to-person to outline the technical design of new lending products and the MCF technical requirements in order to effectively support these products
- Ensuring key MCF reports are reliably, timely and accurately delivered (incl. monthly, quarterly and annual reports/statements – mainly but not exclusively via Power BI)
- Creating ad-hoc analyses to support the MCF business in making the right decisions
- Mentoring and supervising a junior analyst on delivering on MCF reporting/data insights
- Take an active role in knowledge sharing with colleagues and when needed with our African partner organizations

Qualifications:

- You have +5 years of experience in a Data Engineer/Analyst role
- You have a drive to contribute to the development of better health systems for people in lower income countries
- Experience with structuring, maintaining, and improving the overall data foundation on the cloud, preferably Azure
- Experience working with relational databases, data modeling, migrations, and optimizations
- Strong knowledge of Python and SQL
- Experience with DevOps and CI/CD pipelines on public cloud environments
- Familiarity with common API's: REST, SOAP
- Hands on experience on Data Orchestration tools, Prefect is a plus; know-how on lambda architecture or it's alternatives
- Experience with data visualization tools, Power BI experience is an asset
- Strong communication skills, both verbally and in writing, to be able to align with various stakeholders across borders
- Results oriented, determined and having a self-driven attitude
- Continuous learner, keeping abreast with new solutions and technologies
- Understanding of Agile - Scrum methodology and ability to drive this way of working is an asset

What do we offer?

Working at PharmAccess means working in a dynamic and international setting; one where we pioneer solutions to change health care in Africa. No day will be the same. Our goal is ambitious, our context is challenging and our passion is tangible. We are a close-knit organisation with 200 employees across our

offices. As such we are big enough to make a difference, yet small enough to be very personal and to dare to try out extraordinary things. Your voice will matter and help determine what we do next.

Besides contributing to change the world; in addition we offer:

- A fun team!
- Working with a wide variety of skilled people; from bankers and doctors, to researchers and analysts, to loan officers and quality experts
- Empowerment to try and test new things
- Direct impact on the MCF and broader PharmAccess data and tech foundation
- An international environment spanning some of the most exciting markets in Africa: Kenya, Tanzania, Nigeria, Uganda and more
- Occasional international travel to our home markets in Africa
- Fulltime position (40 hrs a week)
- 25 vacation days a year based on a fulltime position
- Based in Amsterdam; but continuing to work remotely for part of the time post-Covid is possible
- Collective pension scheme and collective health insurance

Keen to learn more or apply?

Get in touch with us: we would love to meet you!

Suitable candidates are motivated to directly apply by sending us their resume and motivation to recruitment@pharmaccess.org. The deadline for application for this position is **18 June 2021**.

For more information about our organization and the Medical Credit Fund please visit www.pharmaccess.org and www.medicalcreditfund.org