Clinical & Biomarker Data Scientist

Geneva, Switzerland | Full-time | Start: April 2026

Mind Metrix
Spin-off | ETH zürich

At MindMetrix, we are building the next generation of digital therapeutics for mental health care. By combining neuroscience with advanced digital tools, we aim to transform how mental disorders are detected, treated, and prevented. Having evolved from a consumer sports-based product, we are now entering the clinical space and building a team who wants to bring this vision into practice with us.

Job Description:

We are looking for a Data Scientist working at the intersection of clinical research, machine learning, and regulated medical software. You will help us transform clinical data into meaningful neurophysiological insights. First, the focus is on setting up robust data analysis pipelines and supporting the data analysis of clinical validation studies. In the longer term, your work will drive the discovery of digital biomarkers and personalized AI-driven insights for patients and clinicians. As an early member of a small, interdisciplinary team, you will take significant ownership of the data science stack, contribute to technical decisions beyond modeling, and help shape processes and standards as the company grows.

Responsibilities:

- Own end-to-end data pipelines, from data ingestion and integration through data curation, schema design, validation, and quality control.
- Collaborate with the scientific team, software team, and regulatory affairs team to align data preparation and analysis with study requirements.
- Implement reproducible workflows and dashboards that enable efficient monitoring and analysis of trial outcomes.
- Apply statistical and machine learning methods to neurophysiological and behavioral data to identify patterns, clusters, and early digital biomarkers.
- Translate research and operational needs into scalable technical solutions that can be used for publications, regulatory documentations, and future product integration.
- Ensure software engineering best practices (version control, testing, documentation) to support reproducible and reliable data science.
- Contribute to scientific publications and presentations through high-quality analyses and visualizations.
- Stay current with best practices in data science and data engineering, sharing tools and methods that improve collaboration and reliability.

Requirements:

- Master's degree (or PhD) or equivalent practical experience in data science, computer science, computational neuroscience, or a related field.

- 2+ years of hands-on industry experience in data science, statistical computing, or biomedical data analysis.
- Experience with neurophysiological, behavioral, or clinical trial data, including time-series or sensor data, is required.
- Strong Python proficiency, including NumPy, Pandas, and SciPy, with experience writing production-quality code; ML frameworks (e.g. PyTorch, TensorFlow) are a plus.
- Experience with exploratory modeling techniques (e.g. clustering, dimensionality reduction, unsupervised learning) to identify latent patterns in data.
- Experience building robust and reproducible data pipelines, including collaborative coding and version control (e.g., Git).
- Knowledge of secure data handling and GDPR requirements. Familiarity with QMS-regulated environments and awareness of AI regulations (e.g. EU AI Act) is advantageous.
- Familiarity with DevOps practices in an Azure cloud environment, and the ability to integrate data science workflows into backend systems, is a plus.
- Excellent communication skills and ability to collaborate across clinical and scientific teams.
- A valid work permit for Switzerland is required (we are not able to offer permit sponsorship at this time).

What we offer:

- Full-time position, starting in April 2026, or as agreed.
- Flexible working hours and hybrid set-up, with on-site workdays in Geneva.
- Competitive salary CHF 110'000 – 130'000, 5 weeks of vacation, opportunity for long-term career advancement and equity participation.
- A collaborative, interdisciplinary team with backgrounds in neuroscience, tech, and business.
- The chance to shape an early-stage clinical product with direct patient impact.
- An open, supportive culture that values initiative, curiosity, and passion.

About MindMetrix

MindMetrix is a spin-off from ETH Zurich, where we developed a novel pupil-based neurofeedback method that enables users to actively regulate their brain's arousal level. Our first product, myflow, has been applied in elite sports, giving athletes immediate feedback on their mental state and helping them perform at their best. Building on this foundation, we are now expanding into the clinical field. From our new base in Geneva, we are working with leading experts in neuroscience to develop applications that support patients with anxiety and other mental health disorders. Our goal is to create accessible, science-based tools that make a difference in people's lives.

Application:

You are interested? Send us your CV and shortly explain what you'd expect from this opportunity at job@mindmetrix.ch. And keep it real. We want your story, not a flawless AI draft.

We look forward to hearing from you!

Zürich, 19.01.26