Senior Data Scientist
1-year contract

FIND, the global alliance for diagnostics, seeks to ensure equitable access to reliable diagnosis around the world. We connect countries and communities, funders, decisionmakers, healthcare providers and developers to spur diagnostic innovation and make testing an integral part of sustainable, resilient health systems. We are working to save 1 million lives through accessible, quality diagnosis, and save US$1 billion in healthcare costs to patients and health systems. We are co-convener of the Access to COVID-19 Tools (ACT) Accelerator diagnostics pillar, and a WHO Collaborating Centre for Laboratory Strengthening and Diagnostic Technology Evaluation. For more information, please visit www.finddx.org.

Location: Geneva, FIND headquarters

Reporting to: Head of Data Services and Biobanking (DSB)

Your mission/Position objective:

The Senior Data Scientist (SDS) is responsible for data science projects – from conception to design and implementation – across a wide series of activities linked to the organization’s mission and objectives. This includes, for instance, the collection and analysis of data from FIND’s clinical trials and cross functional programmes, the development of dashboards to monitor organizational KPIs, and the dissemination of data insights to key internal and external stakeholders. This is a one-year contract, with possible extension, based in Geneva, Switzerland, with the possibility for remote working.

Your responsibilities/Job description:

- Conceptualization, development and maintenance of data science solutions for data-driven decision support as per organizational priorities (e.g., dashboards for internal and/or external use, data analyses, pipelines for data analysis, data management)
- Interaction with FIND’s scientific and technical leads to understand the needs, and how to translate them into data-driven solutions with demonstrated strategic agility and proactively seeking to improve the development of the data science product portfolio of the DSB team
- Delivery of high-quality data analysis, processing and reporting for key clinical projects, using multiple data sources and tools
- Innovative thinking expressed for instance as optimization of the data methodology and practices in place in the DSB team and across the entire organization
- Dedicated data management for specific clinical trials or dataset (e.g., data capture, harmonization, cleaning)
- Supervision of the relationship and performance of related external service providers when relevant
- Representation of FIND’s DSB team in external meetings for topics related to data science (meetings with partners and donors, convenings, conferences, workshops) and in relevant publications

Qualifications:
- University degree in data science, statistics, biostatistics, or a related field, ideally a PhD in similar topics
• At least 5 years data science experience, with focus on healthcare and clinical trials (data collection, analysis and reporting of data), ideally in diagnostics
• Excellent knowledge of R, Shiny and Rmarkdown, experience with machine learning techniques, Selenium, Python, pandas and SQL highly desirable
• Experience with good coding practices, development of R packages, Git and versioning, reproducible research
• Excellent data visualization skills, ability to understand customer’s needs and translate them into a relevant data product
• Strong and proven interest in global health, and in infectious diseases
• Experience in working in regulated environments desirable, including GCP and GLP standards
• Excellent scientific and technical writing skills in English, additional languages (French, Spanish) an asset

Soft skills
• Flexible and able to multi-task; capable to set and adapt to priorities
• Able to work well in teams of multi-cultural backgrounds; effective communication at all levels
• Strong leadership qualities and interpersonal skills
• Disruptive creativity, ability to independently propose and drive innovative concepts
• Capable to work collaboratively without close supervision, as well as to work under pressure and meet tight timelines on a result-oriented basis

To apply
Please send your application to hr@finddx.org by 11 June 2021. The application must include:
• a complete curriculum vitae
• a motivation letter
• an acknowledgement letter, answering the following questions:
  1. Have you ever been criminally convicted or subject to any criminal or administrative penalty by any competent authority? If yes, please specify.
  2. Have you ever been terminated or separated (e.g., contract termination, dismissal, non-renewal) or subject to any disciplinary measure or sanction by your employer for fraud, harassment, sexual harassment, sexual exploitation, or sexual abuse?
  3. Have you ever resigned while under investigation or during disciplinary proceedings?

A confirmation of the following declaration of understanding:
– I confirm the accuracy of the information provided, with the understanding that FIND will conduct reference checks to verify relevant information.
– I understand that if any false or misleading information is provided in my application, or any material fact suppressed, I may not be employed, of if I am employed, I may be dismissed.

Please note that due to high volume of applications, ONLY short-listed candidates will be contacted. FIND values diversity among its staff and aims to achieve gender equality both
through gender parity at all levels of the organization and promoting a gender dimension in all its work. We welcome applications from women and men, and those with disabilities.