

**PERFORMANCE**  
**CONSULTANT SA**

Conseil en ressources humaines

# Data scientist - Health Financing Department

## Our client:

for an international NGO based in Geneva.

## Role & Responsibilities:

### I.To support the Health Financing database platform:

- In collaboration with the HF Data Specialist, ingest new data into the Health Financing Data Platform using resources on Microsoft Azure.
- Create and maintain R package to manage code repositories and to make development more efficient.
- Build dashboards in PowerBI that leverage data on the Health Financing Data Platform.
- Maintain Co Financing database that records domestic component spending.

### II.To create web applications to extend the functionality of the Health Financing database platform:

- Gather requirements from various stakeholders to design to web applications that provide an interactive interface for data exploration.
- Design and implement web application using a rapid web framework (ie R Shiny or Python Dash).
- Maintain current web applications built in R Shiny.
- Publish and maintain web application on Azure web services

### III.To respond rapidly to data requests & provide general analytic support

- Analytic support for providing inputs to allocation letters, other GF processes, and external requests
- Measurement of KPI on domestic financing
- Responding to internal and external requests
- In collaboration with other members of the health financing team: Develop health financing sections for secretariat briefing notes and grant-making sign-off forms; Assess the compliance of countries with the co-financing policy; Respond to analytic requests from country teams
- To extract, make available, and analyze, health and disease financing data for supporting strategic and operational requirements of the Global Fund
- To support initiatives for improving health and disease expenditure tracking and integration of core data requirements into Global Fund systems and processes

### IV.Explore and execute innovative IT solution

- Using different techniques (ie Machine Learning) to do predictive analyses utilizing data captured in the previously mentioned datasets
- Work with Specialist, Health Financing Data - to develop IT solutions and to streamline data management process for the Health Financing team
- Collaborate with internal and external partners to develop new projects and ideas

## Profile:

- Bachelors/Masters academic background with 6+/3+ years of experience
- Established experience working in or managing business intelligence platforms.
- Advanced computing skills to conduct complex tasks to develop cloud database architecture and manage the database. This including creating pipelines to ingest data and other ETL (Extract, Transform, Load) functions.
- Ability to manage large datasets
- Advanced quantitative analytic skills
- Data visualization skills
- Advanced coding skills in Python, SQL, and/or R (with a preference for R).
- Proficient in making API calls
- Proficient in making dashboards in PowerBI/Tableau

**Contract type:** Temporary mission (12 months)

**Rate of activity:** 100%

**Starting date:** ASAP

**We guarantee you to handle your application in total confidentiality**

Consultant responsable du mandat : Mouhssine Moudrik  
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