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 suppor

• 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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