VOLUNTEER Data Analyst

Role description
At Africa Health Organisation (AHO), we're proud to stand at the forefront of charity data revolution. Using the latest analytic tools and processes, we're able to maximize our service and deliver unparalleled humanitarian and international health development. To help carry us even further, we're searching for exceptional data analyst volunteers to join our team. The ideal candidates should be highly skilled in all aspects of data analytics, including mining, generation, and visualization. Additionally, they should be committed to transforming data into readable, goal-driven reports for continued innovation and growth. Applications are welcome from any part of the world.

Duties and Responsibilities
- using advanced computerised models to extract the data needed
- performing initial analysis to assess the quality of the data
- performing further analysis to determine the meaning of the data
- preparing reports based on analysis and presenting to the Director

AHO has millions of data stored in Excel format. The data is classified into the following categories:
i. *Health indicators data:* - Births attendants, maternal mortality ratio, maternal deaths, nurses and midwives, physicians, risk factors, mortality, health gaps by income, sanitation, etc.
ii. *Social indicators data:* - population dynamics, labour force structure, employment by sector, unemployment, children at work, education, nutrition and growth, prevalence of stunting, etc.
iii. *Environmental indicators data:* - rural environment and land use, agricultural input, output and productivity, deforestation and biodiversity, urbanization, climate change, energy use, etc.
iv. *Economic indicators data:* - output, manufacturing, exports, imports, demand and supply, consumption, investment, savings, government finance, revenue, balance of payments, etc.
v. *Market indicators data:* - private sector, business environment, stock markets, military expenditure, public policies, transport services, power and communication, science and technology, etc.
vi. *Financial indicators data:* - growth and direction of merchandise trade, primary commodity prices, tariff barrier, external debt, financial flows, aid dependency, travel and tourism, etc.
vii. *Poverty indicators data:* - poverty rates at national level, poverty rates at international level, distribution of income, distribution of consumption, etc.
viii. *Global indicators data:* size of the economy, global goals ending poverty, women in business, etc.

Skills and Qualifications
- Studying degree in Mathematics, Computer Science, Health Science, Medicine, Economics, Sociology, Informatics, Anthropology, Psychology, Business, Finance, Statistics, International Development, etc.
- Proven analytic skills, including mining, evaluation, analysis, and visualization of data
- Technical writing experience in relevant areas, including queries, reports, and presentations
- Practical experience in statistical analysis through using statistical packages including Excel, SPSS, SAS

How to apply
To apply, Send CV and Covering Letter to Graciano Masauso, Founder, Africa Health Organisation (AHO), 43 Berkeley Square, London, W1J 5FJ, Tel: 03333441944, email: graciano@aho.org, www.aho.org