Data Analyst (Temp for 11 months)
Vigilance & Compliance Branch, Health Products Regulation Group
Location: Health Science Authority (11 Biopolis Way #11-01 Helios)
Working Hours: Part-time (flexible arrangement)

About Health Sciences Authority (HSA)

At the Health Sciences Authority (HSA), we recognise the enormous challenge posed today by the biomedical sciences and the blurring of boundaries between healthcare products resulting from increasing convergence in the application of medical technology. It is right here in HSA, where we are uniquely equipped to meet this challenge. A statutory board formed on 1 April 2001, we play a vital role in supporting healthcare services and regulation, serving the administration of justice and enhancing safety in our community. We are responsible for the quality, safety and efficacy of medicines, medical devices, blood and its products and all health-related products available in Singapore. We provide a comprehensive regulatory service for the evaluation and marketing approval of all therapeutic products. We also provide scientific, investigative and analytical support for vital governmental functions such as forensic expertise for the courts, drug and criminal investigations and the regulation of food safety and industrial and environmental health.

Job Description

- Interact closely with research project team which includes healthcare professionals, academics and IT system vendor.

- Conceptualise, develop and integrate artificial intelligence algorithms from big healthcare data sets that will be fed into various business programs.

- Build intuitive dashboards that help visualize and answer complex business problems.

Requirements

- Undergraduate or degree holder, preferably in computer science, machine learning, information technology, business analytics or related disciplines.

- At least 2 years' experience with programming in Python.

- Good knowledge in R, Java, SQL, Stata, machine learning algorithms and/or natural language processing will be an advantage.

- Development and implementation of machine learning algorithms, extract information from websites, meta data management, data transformation, and data integration.

  For applicant who is interested, please submit the resume to the hiring manager and information as follows:

  ➢ *Name: Ms. Ang Pei San (Regulatory Consultant, Common Vigilance Branch)*
  ➢ *ANG_Pei_San@hsa.gov.sg*