Big data is all around us, but how can it best be used to benefit the veterinary profession? Every day, 2.5 quintillion bytes of data are generated globally, according to IBM. But this abundance of data also brings with it a host of problems, including how to store it, how to evaluate it, and how to distribute it. Such problems frequently require a prompt response since, once a "big data" stream has been tapped, wasting or abusing it might have severe effects on the commercial or scientific questions at hand. Similar to other industries, the veterinary sector is flooded with data from diagnostic labs, producers, and clinicians. This data, in my opinion, can be used to address issues facing the industry because of the creative uses of big data and artificial intelligence.

Despite the fact that I'm not from a STEM background, I have a degree in veterinary medicine. I first became aware of data science around 2016. When I began working on my capstone project in the department of veterinary public health, I was a veterinary student in the last year of my program. Naturally, I had already taken a biostatistics course and was already familiar with a number of concepts, including population, sample, correlation and regression, analysis of variance, and many more. But it was all very ethereal, and I didn't get how it was supposed to be used. The prevalence of hemoparasites in cattle slaughtered at Ipata abattoir was the subject of my investigation. Since I had to get blood samples, choose the appropriate sample size, identify the pertinent data parameters required for the research, and test for these factors, this project was more realistic. Although machine learning was not a focus of this study, I used Excel and SPSS.

After receiving my degree, I took a job as a farm veterinarian at CHI farms, one of Nigeria's largest producers of chicks. As a hobby during this time, my buddies and I co-founded GAM Technologies with the intention of making our tech ideas a reality. We decided against outsourcing the project, so I had to learn UI/UX, website design, backend programming, and databases. As a result, Barterway, our first app, was created.

The idea of programming was already second nature to me, so I decided to put it to use by automating the vaccination program schedule and developing a more user-friendly way for calculating the mean, coefficient of variation, and standard deviation of bird weights. developed a graphic representation of the actual growth and weight chart. I began working with a lot of data as a result, which helped me get respect at work.

I started exploring for a field that integrated the three things I'm most enthusiastic about—programming, data exploration, and medicine—and I found data science. I've always believed there was more we could do with all of this data.

For the past nine months, I have been working diligently, enrolling in several courses to learn about Tools for Data Science, Data Science methodology, Python for Data Science, AI & Development, Python Project for Data Science, Databases, and SQL for Data Science with Python, Data Analysis, Data Visualisation, and Machine Learning with Python on self-learning platforms like Coursera, Udemy, Kaggle, and Youtube. Successful execution of projects like Titanic Survivor prediction, Co2 emissions, Customer Churn, and DNA processing using Python exhilarated me and imparted encouragement. However, this helped me immensely to acquire a foundational understanding of the subject. By continuing formal studies and enrolling for a master's degree at your university, I would be able to obtain the comprehensive education I require to become proficient.

I began looking for reputable colleges where I could get a master's in data science. I assumed that one of the most sought-after positions right now in the US and the UK was data scientist. I had no doubts about my preference for the UK for a few reasons. From the standpoint of an international student, a one-year master's degree is advantageous in and of itself. Since their beginnings, British universities have gained a reputation for offering accredited education of the highest caliber. Many well-known international individuals from a wide range of professions have graduated from English universities.

I'm eager to join a reputable company after finishing my master's degree in order to learn data science and develop practical experience. But in the near future, I'd like to found a business where I can develop a user-friendly no-code data architecture for the veterinary and livestock sectors. In the end, this promotes wiser investment and decision-making..

I've been a veterinary doctor and a software engineer for the last few years. I do, however, consider life to be a perpetual process of development and advancement. The goal of my future activities, despite the fact that they appear to take a minor detour from my current line of work, is to use my experience, expertise, and career to provide workable answers to the most pressing problems and issues facing the livestock business.