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Dear Hiring Manager:

RE: APPLICATION - RESEARCHER/ DATA MODELLER

I write to apply for the position of Researcher/ Data Modeller at Pay.UK.

I have over 15 years of experience in education, research, data analysis, finance, and related roles. I have advanced skills in R, Machine Learning, and Ms Excel. I have intermediate (and growing) SQL, Python, Anaconda, and Visual Studio Code and a working knowledge of Stata, Eviews, and Big Data analytics ecosystems like Hadoop and Spark.

As a research assistant at the Wits Business School in South Africa, I worked with the World Bank, IMF, MIX, and FRED data for five years. As a macroeconomic statistician specialising in sovereign debt with **Trounceflow**, I collected and analysed global data on sovereign debt, deficits, and surpluses. I have severally participated in the collection and analysis of survey data.

I submitted my PhD thesis in Financial Economics at the **University of the Witwatersrand, Johannesburg** in South Africa, expecting to graduate in December 2022. My research examined the transformation of micro-finance institutions in Africa. Hence, I have well-developed knowledge in research methodology, financial economics, SDGs, sovereign debt and statistical (econometrics) analysis.

Although currently in academia, I have previously held professional positions. At Twana Twitu Cares, an NGO in Kenya, I was in charge of finance, where I did financial reports for the management and donors (USAID and AMREF). I managed a livelihoods improvement and environmental conservation project in Kenya funded by the EU and DANIDA.

Importantly, I embrace continuous learning. I am undertaking data science courses and independent data analysis projects. Additional information is available on **Rpubs** (<https://www.rpubs.com/Karuitha>) and **LinkedIn** (<https://www.linkedin.com/in/karuitha/>).

Given my background, I believe I can handle the tasks of Researcher/ Data Modeller. Please feel free to contact me for further information or clarification.

Best regards,

John Karuitha.

Enclosures: Resume