**WENDI AKARAIWE**

London, United Kingdom • 07464 704058 • wendiakaraiwe@gmail.com

**Experience**

**HSBC- London, United Kingdom**

**Data Engineer/Analyst,** 01/2023 – current

* Utilized Python to execute the end-to-end process of aggregating financed and facilitated emissions at a counterparty and sector level, ensuring accuracy and compliance throughout. Enabling robust analysis of the disclosed scope 1, 2, and 3 emissions for 2021-2022
* Spearheaded the development and implementation of an automated override functionality using Python, enabling seamless calculation reruns while transitioning from manual override of outlier values. This initiative streamlined processes and enhanced efficiency
* Implemented strategic changes to streamline Git processes, resolving versioning issues and optimizing workflow efficiency
* Automated the calculator process by integrating scripts into Airflow, optimizing efficiency by eliminating the need to run each script individually

**PRD** – London, United Kingdom

**Research Consultant,** 10/2021 – 12/2022

* Played a pivotal role in the development of sustainability strategies for London boroughs and UK cities, by collaborating with a diverse team of experts, including public sector stakeholders to design transformative, equitable and practical strategies and implementation plans
* Communicated complex insights through data visualisation tools using Python, GIS and Tableau, creating maps for geospatial analysis and visualisations
* Developed Excel VBA sequence to automate our data cleaning process, saving 2+ hours per project on manual data cleaning tasks enabling faster, more consistent and more accurate data analysis
* Designed, led and analysed 5+ focus groups and borough-wide surveys of 500+ respondents to pave the way for strategic insights and targeted interventions for an inclusive economy

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**Education**

**MSc**: Sustainable Urbanism, *Distinction*

**University College London**, 2020 – 2021

* Thesis: adopted a **mixed-method approach** to explore climate change risk and governance in Lagos

**BSc**: Environmental Geosciences, Second *Class Upper*

**University College London**, 2017 – 2020

* Thesis: Carried out a 30-day independent mapping project to construct a geological map and report of Lake Coniston, UK

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**Skills**

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| Proficiency in the following software:   * Python (Pandas, Matplotlib, NumPy, PySpark), SQL, Tableau, Bash Scripting, Excel (VLOOKUP & Pivot Tables), Geographic Informatic Systems (GIS), Airflow   **Volunteering and Extracurriculars**   |  |  | | --- | --- | | * Love Your Neighbour program: supporting elderly neighbours in North London * UCL Basketball Club | * Sustainability Energy Systems Traineeship: Certified traineeship between the MISK Foundation and the University of Tokyo (July 2022) | | * Certifications: Certified Associate in Python Programming, IBM Agile Explorer * Native fluency in English; advanced level of French * UCL Climate Action Society * Member of Diversity, Equality, and Inclusivity at PRD |