

# WENDI AKARAIWE

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## PROFILE STATEMENT

A detail-oriented ESG professional with a background in consulting and data analytics. My passion revolves around leveraging data to inform decision-making and create a meaningful difference, especially in promoting and advancing sustainability.

## SKILLS & CERTIFICATIONS

**Skills:** Python (Pandas, Matplotlib, NumPy, PySpark), SQL, Tableau, QlikSense, Bash Scripting, Excel (VLOOKUP & Pivot Tables), Geographic Information Systems (GIS), **Airflow**

**Languages:** English (Native), French (Intermediate)

**Certifications:** Certified Associate in Python Programming, IBM Agile Explorer

## WORK EXPERIENCE

### HSBC

Jan. 2023 – present

*Data Analyst/Engineer*

*London, UK*

Member of the Climate Aligned Finance team, part of the data analytics and data modelling team. Evaluating HSBC's ESG performance for ESG reporting and disclosures, ensuring regulatory compliance

- Using Python to optimize HSBC's portfolio analytics tool, enabling robust analysis and disclosure of Scope 1, 2, and 3 greenhouse gas emissions. Allowing for data-driven insights that inform HSBC's investment strategies and enhance risk management approaches
- Using **Apache Airflow** to automate the portfolio analytic tool enables efficient and seamless data processing to successfully fulfil business requirements
- Developing a strong understanding of the ESG data from vendors such as **Bloomberg, ISS, S&P Global & Asset Resolution** and financial sustainability frameworks such as **SBTi** and **PCAF**
- Liaising with consultants and engineers to coordinate the execution of HSBC's Net-Zero Transition Plan, ensuring it aligns with industry standards

### PRD

Oct. 2021 – Jan. 2023

*Research Consultant*

*London, UK*

Consulting and conducting data analysis for the delivery of sustainable strategies for net-zero cities. My responsibilities included:

- Provided **consultancy services** and managed projects for local authorities on their green and sustainability strategies
- Assisted London boroughs in accelerating their plans to promote net-zero activities such as the circular economy
- **Communicated insights and findings** using data visualisation tools such as **GIS** and **Tableau**, creating maps for **geospatial analysis** and **visualisations**
- Collaborated with colleagues to create insights using **qualitative** and **quantitative research** and **analysis**. Developed **research methodologies** that were synthesised into reports and strategies for the client's requirements
- 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

## EDUCATION

### University College London

2020- 2021

*MSc Sustainable Urbanism- Distinction*

- Thesis: adopted a **mixed-method approach** to explore climate change risk and governance in Lagos
- Focused on urban design, green infrastructure, **smart cities**, **climate change risk** and sustainable housing

### University College London

2017 - 2020

*BSc Environmental Geosciences- Second Class Upper*

- Thesis: geological mapping project, used **ArcGIS** to reconstruct the complex geological history of Lake Coniston
- Focused on **carbon capture** and **storage**, **EIA**, **climate risk management**, catastrophe models and natural resources