# Abiodun Oluwaferanmi Adeagbo

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## Work Experience

- **AI Forge**                                                                                                     2023 -
  Data Scientist
  Collaborating on building advanced machine learning models for creating credit score, assessing creditworthiness and generating reports based on foreign financial histories, targeting financial well-being enhancement for UK immigrants.

  Roles:
  1. Sourced the initial dataset used for analysis, encompassing comprehensive financial history data.

  2. Conducted extensive data analysis of financial history, leading to a deeper understanding of individuals' financial behaviors.

  3. Contributed to the development of credit scoring systems and creditworthiness assessments, which resulted in more accurate and fair evaluations of creditworthiness.

  4. Actively involved in the process of building machine learning models, enhancing the project's capability to predict credit scores and assess creditworthiness more effectively.

- **Explore AI**                                                                                                 2023 - 2023
  Data Science Intern
  I work with a team to develop a marketing dashboard capable of evaluating and refining marketing content to suit a given user persona. This involved integrating OpenAI and the Llama 2 Large Language Model API.

  Roles:
  1. I took the initiative in crafting detailed user personas tailored to specific target markets, which enabled us to create more customized and effective marketing strategies.

  2. I led the development of the Streamlit dashboard, ensuring it met a high standard of quality and functionality, resulting in a user-friendly and efficient app.

  3. I collaborated with the modeling sub-team to integrate the LLM models into the Streamlit app and ensure its efficient operation.

  4. Regularly providing progress reports to marketing stakeholders to keep them well-informed about the app's development and performance, facilitating better decision-making and alignment with marketing goals.

- **Theatre Arts Department, UI**                                                                      2021 - 2022
  Technical Design Mentor
  Mentored final year Technical Design students at the University of Ibadan, 2021-2022, to provide industry orientation and practical exposure in collaboration with A-List Afrobeat celebrities.

  Roles:
  1. Guided and mentored final year students in the Theatre Arts department, providing them with valuable guidance and support during their academic journey.

  2. Collaborated with events involving A-List Afrobeat celebrities to create practical project opportunities for students, bridging the gap between education and industry experience.

  3. Equipped students with industry-relevant knowledge, skills, and insights, preparing them for successful careers in the entertainment and theatre arts industry.

- **Theatre Project Limited**                                                                           2018 - 2020
  Business Strategist
  I was responsible for formulating extensive strategies to drive the company's growth and expansion within the ever-evolving entertainment industry.

  Roles:
  1. Devised comprehensive growth strategies, providing a clear roadmap for the company's expansion and development.

  2. Successfully identified market opportunities, allowing the company to tap into previously untapped segments and increase its market share.

  3. Developed key industry partnerships, enhancing the company's network and fostering collaborations that contributed to its growth.

- **Thespian Family Theatre**                                                                2017 - 2018
  Technical Designer
  I spearheaded a diverse team of creative professionals to transform stories into captivating performances through the magic of lighting, stage design, and special effects.

  Roles:
  1. Led a multifaceted team of creatives, guiding them in the transformation of stories into captivating performances, ultimately enhancing the audience's engagement and the company's reputation.

  2. Oversaw the technical design and execution of performances, ensuring the seamless integration of technical design, resulting in more immersive and memorable stage experiences that drew larger audiences and increased ticket sales.

  3. Crafted immersive and visually stunning stage experiences, contributing to the overall success of the performances, enhancing the company's brand and profitability.

## Volunteering Experience

- **Nigerian Red Cross Society**
  During my National Youth Service Corps (NYSC), I actively participated in health awareness and outreach programs, with a focus on delivering essential healthcare information and services to uninformed individuals and rural communities. Our mission was to educate people about preventive healthcare measures and promote vaccination awareness.

## Skills

- Libraries and Framework: Python . Machine Learning. Data Preprocessing . Data Analysis . Data Visualization. Pandas . Scikit-Learn . SQL . Power BI . Numpy . Matplotlib . Pytorch . Streamlit . AWS Cloud Deployment . Natural Language Processing.
- Soft Skills: Team Coordination . Team Leadership . Communication Skills . Critical Thinking . Emotional Intelligence . Curiosity . Project Management . Time Management . Cultural Awareness.

## Projects

- **Sustainable Energy Transformation**

  I led a team in a project of national significance – ensuring a sustainable electricity supply in Spain. Our mission was to bridge the gap between renewable and fossil fuel energy sources, using data-driven insights. Through thorough analysis and modeling, our team achieved the top position on the leaderboard, showcasing the power of data science in shaping a sustainable energy future.
- **Employees Absenteeism Analysis**

  I collaborated with a team of three individuals to conduct an in-depth exploration into employee absenteeism, focusing on various lifestyle factors and collaboratively designing effective interventions. I created and presented a data story using Power BI dashboard visualizations, aiming to provide stakeholders with recommendations based on the valuable insights we uncovered. Our comprehensive approach involved dissecting absenteeism from multiple angles, considering factors like health, commuting, job responsibilities, and social aspects. The outcome was a remarkable achievement: a significant reduction in absenteeism rates and a substantial increase in overall productivity, showcasing the profound impact of our research and interventions.
- **Supply Chain Logistics Optimization**

  I led a talented team in a transformative project focused on enhancing supply chain logistics through data-driven strategies, particularly through SQL query writing. By diving deep into the 'Supply Chain Logistics' dataset, we uncovered valuable insights, from order shipping accuracy to warehouse efficiency. Our recommendations empowered the organization to make informed decisions, adapt to market changes, reduce costs, and ultimately enhance customer satisfaction.

## Education

- **Explore AI Academy**                                                                      2023
  Data Science

- **University of Ibadan**                                                                    2015
  Theatre Arts

## Interests

- Writing
- Storytelling
- Posing for a picture

## Reference

- **Available on request -**