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| **EMMANUEL IKOGHO OKEOGHENE** | |
| Nigeria | +2347019303717 | oke.kogo@gmail.com | [Linkedin](https://www.linkedin.com/in/emmanuel-ikogho/) |  [Github](https://github.com/ikoghoemmanuell) | [Portfolio](https://emmanuelikogho.netlify.app/) | |
| **EDUCATION** | |
| **Electrical Engineering**  University of Benin, Nigeria. | Aug. 2018 – Present |
| **Data Analyst Professional**  Azubi Africa | Sep. 2022 – Jun. 2023 |
| **WORK EXPERIENCE** | |
| **Data Analyst Intern, Linkorion Technologies, Nigeria.** | Jun. 2023 – Present |
| * I Prepare raw datasets provided by stakeholders for data analysis and machine learning, ensuring data quality, integrity, and compatibility with the project requirements. * Developed and implemented traditional time series models to forecast future sales of drugs for a pharmacy, resulting in a 5% improvement in prediction accuracy. This helps to prevent overstocking of drugs. * Actively contributed to the company's blog by writing insightful articles on data science topics, resulting in a significant increase in blog ratings from 500 to 3000 within just 2 weeks. | |
| **AI Community Surfer, Telus International, Remote (Part-Time)** | May. 2023 – Present |
| * Answered questions from users in the AI community about machine learning and data science. * Contributed to the development of educational resources such as videos for the AI community. * Collaborated with other AI community surfers to improve accuracy of training for hit apps. | |
| **Teacher’s Assistant, KidsCode Innovation Hub, Nigeria.** | Feb. 2020 – Apr. 2020 |
| * Helped students at to win 2nd place at tech festival. * Worked with lead teacher to organize projects aimed at teaching kids how to code. | |
| **VOLUNTEERING EXPERIENCE** | |
| **Lab Assistant, Reliance Medical Laboratory, Nigeria.** | Mar. 2022 – Nov. 2022 |
| * Greeted 100 patients per week and answered 200 questions about tests, requirements, and opportunities. * Improved the accuracy of patient records by 5% by implementing data entry system with google sheets. | |
| **PROJECTS** | |
| [**Predicting Customer Churn**](https://medium.com/@emmanuel.ikogho/classification-predicting-customer-churn-3456c488aaf9) | May. 2023 – Jun. 2023 |
| * In this project, the goal was to predict customer churn for a telecom company by analyzing various customer attributes and behaviors. * I trained 6 different machine learning algorithms, compared and evaluated them using default hyperparameters. After which I fine-tuned the best performing model using GridsearchCV which gave it 2% more accuracy. * I collaborated with a team to conduct an exploratory data analysis on the dataset, and provided valuable insights and recommendations for improving customer retention in the telecommunications company. | |
| [**Sentiment Analysis**](https://medium.com/@emmanuel.ikogho/sentiment-analysis-with-finetuned-models-aef6ed52ace3) | Feb. 2023 – Mar. 2023 |
| * We used hugging face transformers to fine-tune models that predict the emotion of covid-19 tweets. The model was deployed as a web application using streamlit. * I worked with a team to conduct data preprocessing and tokenization of the text data. We used GPU runtime on Colab which significantly shorted the runtime of training. | |
| [**Classification: Detection of Sepsis**](https://medium.com/@emmanuel.ikogho/classification-predicting-sepsis-with-machine-learning-and-fastapi-3a3d05d0b5b4) | Jan. 2023 – Feb. 2023 |
| * We developed a model using clinical data to accurately identify sepsis risk. We deployed the model as a FastAPI-based API using Docker. * I cleaned the dataset and created new features for the dataset which raised the evaluation score of the best performing model from 0.69 to 0.89. | |

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| **SKILLS** |
| **Technical skills:** python, mySQL, power BI  **Others:** Streamlit, Docker, FastAPI, Excel, Gradio |