

NODJIRAMBAYE PENSET ERIC

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💻 GitHub: github.com/nodjirambaye

Professional Summary

Aspiring data analyst with a background in economics and a strong portfolio of Python-based data projects. Experienced in data storytelling, statistical analysis, and community-driven digital education. Combines technical expertise with communication and leadership skills to solve economic and social challenges.

Skills & Tools

Languages & Tools: Python, SQL (MySQL), Pandas, NumPy, Matplotlib, Seaborn, scikit-learn, Jupyter, Git/GitHub, Excel, HubSpot

Concepts: Data Cleaning, EDA, Regression, Classification, Data Visualization, CRM Tools, Data Storytelling

Education

BSc (Ed) Economics

Nasarawa State University, Keffi, Nigeria — *July 2012 – August 2017*

Professional Experience

AI Research & Digital Literacy Advocate

Self-Initiated Research | April 2024 – Present

- Led AI awareness projects for 200+ participants in underserved areas.
- Created educational materials and visual content explaining AI and data concepts.
- Built and deployed the AI Club Interactive System using Python.
- Published learning tools and reports on GitHub to promote open-access education.

Business Data Consultant (Remote)

Malqart | Sep 2020 – Present

- Analyzed CRM, sales, and market data for 20+ clients using HubSpot and Excel.
- Created dashboards to track performance metrics and optimize customer pipelines.
- Produced data-driven reports and proposals that improved client retention by 30%.

Startup & Market Research Analyst

Akuuk (Startup Phase) | Nov 2017 – Jun 2020

- Conducted market research and feasibility studies using Excel and survey data.
- Built financial models for forecasting and investment planning.
- Co-created investor pitch decks focusing on ROI projections and market insights.

Economics Teaching Intern (Statistics & Data Focus)

Gov't Day Secondary School, Karu | Sep 2015 – Dec 2016

- Taught economics and statistics to 100+ students with emphasis on data interpretation.
- Developed Excel-based tracking tools for grading and performance monitoring.
- Integrated real-world datasets into lesson plans to enhance analytical skills.

Certifications

- Data Science Bootcamp – Aiplanet (2023)
- Python Programming – Wildlearner (2023)
- Natural Language Processing – Aiplanet (2024)
- AI for Beginners – HP Life (2024)
- SQL – Mindluster (2023)
- Procurement & Supply Chain – Blue Ocean (2024)
- Advanced French & Translation – Open University UK (2022–2023)
- Introduction to programming

Kaggle 2022

Technical Projects

Nigeria Inflation Visualization (2010–2023):

Cleaned and visualized time-series inflation data using Python and Matplotlib. Communicated trends using line charts and annotations.

Inflation Trend Analysis:

Built regression models and correlation heatmaps to assess inflation drivers in Nigeria. Shared results and visualizations on GitHub.

AI Club Interactive System:

Developed a Python-based system for managing AI club sessions, collecting feedback, and tracking member progress.

Python AI Voice Assistant:

Created a voice-controlled assistant using `speech_recognition`, `pyttsx3`, and `webbrowser`. Allowed users to get answers, automate tasks, and interact hands-free.

Python GUI Tools (Guessing Game & Calculator):

Developed two interactive applications using Tkinter: a number guessing game with input validation and a basic calculator for arithmetic operations.

Community & Leadership**Coach**, Hills Top Warrior Basketball Team (2018–Present)

- Led the team to Milo Tournament victory in 2019 and mentored youth players.

Secretary, Virgin Most Powerful Presidium (2021–2024)

- Coordinated youth outreach and development programs within the local church community.