

Emmanuel Amadi

Data Analyst

PROFESSIONAL EXPERIENCE

Hamoye AI Lab, Hamilton, BM — *Data Storytelling Intern*

SEP. 2023 – DEC. 2023

- Gathered, cleaned and visualized data from several sources to communicate insights and trends to target audience, factoring in audience demographics.
- Attained **Top 5 Interns** milestone in the data storytelling category.
- Worked with other interns to perform a group data analysis on drought occurrence in Africa.
- Employed some data visualization tools such as Tableau and PowerBI in the execution of some projects.

Cisco Networking Academy, California, US — *Data Analyst (Training)*

NOV. 2023 – DEC. 2023

- Used Excel for data importation, exploration, cleaning, analysis and visualization.
- Employed SQL to manipulate and analyze data in relational databases.
- Analyzed and interpreted trends from the data to improve decision making.

PROJECTS

COMPARATIVE ANALYSES OF SEVERITY AND IMPACTS OF DROUGHT IN AFRICAN COUNTRIES SINCE THE BEGINNING OF THE 21ST CENTURY

- I worked with a team of interns to clean the data and sourced for additional data to provide better analysis of the project.
- I visualized the data using tools like Plotly, Seaborn and Matplotlib, showing the trends of drought in Africa over time and identifying trends.
- I also wrote a data story on the impact and trends of drought in Africa, stating which countries and regions were most affected and measures that should be taken to mitigate the spread of drought.

UNRAVELING THE DYNAMICS OF FOOD SHORTAGES IN AFRICA OVER THE PAST DECADE (2004 - 2013)

- I performed data wrangling and cleaning on the two FAO datasets given.
- After data cleaning, I went on to analyze and visualize the data to identify trends of food production and supply in Africa within the time frame stipulated.
- I wrote down my findings and recommendations in a data story, predicting which countries were most likely to suffer food shortage especially with recent events occurring in some African countries.

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SKILLS

Data Analysis and Visualization.

Data Storytelling.

Digital circuit description and analysis.

Engineering design and analysis.

Interpretation and analysis of P&IDs/PFDs.

TOOLS

Python, SQL, Seaborn, Matplotlib, Plotly, Tableau, PowerBI, VHDL, AUTOCAD, MATLAB, Arduino.

AWARDS

Chevron Nigeria Limited JV Scholarship awardee

Fellow at Hamoye

EDUCATION

University of Nigeria, Nsukka

Electronic and Computer Engr.

(Digital Electronics)

2023

GPA: 4.33

Udacity Inc., California

Data Analysis (Ongoing)

NOV. 2023 - PRESENT

Hamoye AI, California.

Certified Data storyteller

2023