



## Contact

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## Education

**High school** 2010 - 2016  
Enugu state high school

**Bootcamp** 04/2023 - 09/2023  
Google basic and advanced data analysis program

**Bootcamp / Intern** 04/2023 - 10/2024  
ALX Africa data science / analysis course

## Skills

- Python
- SQL
- Tableau
- Pandas & Numpy
- Seaborn
- Communication
- Power BI
- SQL Server
- Window function
- EDX
- DAX
- R
- Matplotlib
- Git
- Power query
- Business Intelligence
- Data Analysis
- Product Analysis
- Analytical Skills
- Restful API's
- Data Modeling
- Data Visualization
- Data Mining
- Statistics
- ETL
- Blockchain

## Language

**English - fluent**  
Portuguese - A1  
Igbo - Native

# Eze Anthony

## Data scientist / Analyst

I am a professional Data Scientist and Data Analyst with extensive experience in leveraging advanced tools and programming languages to extract insights from complex datasets. Skilled in Python, R, SQL, Excel, Power BI, Tableau, and big data technologies, I specialize in data wrangling, statistical analysis, machine learning, and data visualization. My expertise spans end-to-end data processes, including data collection, cleaning, modeling, and interpretation, enabling businesses to make informed, data-driven decisions. With a strong analytical mindset, I transform raw data into actionable intelligence, driving innovation and efficiency across industries.

## Experience

### Big Data Warehouse Project for Sales Analysis 2025 - present **Data Analyst**

This project focuses on designing and implementing a structured Sales Data Warehouse from scratch using SQL Server Management Studio (SSMS). The objective was to optimize historical sales data storage, transformation, and analysis by following a multi-layered schema architecture:

- 1 Data Warehouse Setup:** Created and structured the database within SSMS, ensuring a scalable and efficient foundation for sales data.
- 2 Schema Structuring:** Designed a three-tier schema to manage data flow and transformation:
  - **Bronze Schema (Raw Data Layer):** Holds multiple raw historical sales tables in their original structure, preserving unprocessed transactional data.
  - **Silver Schema (Refined Data Layer):** Extracted, cleaned, and transformed data from the three-bronze layer, ensuring consistency, integrity, and relational structuring for advanced analysis, and then use the cleaned data tables to create the silver schema tables.
  - **Gold Schema (Optimized Reporting Layer):** Aggregated and structured the cleaned silver data into high-performance tables optimized for reporting, insights, and business intelligence.
- 3 Data Processing & Optimization:**
  - **Data Mining & Cleaning:** Removed duplicates, handled missing values, and standardized formats.
  - **Data Relationship Structuring:** Established primary and foreign key relationships for better query performance.
  - **Advanced Querying & Reporting:** Enabled real-time and historical sales trend analysis for better decision-making.
  - This structured approach ensures efficient data retrieval, enabling advanced business intelligence (BI) solutions and data visualization for sales performance analysis.

**Project github link:** [https://github.com/cullkid/SQL\\_Data\\_Warehouse\\_Analysis\\_Project](https://github.com/cullkid/SQL_Data_Warehouse_Analysis_Project)

### Freelance personal project 2024 - 2024 **Data analytic on Stack overflow survey**

In this project, I am working with real-life CSV data from the Stack Overflow Developer Survey, where respondents shared the programming languages they use. As a participant in the survey myself, I gathered valuable insights by applying a series of data pipeline steps to analyze the results using Python and the Pandas library.

Data pipeline used:

1. **Data Collection:** Extracted from the Stack Overflow Developer Survey.
2. **Data Cleaning:** Used Python's csv library to split multi-language entries.
3. **Data Mining:** Applied Counter to analyze language popularity.
4. **Data Analysis:** Used Pandas to structure and highlight top languages.
5. **Data Visualization:** Created bar and pie charts with Matplotlib to show top languages, emphasizing the most used.
6. **Data Splits:** Ensured accurate separation of multi-language responses.

The final insights revealed the most popular programming languages among developers

Project github link: <https://github.com/cullkid/stack-overflow-developers-most-used-language-survey-analysis>

## Freelance personal project Pizza sales analysis 20215

2023 - 2023

As a Data Analyst, I investigated a pizza store's 2015 annual sales data to verify discrepancies in the 2025 sales report, originally provided in June 2018. The goal was to compare key performance metrics and detect inconsistencies.

Data Pipeline Process:

- ◆ Data Collection – Extracted 2015 sales data using SQL Server Management Studio (SSMS).
- ◆ Data Mining – Queried key metrics (revenue, orders, pizza categories, sizes).
- ◆ Data Cleaning – Removed duplicates, handled missing values, and standardized formats.
- ◆ Data Transformation – Aggregated data and identified trends.
- ◆ Data Visualization – Built Power BI dashboards showcasing: Sales & order trends Category & size performance Best & worst-performing pizzas
- ◆ Comparative Analysis – Cross-checked 2015 insights with the 2025 report to detect discrepancies.

Technologies Used:

- ✓ SQL Server Management Studio (SSMS) – Data extraction & querying
- ✓ Power BI – Data cleaning (DAX), visualization & reporting

This project provided interactive insights, aiding strategic decisions on menu optimization and pricing strategies.

Project github link: <https://github.com/cullkid/PIZZA-SALES-2015>

## Teleperformance Portugal

2023 - present

### Product Support & Analyst – Diabetes Care

Currently serving as a dedicated Product Support Analyst, I assist people with diabetes in utilizing their Omnipod technology product to receive continuous daily treatment. In this role, I leverage Salesforce, a powerful CRM tool, to gather and organize customer data, which I then analyze alongside product functionality metrics. This analysis helps determine the effectiveness of the product in supporting insulin therapy and ensures an easy, seamless experience for users. bring a wealth of experience in driving customer satisfaction and catalyzing business growth. By harnessing my deep product knowledge and adept communication skills, I actively guide customers through product features, resolve complex technical inquiries, and tailor solutions to align with their unique needs. My collaborative approach extends to working closely with cross-functional teams, where I provide valuable insights to enhance product offerings and elevate overall user experiences. Through data-driven assessments, I contribute to refining product performance, ensuring that users receive optimal treatment and support.

Beyond technical assistance, I deeply empathize with customers, acknowledging the challenges of managing a lifelong condition like diabetes. I strive to create a supportive environment where they feel understood and reassured, reinforcing my commitment to delivering top-tier support and fostering lasting client relationships

## ALX-Africa Internship Project: Clean Water Access Analysis

2022 - 2023

### Data Analyst

I analyzed Sub-Saharan Africa's access to clean water using survey data from the United Nations Development Programme (UNDP) to identify household water sources, clean water availability, access challenges, and root causes. The project aimed to highlight disparities and improve resource allocation for sustainable water access.

The data pipeline included:

- SQL & Excel – Extracted, cleaned, and structured large datasets for analysis.
- Power BI – Created interactive dashboards visualizing access gaps and regional trends.
- AI – Applied machine learning to detect patterns and predict future water accessibility issues.

This project provided critical insights for policymakers, NGOs, and stakeholders to enhance water distribution and infrastructure planning in affected regions.

Project github link: [https://github.com/cullkid/Access to water service in sub sahara \\_Africa](https://github.com/cullkid/Access to water service in sub sahara _Africa)