

# MATTHEW ADENYO

[adenyomathew@gmail.com](mailto:adenyomathew@gmail.com) | +233 24 789 8793 | [LinkedIn](#) | [Portfolio](#) | Beposo, Shama, Western Region, Ghana

## EDUCATION

---

**University of Mines and Technology (UMaT)** **Tarkwa, GH**  
*BSc Mathematics*

**Ghana Senior High/Tech School (G.S.T.S)** **Takoradi, GH**  
*WASSCE (General Science Option)*

## SKILLS & INTERESTS

---

**Skills:** Microsoft Office (Word, Excel, PowerPoint) | Latex | SQL | R | Python | Power BI | Matlab

**Interests:** Computational Mathematics | Mathematical Modelling | Bio-Mathematics | Statistics | Data Science | Teaching & Research | Public Speaking

## WORK EXPERIENCE

---

**Mentorress** **Gujarat, IN**  
*Data Analyst Intern* *Apr 2024 - May 2024*

- Performed data cleaning, analysis and visualization to support business decisions, enhancing strategic insights.
- Developed an interactive dashboard using Power BI to identify trends and contributing factors in aviation incidents, improving incident management.

**Cognifyz Technologies** **Nagpur, IN**  
*Data Science Intern* *Mar 2024 - Apr 2024*

- Assisted in developing machine learning models to predict customer behaviour, achieving high predictive accuracy.
- Conducted exploratory data analysis to identify key trends and insights, providing actionable insights for marketing strategies
- Implemented data pre-processing techniques to prepare data for analysis.

**Learners Platform** **Accra, GH**  
*Mathematics Tutor* *Mar 2023 - Mar 2024*

- Provided Mathematics tutorials to Senior High School and Junior High School Students.
- Provided solutions to Senior High School and Junior High School Mathematics past questions, aiding students in exam preparation

**University of Mines and Technology (UMaT)** **Tarkwa, GH**  
*Teaching/Research Assistant* *Nov 2021 - Oct 2022*

- Assisted lecturers with research works, presentations, classroom instructions and exam preparation, improving student performance and engagement.
- Tutored and mentored undergraduate students in Mathematical Programming, Linear Algebra, Calculus and Numerical Methods & Scientific Computing.
- Supervised and marked student's assignments and tests.

**Nata Academy Preparatory School** **Beposo, GH**  
*Mathematics & Science Tutor* *Jun 2016 - Aug 2017*

- Taught all classes of the school level curriculum from Junior High School 1 - 3 Mathematics and Integrated Science, achieving a 10% improvement in student grades.

- Administered feedback to students using positive reinforcement techniques to encourage and build confidence in students. Implemented listening and questioning strategies to diagnose student needs and monitor their progress.

## PROJECTS

---

- **Game Analysis: Decoding Gaming Behaviour | SQL**

Conducted an in-depth analysis of a gaming dataset, uncovering player trends, patterns, engagement and performance metrics.

- **Restaurant Data Analysis | R**

Analysed a restaurant dataset to explore insights and identify key trends in customer behaviour, menu preferences and most common price range. Implemented statistical models and visualizations to provide actionable insights for optimizing menu offerings, pricing strategies, and operational efficiency. Build four different predictive models to predict ratings of restaurants and compare their performance.

- **Pizza Sales Analysis | Power BI**

Executed end-to-end analysis of pizza sales data utilizing advanced data visualization techniques to identify key trends and insights such as top and bottom performers by revenue, quantity and orders and customer's favourite pizza type and size.

## LEADERSHIP EXPERIENCE

---

- **Association of Mathematics Students, (UMaT)**

**Tarkwa, GH**

*President*

*Nov 2020 - Jul 2021*

- Organized 4+ events, achieving an average attendance of 160 participants, enhancing the association's visibility.
- Conducted 2 academic workshops and seminars which benefited 100+ students in the department.
- Initiated a peer tutoring program, resulting in improved grades for 50+ students.

- **Ghana Methodist Students' Union (UMaT Local)**

**Tarkwa, GH**

*President*

*Apr 2019 - Jul 2021*

- Spearheaded initiatives that increased the union's financial stability, generating a surplus of over GHS 54,000 through strategic programs and fundraising activities.
- Facilitated the acquisition of essential instruments such as projector, drums, speakers, audio mixer, popcorn machine and canopies to improve the union's operational capabilities.
- Expanded the union's membership by 15%, enhancing the union's engagement and influence on campus and in sister schools.

## AWARDS & ACHIEVEMENTS

---

- Certificate of Achievement, ALX AiCE - AI Career Essentials Jul 2024
- Statement of Accomplishment, Associate Data Analyst in SQL – DataCamp [[Credential](#)] Jan 2024
- Statement of Accomplishment, Data Scientist in R – DataCamp [[Credential](#)] Oct 2023
- Certified Associate Data Scientist – DataCamp [[Credential](#)] Sep 2023
- UNESCO-India-Africa Hackathon Finalist Nov 2022
- Certificate of Completion, Power BI Fundamentals – Festman Learning Hub Sep 2022
- Certificate of Completion, Introduction to Data Science in Python: Coursera [[Credential](#)] Feb 2022