AYOMIDE ADELEYE

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EDUCATION

- **The African Leadership University,** Kigali, Rwanda — **September 2024 - Present**
Bachelor of Software Engineering (BSE) — **Grade: 3.99**

- **SAT** [LINK] — Date taken: **December 2023**
1360 / 1600: (**690** Math**, 670** Evidence-Based Reading & Writing**)**

- **TOEFL** [LINK] — Date taken: **January 2024**
99 / 120: (**29** Reading**, 27** Listening**, 19** Speaking**, 24** Writing**)**

SKILLS

- **Programming Languages:** Python (Pandas, NumPy, SciPy, MatPlotLib, VADER, Spacy, TextBlob), SQL

- **Databases:** MySQL

- **BI & Visualization Tools:** Tableau, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting), PowerBI

PROJECTS

Sales Performance Analysis — **January 2025**

- Analyzed a dataset of **99,500 transactional rows** using **Excel** to derive customer sales trends and segment performance, enabling a 30% faster understanding of sales performance.
- Developed **5 KPIs** to track sales efficiency, customer engagement, and regional growth trends.
- Created a dynamic dashboard using **PowerBI** and **Excel pivot tables and charts**, providing **6 interactive visualizations** for actionable insights.
- Identified **2 key areas** for strategic improvements, boosting revenue growth opportunities and customer retention strategies.

Sentiment Analysis Project — **January 2025**

- Collected and processed **16,000 YouTube comments** using the **YouTube API** for data extraction.
- Cleaned and analyzed data with **Python-based NLP libraries**: **NLTK, TextBlob, VADER, emoji** for sentiment analysis and trend identification.
- Created **6 visualizations** in **Power BI**, focusing on sentiment distribution, comment frequency, and trends over time.
- Derived **3 actionable insights** to guide content strategies, based on sentiment analysis and audience engagement patterns.

WORK EXPERIENCE

Brainwave Solutions, India — **Kigali, RW**
Data Analyst Intern — **January 2025**

- Assisting in **data analysis and reporting tasks**, contributing to customer insights and **operational improvements**.
- Working with the team to implement **data visualization techniques** and **streamline analytical processes**
- Gaining hands-on experience in **data collection, cleaning**, and creating **actionable insights** to inform business strategies.
- Engaging in collaborative projects to enhance overall **analytical capabilities** within the company.