# MATTHEW MICHAEL

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Lagos, Nigeria

## **Skills**

- SQL (PostgreSQL)
- Python (Pandas, Jupyter)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)

- Web Scraping
- Data Analysis
- Data Visualization

# **Projects**

#### WEB SCRAPING - Personal Project

- Utilized powerful libraries such as BeautifulSoup, request in Python to scrap data from a website about the list of largest companies in the United States by revenue.
- I successfully handled difficulties like multiple tables and dynamic web pages, ensuring the accuracy of the data collected for further analysis.
- Aggregated and visualized the data by using pandas and Matplotlib to compile a professional report.

### COVID-19 DASHBOARD - Personal Project

- I designed and developed an interactive COVID-19 **Tableau dashboard** that gave users useful insights by effectively visualizing historical pandemic data, such as infection rates, total cases, total deaths, and geographic hotspots.
- I created a thorough educational dashboard using Tableau's data processing and **visualization** tools to provide people with a look back at the pandemic's development.

## COVID-19 PANDEMIC ANALYSIS (EDA) - Personal Project

- I thoroughly explored and analyzed COVID-19 data using **SQL**, filtering through **large datasets** to find trends, patterns, and insights regarding infection rates, death rates, and healthcare outcomes.
- I extracted, cleaned, and transformed data from numerous sources using advanced SQL querying techniques, which allowed me to better understand how the epidemic affected different regions and populations.
- My COVID data exploration and analysis with SQL demonstrated my proficiency in data manipulation and querying, providing actionable insights that informed public health strategies and decision-making during the global health crisis.

# **Work Experience**

#### SMSAM SYSTEMS LTD - Cyber Security - Lagos, Nigeria

2022 - 2023

- I employed data analysis tools like Tableau while working with seasoned cybersecurity experts to gain insightful information from security logs, assisting in the early discovery of security threats and occurrences.
- My role as an entry data analyst allowed me to develop foundational skills in data manipulation and interpretation
  within the context of cybersecurity, reinforcing my commitment to safeguarding digital assets and enhancing my
  capabilities in this critical field.

# **Education**

#### BACHELOR OF SCIENCE IN COMPUTER SCIENCE - Landmark University - Nigeria

September 2022

## **CERTIFICATIONS**

- Google Data Analytics Professional Certificate
- Data Analytics Bootcamp by Alexander Freberg

VOLUNTEERING	
•	FoodClique Support Initiative (2022 – Present)