

THEO GREATMAN CHUKWUKA

GRADUATE DATA ANALYST

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PROFESSIONAL PROFILE

First Class with Honours Information Technology and Business Information Systems graduate with a **Distinction** in Software Engineering, specializing in data analysis using Python, pandas, SQL, MySQL and Tableau. Hands-on project experience cleaning, transforming, querying and analyzing structured datasets; performing exploratory data analysis; developing dashboards; identifying trends; and applying regression and predictive modelling techniques. Combines analytical thinking with a strong database and programming foundation, including relational data modelling, API data integration and technical documentation. Seeking an entry-level or graduate Data Analyst or Junior Data Analyst role where data can be translated into clear, evidence-based insights.

TECHNICAL SKILLS

Data Analysis & BI: Python, pandas, SQL, Tableau, data cleaning, data wrangling, exploratory data analysis (EDA), data visualization, trend analysis, dashboard development, KPI analysis

Statistical & Predictive Analysis: regression, predictive modelling, statistical analysis, feature investigation

Databases & Data Management: MySQL, relational database design, SQL querying, data modelling, CRUD operations, data extraction, data transformation, data validation, structured data management

Programming & Integration: Python, PHP, JavaScript, REST APIs, API integration

Tools & Delivery: Git, GitHub, VS Code, Postman, Agile, SDLC, debugging, technical documentation, analytical problem solving, communication

DATA ANALYTICS PROJECTS

Disease Vulnerability Across Age Demographics - Python, pandas, Tableau

- Analyzed secondary global health datasets to investigate vulnerability to diabetes, asthma, influenza and COVID-19 across age groups, converting raw data into interpretable demographic and time-based insights.
- Cleaned, transformed and analyzed data using Python and pandas, performed exploratory data analysis and developed analytical visualizations and an interactive Tableau dashboard.
- Applied regression and predictive modelling techniques, documented methodology and limitations, and communicated findings through a structured analytical report and dashboard.

Movie Max - Database & Content Data Platform - SQL, MySQL, PHP, REST APIs

- Designed a relational MySQL database for movies, television and blog datasets and wrote SQL queries with PHP backend logic to retrieve, filter, insert, update and display structured records dynamically.
- Built data retrieval and management workflows linking application interfaces to MySQL, applying relational data modelling, extraction, transformation and validation principles to maintain organized content records.
- Integrated third-party APIs to retrieve movie and television metadata and combine external data with locally managed database records, demonstrating practical experience working with multiple structured data sources.

London Transport Performance Analytics (TFL)

- Building an end-to-end analysis of public London transport data to examine passenger demand, station usage, disruption patterns, peak periods and network performance.
- Project workflow covers Python data cleaning and transformation, SQL analysis, KPI definition, trend analysis, technical documentation and development of an interactive BI dashboard.

Financial Transaction & Fraud Analytics - Current Portfolio Project

- Developing a Python and SQL transaction analytics case study to investigate spending behaviour, anomalous transactions, customer risk segments and potential fraud indicators.
- Project scope includes data wrangling, exploratory and statistical analysis, feature investigation, dashboard reporting and evaluation of a predictive fraud-detection model.

EDUCATION & QUALIFICATIONS

BSc (Hons) Information Technology and Business Information Systems - Middlesex University London
First Class Honours | June 2026

Advanced Diploma in Software Engineering - APTECH LIMITED
Distinction | December 2024

West African Senior School Certificate Examination (WASSCE / WAEC) - 2023
A1 grades: Mathematics, Computer Studies, Data Processing and Civic Education.