Data Analyst

ABDULMUMIN SOLIHU

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https://abdulmuminweb3writer.github.io/myanalyst/portfolio/

Ilorin, Nigeria

Skills

- **SQL** (MS SQL Server, PostgreSQL)
- **Python** (Functions, Pandas, NumPy, SciPy, Matplotlib)
- **Tableau** (Calculated Field, Visuals, Dashboard)
- **Excel** (VLOOKUP, Conditional Formatting, Pivot Tables, Pivot charts and Dashboarding)
- **SPSS** (Correlation, Regression, T-test, Descriptive, Chi-square, Hypothesis testing, Multicollinearity test)

- **Non-Relational Database, NoSQL** (MongoDB)
- **Microsoft Power BI** (Power Query, DAX, Charts and tables, Compelling Dashboard)
- **Collaboration and Team working** (Trello, Slack)
- **Microsoft PowerPoint** (Data reporting, Impactful Presentation, Insightful reports, Recommendation)
- **Looker Studio**

Work Experience

FREELANCE DATA ANALYST – Electron Logistics **–** Lagos State, Nigeria   July, 2022 - Present

- Develop a data storing techniques for the company that help them better take in transaction data and store in an even format across all instances
- Carry out data exploration, cleaning and processing using **Microsoft Excel and Power Query** to prepare the data ahead of analysis.
- Use company data to identify top customer (vendors and restaurants) from which most income is generated, which helps the company channel their strategies properly **and reduces marketing effort by 20%**
- Help the company define and identify Key Performance Indicators, Financial growth and trends across income and expenses generated over a period of time.
- Carry out predictive analysis using **Power BI Forecast** to predict the future performance of the company using existing data.

DATA COACH – Nebiant Analytics **–** Lagos State, Nigeria   July, 2022 - Present

- Coordinate and manage **programs**, ensuring smooth operations and **effective delivery of data related course materials**.
- Serve as the **primary point of contact** for students, addressing inquiries, providing guidance, and **offering support** throughout the **data analytics, business analytics**, and **data science** training programs.
- **Assist Lead instructors** with class preparation, including **setting up materials**, coordinating schedules, and managing classroom logistics.
- **Monitoring and evaluating** student progress in their **data journey**, providing feedback and recommendations for improvement.
- Maintaining accurate records of attendance, assessments, and other relevant data.
- Collaborate with the training and development team to continually **enhance the quality training** and other programs.

DATA ANALYST – Pee5ive Cyber Café **–** Ilorin, Kwara State, Nigeria   January 2022 - Present

- Assisted students in entering field-collected data from surveys and questionnaires into Excel workbooks which help reduced whole analysis time by 50%
- Ensured accuracy and completeness of data by looking out for outliers and anomalies through thorough data cleaning
- Analyzed prepared data using **Excel** and **SPSS**, and reporting key insights from large volume of data to aid students' project work

DATA ANALYTICS INTERN – Accenture North America – New York City, United States   November, 2023

- Completed a simulation focused on achieving a **hypothetical insight** on social media analytics for Accenture client
- Cleaned, modelled and analyzed **7 datasets** to uncover insights into content trends to inform strategic decisions
- Developed an interactive dashboard and report using **Excel** and **Power BI** with a compelling interface
- Prepared a PowerPoint deck and video presentation to **communicate key insights** for the client and internal stakeholders

Projects

INCOME, EXPENSES, AND TRANSACTION FORECAST – [Electron Logistics Project](#) – Osun, Nigeria   July 2024

- Utilized **Microsoft Excel** to clean, process and prepare the company's historical business data and explore before analyzing
- Using **Power Query** correct errors and anomalies in the data, then using **Power BI** to visualize key insights and create a dashboard
- Leveraging **Microsoft Word and WPS** to write interesting report of the analysis and using **Canva** to create presentation slides.

IMPACT OF REMOTE AND IN-OFFICE WORK – [Personal Project](#) – Ilorin, Nigeria   March 2024

- Utilized **Power BI** to analyze a dataset of 100 remote and in-office workers to deduce impact on health and productivity
- Implemented **Power Query** techniques to comb through some columns in order to create new group for ease of analysis
- Aggregated and visualized the data by using **DAX formula, charts, tables, and cards** to develop a professional dashboard

ENGINEERING STUDENT STRESS FACTOR ANALYSIS – [Personal Project](#) – Ilorin, Nigeria   December 2023

- Extracted the data from a trusted source in other to have a holistic, non-bias look into the stress factor of Engineering students
- Transformed and filtered data by using aggregating and filtering function in **Power Query** to improve reporting process
- Loaded and visualized data with **Power BI** to identify key insights that can improve student's performance and reduce stress

DATA PROFESSIONAL SURVEY BREAKDOWN – [Personal Project](#) – Ilorin, Nigeria   November 2023

- Utilized **Power Query** to transform the data of 630 data professionals and gain insights into what a career in data looks like
- Performed data cleaning and transformation to successfully identify the major elements like common programming language
- Visualized the key insights such as average salary, age, work-life balance, difficulty in breaking into data etc. using **Power BI.**

AAVE CRYPTOCURRENCY TIME SERIES ANALYSIS – [BI Personal Project](#) – Ilorin, Nigeria   October 2023

- Created a dashboard with **Power BI** to identify data patterns and trends in the native digital asset of the company, **AAVE**
- Transformed and processed client's data by using **DAX** and **Excel** to ensure data completeness, consistency and validity
- Provided technical insights into the price trends, quarterly performances, and statistical averages such as average open and close prices, average traded volume, and average market cap.
- Consulted with similar analysis to determine the best metrics to be displayed on the final dashboard

Education

BACHELOR OF ENGINEERING IN AGRICULTURAL ENG. – University of Ilorin – Ilorin, Nigeria   May 2025

Skills acquired: Statistical inference, Mathematical, MS Office Packages, Digital Literacy