

Benedict Chibuiké Mbanefo

mabnefo.m19@gmail.com • [LinkedIn Profile](#) • [Github Portfolio](#)

PROFESSIONAL SUMMARY

Data Scientist with strong background in data analysis, machine learning, and statistical modeling. I am passionate about acquiring and empowering others with the knowledge and skills required to excel in the field of data science. Highly skilled and results-driven data professional with expertise in Tableau, Excel, Seaborn, Microsoft Power BI, MySQL, PostgreSQL, Data Cleaning, Data Analysis, Data Modeling, Data Profiling, and Data Validation. Google Certified Data Analytics Professional and Worldquant University Certified Data Scientist

SKILLS

- Data Analysis: Proficient in using statistical methods and data analysis techniques to derive meaningful insights from complex datasets
- Data Visualization: Tableau, Excel, Seaborn.
- Business Intelligence: Experienced in using Microsoft Power BI to build interactive and dynamic business intelligence solutions for data analysis and decision-making.
- Scripting Language: Python (NumPy, Pandas, Scikit-learn).
- Databases : MySQL, PostgreSQL, BigQuery
- Statistical Analysis: Hypothesis Testing, Regression Analysis
- Machine Learning: Supervised Learning, Unsupervised Learning.
- Data Cleaning and Validation: Able to identify and address data quality issues, perform data cleaning, and ensure data integrity through rigorous validation techniques.
- Data Wrangling: Pandas, SQL
- Data Mining: Association Rule Mining, Clustering Algorithms (k-means)
- Cloud Platforms: Google Cloud Platform (GCP)
- Communication: Strong verbal and written communication skills, with the ability to present complex data findings in a clear and understandable manner to both technical and non-technical stakeholders.
- ETL (Extract, Transform, Load): Familiar with ETL processes to extract data from various sources, transform it into a suitable format, and load it into the target database.

PROFESSIONAL EXPERIENCE

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI, (FUTO)

Research Assistant

Remote

March, 2023 - Present

- Assist in data collection, cleaning, and preprocessing for research projects.
- Conducted exploratory data analysis (EDA) to identify patterns and trends in datasets.
- Applied statistical analysis techniques to derive meaningful insights from research data.
- Collaborated with researchers to design and implement machine learning experiments.
- Developed and deployed predictive models to support research objectives.
- Utilized data visualization tools to present research findings in a clear and visually engaging manner.
- Participated in literature reviews and contributed to the development of research proposals. -
- Conducted code reviews and provided constructive feedback to team members. -
- Kept abreast of the latest developments in data science research and technologies.

IMBOD

Data Analyst

Remote

January 2023 - Present

- Collecting and analyzing data related to customer behavior, market trends, and business performance.
- Analyzing the results of A/B testing experiments using statistical analysis techniques and communicating the

findings to stakeholders to make data-driven decisions.

- Developing interactive dashboards and reports using Tableau and Power BI enabling stakeholders to make informed decisions.
- Conduct data analysis and data modeling to identify trends, patterns, and correlations in large datasets.
- Using data visualization tools to create reports and presentations that effectively communicate insights and findings to stakeholders, including senior management and cross-functional teams.
- Collaborating with cross-functional teams to gather business requirements and provide data-driven insights.
- Utilizing SQL to retrieve and manipulate data from databases, enabling efficient data processing for analytical purposes.

THE SPARKS FOUNDATION.

Data Science & Business Analytics

Remote

April – August 2022

- Implemented data validation and modelling to evaluate the data generated according to business requirements.
- Created real time reports system on strict deadlines for executive stakeholders and processes in SAS, Tableau, and proprietary systems.
- Attained a 20% profit margin increase by implementing analytical processes to evaluate profit and loss.

AIRTIMEFLIP TECHNOLOGY LIMITED,

Data Analyst

Owerri, Nigeria

January – April 2022

- Conducted data profiling and data validation to ensure data quality and consistency.
- Collaborated with the data engineering team to design and implement ETL processes for data extraction and transformation.
- Leveraged Microsoft Power BI to create interactive and dynamic dashboards for business intelligence reporting.
- Conducted ad-hoc data analysis to support various business initiatives and strategic decision-making.
- Assisted in data architecture and database design for efficient data storage and retrieval.
- Played a key role in data cleaning initiatives, resulting in a significant reduction in data errors and improved data accuracy.

F & R GLOBAL.

Data Entry Clerk

Lagos, Nigeria

January 2020 - December 2021

- Boosted efficiency of data entry by 30% by automating tasks with Excel
- Compiled data from multiple sources into one cohesive system, improving data consistency and removing 100% of duplicates
- Entered 300+ records per day of customer information

EDUCATION

FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI

Bachelor of Technology in Computer Science

Owerri, Imo State

July 2017 -July 2022

LANGUAGES:

English (Fluent)

CERTIFICATES

- Google Data Analytics Professional Certificate [Coursera]
- Applied Data Science Lab – [Worldquant University]

- Data Analyst - SQL Experience [EntryLevel]
- Data Analyst in Power BI [Datacamp]
- Certification in Digital Marketing [Hubspot Academy]

PROJECTS & ACCOMPLISHMENTS

Analysis on Cyclistic Bike Share Rides

- Extracted company data on bike trips, using SQL, Tableau and Excel, and provided analysis to answer business task. [Link to Project](#)

Prediction with Machine Learning

- Predicted the student score given the number of hours studies per day. [Link to Project](#)
- Predicted if a patient has heart disease or not based on certain medical attributes. [Link to Project](#)