

**MOTIVATION** Empowered by an unwavering passion for driving business success, I am dedicated to leveraging the power of Data Science and Machine Learning to make a positive impact within any company I join. I **systematically** & creatively use my skillset to **add tangible value** to the team, the business, and the end-user. I have a strong commitment to continuous learning and I am constantly seeking opportunities for personal growth and improvement.

**SKILLS & TOOLS** **Programming:** Python (Base, Pandas, Numpy, Matplotlib, Scikit-Learn), SQL

**Machine Learning:** Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, k-means, PCA, Association Rule Learning, Causal Impact Analysis

**Other:** Statistics, Github, Data Visualisation, MS Office, Tableau, Jupyter Notebook

**EXPERIENCE** **Bright Network Internship (Technology ), UK**  
JUNE 2023

- Actively participated in the prestigious Bright Network internship program, gaining valuable industry experience and expanding knowledge across key areas including commercial awareness, cloud architecture, digital service design, finance insights, sustainability, organisational culture, and cloud learning journeys. Engaged in inspiring sessions led by experts from renowned companies like Google, Lloyds Banking Group, Amazon, Alfa, and Reply. Honed transferable skills, including effective communication, public speaking, teamwork, and presentational abilities.

**Data Scientist - 10Alytics**  
JANUARY 2023 - PRESENT

- Conducted exploratory analysis of the Nigerian automobile market for a Chinese automobile company, leveraging Python, and **Pandas** for data cleaning and preparation, performing exploratory data analysis, and employing **Matplotlib** and **Seaborn** for visualisations to inform strategic decisions on entry and competition in the Nigerian market.
- Successfully led a project for a client in the HR industry, created interactive dashboards and visualisations using **Tableau**, enabling the client to identify trends and insights related to diversity and inclusion in their workforce, resulting in a 20% increase in diversity and inclusion initiatives within the company and a 15% increase in employee satisfaction.

**Medical Data Scientist - Mountain View Community Hospital**  
SEPTEMBER 2020 - FEBRUARY 2021

- Collaborated with healthcare professionals to compile and organise healthcare data, resulting in an increase in data accessibility and retrieval efficiency. This improvement led to a reduction in consultation times by approximately 10%, improving the doctor-to-patient ratio and overall patient satisfaction.

## >> DATA SCIENCE | ANALYTICS | MACHINE LEARNING

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### PROJECTS

#### Heart Disease Prediction

- Developed a robust **machine learning model** to predict the likelihood of heart disease by comparing the results of multiple machine learning algorithms. This model proved to be the best-performing one, with a high F1-score of 89.23%, which significantly contributes to improving the accuracy of heart disease predictions and supports proactive healthcare measures.

#### "You Are What You Eat" Customer Segmentation

- Used **k-means clustering** on grocery transaction data to split out customers into distinct "shopper types" that could be used to better understand customers over time, and to more accurately target customers with relevant content & promotions

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### EDUCATION

#### MSC Public Health (Grade - 2:1)

2021 - 2022 - University of Chester, UK

#### Bachelor of Medicine, Bachelor of Surgery (Grade - 2:1)

2012 - 2019 - Volgograd State Medical University, Russia

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### COURSES & CERTS

#### DSI Data Science Professional Certification

**Actionable Learnings:** Extracting & manipulating data using SQL. Application of statistical concepts such as hypothesis tests for measuring the effect of AB Tests. Utilising Github for version control, and collaboration. Using Python for data analysis, manipulation & visualisation. Applying data preparation steps for ML including missing values, categorical variable encoding, outliers, feature scaling, feature selection & model validation. Applying Machine Learning algorithms for regression, classification, clustering, association rule learning, and causal impact analysis for measuring the impact of an event over time. Using Tableau to create powerful Data Visualisations. Turning business problems into Data Science solutions.

#### 10Alytics Master Data Scientist Certification

**Actionable Learnings:** Using SQL for data manipulation and analysis. Applying data preparation steps for machine learning, including handling missing values, encoding categorical variables, detecting outliers, performing feature scaling, and conducting feature selection. Computer vision techniques including hand, face and eye detection.