

# Oluwadamilola Kolawole

Manchester, United Kingdom 

447770514878 

oluwadamilolakolawole9@gmail.com 

www.linkedin.com/in/oluwadamilola-kolawole/ 

Masters level Data Scientist with a strong Machine Learning and Artificial Intelligence foundation. Proficient in Python, R, and SQL. Adept at predictive analytics, statistical analysis, data visualisation, reporting, model building, deployment, enhancement, and performance monitoring. I excel at communication and teamwork to achieve results.

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## Skills

- **Data Management:** CRM Systems, Data Entry, Record-Keeping, Database - DBMS.
- **Data Analysis:** Client Behaviour Analysis, Statistical Analysis, Predictive Analysis, Time Series Analysis, Visualization, Customer Feedback Analysis, Text mining and Sentiment Analysis.
- **Programming:** Python, SQL, R
- **Machine Learning:** Data Preprocessing, Scikit Learn, Tensor Flow, Model building and Development, Evaluation Metrics (Precision, Recall, Accuracy)
- **Regulatory Compliance:** Data Privacy, GDPR, Data Governance
- **Communication**
- **Continues Learning**
- **Customer Service**
- **Teamwork**

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## Experience

JUN. 2020 – JUL. 2023

**Data Analyst / Kiatecs Global Concept Ltd**

- Developed and deployed a time series forecasting model to predict project timelines, allowing the company to anticipate delays and allocate resources more effectively, leading to a 15% improvement in project delivery times.
- Conducted a comprehensive client behaviour analysis using Python and SQL, identifying key patterns and trends that informed strategic decisions, which resulted in a 10% increase in client retention and satisfaction.
- Collaborated with the legal team to ensure full compliance with GDPR, establishing data governance protocols that safeguarded client data and mitigated the risk of regulatory fines, thereby protecting the company's reputation.
- Designed and presented data visualizations to communicate complex statistical findings to non-technical stakeholders, which facilitated informed decision-making and contributed to a 20% increase in project efficiency.

JAN. 2017 – MAY 2020

**Junior Data Analyst / Mikano International Limited**

- Analyzed customer feedback data from after-sales services to identify key issues in generator maintenance, which led to the development of targeted maintenance training programs, reducing customer complaints by 15%.

- Developed a predictive maintenance model using historical maintenance data and machine learning algorithms, which improved the scheduling of maintenance activities and decreased unexpected generator failures by 20%.
- Conducted a statistical analysis of production data to identify bottlenecks in the manufacturing process, leading to a 10% increase in production efficiency by implementing recommended process adjustments.
- Collaborated with cross-functional teams to integrate data insights into the development of new generator models, enhancing product features based on customer usage data, which contributed to a 7% increase in sales of the new models.

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## Projects

[Github](#)

### Auto Insurance Fraud Detection Using Machine Learning

- Developed and deployed an effective model that correctly detects patterns that suggest auto insurance fraud, strengthening the overall security of insurance claims.
- Evaluated the performance of the developed model, achieving high precision, recall, and overall accuracy, thereby ensuring reliable detection of fraudulent activities.

### Assessing Development and Prosperity with R

- Conducted comprehensive statistical analysis to gain insights into global development trends by examining GDP and various socio-economic factors across countries.
- Performed time series analysis to accurately forecast population growth rate, providing valuable insights for decision-making and policy planning.

### Text Mining and Sentiment Analysis

- Conducted sentiment analysis on customer reviews using Python and NLTK to accurately identify and categorise reviews as positive or negative based on sentiment intensity to understand customers' satisfaction and guide improvements in customer experience and service quality.
- Visualized customer review sentiments, highlighting areas of high satisfaction and potential improvement, to inform strategic decisions for enhancing the restaurant's service quality.

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## Education

SEPTEMBER 2024

[Masters of Science Data Science/University of Salford](#)

JULY 2019

[Bachelor of Engineering Mechanical Engineering/University of Ilorin](#)