

# ATUMONYE JAMES

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## PROFESSIONAL SUMMARY

Data Scientist and Analyst with strong expertise in predictive modeling, statistical analysis, and deriving insights from complex datasets. Proven ability to build machine learning models, analyze driver behavior and incident data, and evaluate the effectiveness of safety programs. Proficient in Python, SQL, and visualization tools like Tableau and Power BI. Passionate about leveraging data science to promote safety, optimize operations, and inform strategic decisions within the transportation and logistics industry.

## CORE SKILLS & COMPETENCIES

- Predictive Modeling, Supervised Learning, Classification & Regression
- Statistical Analysis, A/B Testing, Hypothesis Testing, Experimental Design
- Data Cleaning, Feature Engineering, Data Integration & Preprocessing
- Python (pandas, scikit-learn, matplotlib, seaborn)
- SQL (data extraction, joins, subqueries), Excel (Power Query, PivotTables)
- Visualization Tools: Tableau, Power BI, Google Data Studio
- Communicating technical results to non-technical stakeholders
- Collaborating with cross-functional teams (Operations, Compliance, Engineering)

## PROFESSIONAL EXPERIENCE

**\*\*KnowPro (UK) – Data Science Consultant (Freelance)\*\***

Jan 2025 – Present | Remote

- Built predictive models using Python to support operational safety in consultancy engagements.
- Analyzed behavioral and compliance data to inform client-specific safety strategies.
- Generated Power BI dashboards to track safety KPIs and incident metrics.

**\*\*National Research Group (USA) – AI Risks Researcher Externship\*\***

2024 – 2025 | Remote

- Developed analytical frameworks to evaluate AI governance and risk reduction.
- Applied statistical modeling to forecast trends in operational risks.
- Communicated insights through reports and presentations to internal stakeholders.

**\*\*Zidio Development (India) – Data Scientist Intern\*\***

2023 – 2024 | Remote

- Created a predictive model for heart disease detection (94% accuracy), demonstrating strong supervised learning expertise.

- Designed data pipelines for cleaning and preprocessing large health datasets.
- Automated data preparation workflows, reducing manual effort by 25%.

## **PROJECT HIGHLIGHTS**

- Safety Program Evaluation: Designed testing frameworks to evaluate safety initiatives.
- Ad Spend Optimization: Used Excel and Power BI to identify ineffective spend areas and improve ROI.
- Returns & Logistics Analysis: Analyzed operational bottlenecks impacting customer experience.

## **EDUCATION**

Higher National Diploma (HND), Pharmaceutical Technology  
Federal Polytechnic Nekede, Nigeria | 2019 – 2021

## **REFERENCES**

Available upon request.