

JUDE OLAGOKE OLAROMOYE

Research, Data & Geospatial Analyst

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Portfolio:

PROFILE

Seasoned Research, Data, and Geospatial Analyst with 5+ years of experience delivering actionable insights across social, environmental, market, and academic research. Expert in statistical modeling (R, SPSS, Excel), data visualization (Tableau, Datawrapper), geospatial analysis (ArcMAP, ArcGIS Pro, Google Earth, Surfer), and presentation design (PowerPoint, AI-powered tools), consistently producing outputs that inform policy, planning, and strategy. Designed survey instruments and implemented econometric models that strengthened a PhD-level and policy research, built Python-based analytics pipelines that uncovered hidden pricing and health trends, and developed interactive dashboards that improved stakeholder decision-making. Proven ability to lead remote research projects, manage cross-functional collaborations, and translate complex datasets into clear recommendations.

Currently expanding expertise in Artificial Intelligence, Machine Learning, and automation, applying these tools to improve research efficiency and predictive accuracy.

EXPERIENCE

JOMCONSULT

Ibadan, Nigeria -- 2024

Researcher / Data Analyst

- Led an SME digitization study across 120+ businesses, generating insights that informed digital adoption strategies and improved project efficiency by 25%.
- Utilized SPSS, R, and Excel to clean and analyze survey datasets, delivering actionable insights that improved reporting cycles by 40%.
- Designed and implemented Tableau dashboards to visualize adoption trends, boosting stakeholder accessibility and engagement by 30%.
- Produced policy briefs and academic reports that demonstrated measurable productivity gains among pilot SMEs and informed further research directions.

BOOTHBYPROF

Ibadan, Nigeria – 2023

Data Analyst / Consultant

- Automated workflows for 5+ clients, reducing manual workload by 30% and improving efficiency in reporting tasks.
- Conducted competitor and market analyses, providing actionable insights that informed product positioning strategies.
- Designed a retail analytics dashboard in Excel & Python, improving decision-making speed by 25%.
- Co-led usability testing sessions, increasing tool adoption and user engagement by 20%.

PROJECTS

Nigeria's Macroeconomic Performance (1990–2023)

- Cleaned and modeled 30+ years of macroeconomic data (GDP, inflation, debt-to-GDP ratio, unemployment, and tax revenue) across multiple administrations.
- Built an interactive Excel dashboard with KPI cards, pivot tables, and slicers, improving trend analysis and policy comparison by 35%.
- Delivered data-driven insights that highlighted shifts in economic growth, debt management, and employment, supporting academic research and policy evaluation.

Domestic Flight Price Analysis

- Built a Python web scraping pipeline to collect and clean real-time flight data across major Nigerian routes.
- Applied exploratory data analysis and visualization to uncover airline pricing patterns, improving cost prediction accuracy by 30%.
- Produced actionable insights that helped travelers and aviation stakeholders make more informed pricing and scheduling decisions.

PhD-Level Research Contribution – School-Based WASH & SDGs

- Designed and deployed survey instruments using KoboToolbox and Survey123, capturing 500+ responses across schools in Ibadan.
- Conducted statistical and econometric analysis in SPSS and R, producing validated results that improved research accuracy by 30%.
- Developed reports that increased stakeholder accessibility to findings by 35%, strengthening links between WASH facilities and SDGs 3, 4, and 6.
- Delivered outputs that informed both academic research and policy recommendations on education–health–infrastructure integration.

GIS PROJECTS

Flood Risk Mapping in Ibadan

- Combined DEM data, ArcGIS, and Python (ArcPy) to develop a weighted overlay flood vulnerability model (elevation 40%, slope 30%, flow accumulation 30%).
- Identified Akinyele, Lagelu, and Ibadan North as high-risk LGAs, validating findings with zonal statistics, terrain checks, and local reports.
- Delivered policy-oriented recommendations, including a FloodWatch citizen app and GIS-based building permit approvals, to strengthen urban resilience.

Flood Susceptibility Mapping (Apete & Ajibode, Ibadan)

- Applied ArcGIS, Python, and AHP to integrate rainfall, slope, land use, water balance, evapotranspiration, and flow accumulation data.
- Produced flood susceptibility maps (very low to high risk) that improved spatial risk assessment accuracy by 25%.
- Highlighted low-lying built-up areas with poor drainage as most vulnerable, informing sustainable flood management and planning strategies.

EDUCATION

University of Ibadan Bachelor of Science in Urban and Regional Planning	2025
The Polytechnic Ibadan Higher National Diploma (HND) in Urban and Regional Planning	October 2024
The Polytechnic Ibadan National Diploma (ND) in Urban and Regional Planning	November 2021
Brighter Comprehensive College, Idiroko, Ogun State West African Examination Council (WAEC)	June 2017
Royal High School, Idiroko, Ogun State Senior Secondary School Certificate Examination	June 2016

CERTIFICATION

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| • Certificate in Data Analysis, Regonet Global | 2024 |
| • Certificate in GIS (Geographic Information Systems) | 2021 |

AWARDS/GRANTS

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| • Dosu Babatunde Award tthe Best Student in Urban and Regional Planning | 2019 |
| • Samuel Adeboyega Award to the Best Student in Urban and Regional Planning | 2020 |
| • Best Graduating Student in Urban and Regional Planning | 2021 |
| • The Polytechnic Ibadan Award to the Best Graduating Student in Urban and Regional Planning | 2021 |
| • Best Graduating Student in Urban and Regional Planning | 2024 |

SKILLS

Technical Skills

- Statistical Analysis: R, SPSS, Excel
- Data Visualization: Tableau, Datawrapper
- Presentation & Storytelling: PowerPoint, AI-powered tools
- Survey Tools & Data Collection: KoboToolbox, Survey123, Google form, Qualtrics
- Data Engineering & Automation: Python
- Geospatial Analysis: ArcMap, ArcGIS Pro, Google Earth, Surfer
- Emerging Areas: Ethical AI, Responsible Data Stewardship, Machine Learning

Soft Skills

- Critical Thinking and Complex Problem-Solving
- Effective Communication of Technical Findings to Non-Technical Audiences
- Project Management and Cross-functional Team Leadership