ANTHONY MICHEAL IDEDIA

Monitoring, Evaluation and Learning | Data Quality and Analysis | Health and Development Programmes | Nigeria

Lagos, Nigeria (open to relocating to Abuja) | michealidedia1@gmail.com | +234 906 393 7332 | https://michealidedia.github.io/

PROFESSIONAL SUMMARY

I turn programme data into evidence that teams, donors and government act on. Over six years I have worked in monitoring, evaluation, research and data management on health, nutrition, livelihoods, climate and finance programmes in Nigeria, for the World Bank, UNICEF, WFP, WHO, PEPFAR, the European Union, the Malaria Consortium and the Danish Refugee Council.

My work covers the monitoring and evaluation cycle: turning questions into indicators, building data collection tools, training field teams, checking data quality, analysing results and reporting them in dashboards, briefs and reports. I have worked in joint government field teams with NASCP, NCDC and the Lagos State Ministry of Health, and co-authored a national malaria report whose pricing recommendations were taken up by the National Malaria Elimination Programme.

I also build systems that keep monitoring data moving, including one that turns interview recordings into checked transcripts and translations for UNICEF and WFP in Katsina. MSc in Bioinformatics (Distinction), with published research.

CORE STRENGTHS

- **Monitoring and evaluation.** I turn programme questions into indicators, tools and reporting, then collect and analyse the data and write what it means. Baseline studies, evidence reviews and policy analysis.
- **Data collection tools.** I build the forms and systems that stop bad data at the point of entry, using ODK, SurveyCTO, KoboCollect, Typeform and tablet-based interviewing, with skip logic and validation rules built in.
- **Data quality.** I run verification and consistency checks and make every number traceable: written rules for what counts, automatic checks against published sources, duplicates removed, and a record of each figure's source.
- **Data analysis.** I clean, disaggregate and analyse data and say how confident each result is: trends across survey rounds, results by household head's gender, disability, displacement and income, and significance tests before reporting.
- **Dashboards and reporting.** I turn findings into dashboards, progress updates, briefs and reports that non-specialists can act on, for government, donor, investor and private-sector audiences.
- **Automated monitoring workflows.** I build systems, including AI tools with a human check built in, that keep monitoring data moving: sending requests, chasing gaps, reminding supervisors and producing daily or weekly summaries.
- **Capacity building.** I recruit, train and test field teams, follow up weak spots with refresher lessons, mentor analysts, and write the guides that let colleagues run the work without me.
- **Ethics and data protection.** Consent and confidentiality in every study, field teams trained on consent and child protection, and transcripts with view-only access that label speakers by role rather than name.

PROFESSIONAL EXPERIENCE

Research and Data Analyst | Innovision Global Consulting International (Nigeria) Ltd. *Nov 2025 to Present*

- Run the research, monitoring and data work across the Nigeria portfolio, from shaping the study question through to the final client report, working alongside portfolio managers, practice leads and the Regional Director for Africa.
- Field lead and trainer on the Nigeria side of a UNICEF and WFP study on child malnutrition in Katsina State: recruited and trained the field team, ran the pilot and now oversee data collection, with analysis and reporting to follow.
- Built the transcript system for that study: field supervisors upload interview recordings and check each Hausa draft, then Innovision, UNICEF and WFP receive English translations and a numbered daily summary of emerging findings.
- Recruited and trained the field team for a WFP monitoring contract in Northeast and Northwest Nigeria, deploying from October 2026.
- Set the firm's data quality rules: clear definitions so different kinds of investment are never mixed up, a confidence rating on every figure, a page reference for every source, and no estimating or rounding of figures published exactly.
- Built an automated system that handles data collection end to end for 158 organisations: sending the requests, reading the replies, scoring how complete each one is and chasing what is missing, all without anyone touching it.
- Run the statistics across the portfolio, including national health market analysis, merging 15 or more survey rounds covering 1,800 people from 2018 to 2024 into a single dataset, and a 36-state comparison where a stricter test is applied before any relationship is reported as real.
- Built systems in Python that read several hundred annual reports and financial documents automatically and turn them into clean, usable datasets, including matching and merging around 983 records from 35 separate spreadsheets.

- Present findings to senior and non-technical audiences through reports, briefings and pitch decks, and support new business, including building the service offer and a ranked list of 90 target organisations for the firm's evaluation retainer.
- Write the guides that let colleagues run the work themselves, so nothing depends on one person.

Survey Enumerator and Field Laboratorian | Nigeria ART Impact Survey, NASCP / NCDC / PEPFAR *2024*

- Interviewed households and collected samples on tablet for Nigeria's national HIV programme evaluation, working under national ethics approval, PEPFAR data quality standards and WHO sample-handling rules.
- Worked inside joint government field teams (NASCP, NCDC, NACA and the Lagos State Ministry of Health) to keep the survey consistent across clinics and communities.

Graduate Research Assistant | Covenant University, World Bank CApIC-ACE Project *Oct 2023 to Aug 2025*

- Processed 1.2 million data points through automated quality checks, keeping datasets clean and ready to analyse throughout the project.
- Wrote automation that cut data processing time by 18 per cent, helping the team meet World Bank reporting deadlines.
- Trained an AI model to identify prostate cancer in tissue images, improving accuracy by more than 10 per cent, and presented the results to non-specialist audiences.

Data Training and Development Coordinator | AlphaTrack Intelligence *Dec 2023 to Oct 2025*

- Led research and evaluation for the training function: assessed which skills the organisation was missing and designed the programmes to close the gap, including mentoring and coaching.
- Built dashboards tracking course completion, skill scores and feedback, and reported quarterly. Programme effectiveness rose 21 per cent and team productivity 36 per cent.

Data Analyst, Research Projects | AlphaTrack Intelligence *Oct 2022 to Nov 2023*

- Analysed research data in Python, SPSS and GraphPad, improving the accuracy of the team's predictions by 27 per cent, and wrote the reports executives used to decide.

Independent Field Monitor | World Health Organization *Jun to Oct 2022*

- Supported a national vaccination campaign in Ogun State: mobilising communities, training health workers, checking field data and reporting to WHO supervisors.

SELECTED PROJECTS AND RESULTS

UNICEF and WFP: Child Malnutrition Study, Katsina State *Nigeria, 2026; current, Nigeria arm of a five-country study*

The goal: Understand how UNICEF and WFP's joint approach to child malnutrition works in practice, what has been changed on the ground, and what could work better.

- Field lead and trainer: recruited six enumerators and a supervisor and trained them to run key informant interviews and focus group discussions, using a step-by-step interviewing guide and field brief I prepared.
- Tested the team before and after training: average scores rose from 14.0 to 16.2 out of 20, seven of nine trainees improved, and questions on consent and child protection scored 80 to 100 per cent. Followed up the remaining weak spots, such as probing, with refresher lessons and quizzes on WhatsApp.
- On the joint pre-test taken by all field teams, Innovision's team averaged 12.1 out of 15, the highest of the three groups, and its supervisor scored full marks.
- Ran the pilot on 8 October 2026 to test the tools, team pairings, recording and timing, then led the team on site into fieldwork, taking part in key informant interviews. Reporting is due in December 2026.
- Built an automated contracting system: team members submit their details on a form and sign their contract online, and signed copies and the payment list go to management and Accounts automatically.
- Set up feedback surveys for the team and partners, prepared the field budget and wrote the progress updates.
- The joint operation plans 131 interviews and group discussions across Dutsin-Ma, Safana and Kafur.
- Built the transcript system: supervisors upload each recording and check the timestamped Hausa draft, then the English translation, with a summary, key findings, themes and key statements, goes to Innovision, UNICEF and WFP.
- It also logs every recording and who checked it, reminds supervisors about unchecked drafts, and sends a numbered daily summary of coverage, themes and quotes by area, with coaching points for the field team in Innovision's copy.

World Food Programme: Independent Monitoring, Northeast and Northwest Nigeria *Nigeria, 2026; deploying October 2026*

The goal: Independently check that WFP-funded operations are delivering what they should.

- Recruited the field team for the assignment and delivered their training before deployment.
- Deploying to the field from October 2026, taking part in monitoring directly.

Malaria Consortium and Nigeria's National Malaria Programme: Nationwide Market Survey *Nigeria, 2018 to 2025 series; all six geopolitical zones*

The goal: Measure how malaria medicines and prevention products are priced, supplied and reached by ordinary people, to guide national distribution and pricing policy.

- Co-authored the policy report whose pricing recommendations were taken up by the National Malaria Elimination Programme (NMEP), and contributed to the national launch materials.
- Led the analysis of a national survey of 6,000 households and retail outlets, covering data cleaning, quality checks and statistical modelling of how price affects what people can afford to buy.
- Merged 15 or more survey rounds covering 1,800 people from 2018 to 2024 into a single dataset. The resulting trend analysis fed into national decisions on how malaria products are distributed.

Danish Refugee Council and European Union: Green Jobs and Climate-Smart Farming Study, Sokoto *Nigeria, 2025; 442 households across four local government areas*

The goal: Establish a starting picture of livelihoods, food security, green skills and climate-smart farming, to guide EU-funded economic recovery work.

- Farmers using climate-smart practices produced roughly double the yield per hectare of those who did not, 883 kg against 433 kg. This became the report's headline finding.
- Built the survey forms and ran the full analysis: income, assets, farming and yields, food insecurity, demand for green skills and access to vocational training, with every result broken down by displacement status, gender of household head, disability and income level.
- Created the measures behind the report's main conclusions, including whether a household had adopted climate-smart farming, how resilient it was based on how it copes in hard times, and whether people's training actually matched the work they do.

Innovision: Nigeria Evidence Series on Public Finance and the Cost of Living *Nigeria, 2022 to 2026; all 36 states and the FCT*

The goal: Test whether Nigeria's recent surge in government revenue actually reached households, using only official published data.

- Wrote the third report in the series and built the analysis behind it so that every figure is recalculated from the original government files each time it runs, checked automatically against independently published numbers, and logged with a record of exactly where it came from.
- Calculated the 21.90 trillion naira shared across all tiers of government directly from twelve monthly government workbooks rather than quoting someone else's number, and joined together an inflation series that had been reset partway through.
- Compared all 36 states on what each received per person against the price rises their households faced. After an outside review of my methods, I applied a stricter statistical test and reported the affected finding as no longer holding, rather than keeping a result that did not survive.
- Delivered the report with ten editable charts, each backed by its own spreadsheet, so readers can check the underlying numbers themselves.

Impact Investors Foundation: Sizing Nigeria's Impact Investment Market *Nigeria, 2025 to 2026; about 62 investors and 332 source documents*

The goal: Produce the first full picture of how much impact-focused investment has flowed into Nigeria between 2020 and 2026, to a standard that stands up to public and investor scrutiny.

- Lead analyst. Set the rules for what counted, so money committed, money actually paid out and money under management were never confused with one another.
- Built the system that pulls figures out of several hundred investor reports and databases and assembles them into one master workbook covering yearly flows, sectors and individual deals.
- Found and fixed serious faults in the dataset I inherited: deals counted twice, different kinds of capital mixed together, dates that did not line up, and a currency conversion method that would have badly distorted the figures for Nigerian institutions.
- Designed and built the system that collects data directly from 158 organisations: a 42-question form that only asks what applies to each respondent, feeding an automated process that sends the requests, reads the replies, rates how complete they are and chases the gaps.

Covenant University and World Bank CApIC-ACE: AI and Genomic Data *Nigeria, 2023 to 2025; 1.2 million data points*

The goal: Build reliable large-scale analysis capacity and apply AI to medical image analysis.

- Trained an AI model to identify prostate cancer in tissue images from only a handful of examples, improving accuracy by more than 10 per cent. Awarded a Distinction.
- Built the processing systems with quality checks at every stage, and wrote automation that cut processing time by 18 per cent.
- Co-authored published research on the genetics of three major cancers in African populations, and on genetic risk factors for prostate cancer.

Innovision: Opportunity Radar, an automated tender monitoring system *Nigeria and Africa portfolio, 2026; 70 or more sources monitored*

The goal: Replace hours of manually checking donor and government tender websites with an automated feed that finds, scores and delivers only the relevant ones.

- Catalogued 184 sources across 111 websites by how each could be accessed, and ranked them by how many real opportunities they had produced in the past.
- Built the system end to end: it checks the sources on a schedule, removes duplicates, filters and scores what it finds, and sends a weekly summary to four team leads.
- Used two AI models plus a rules-based scorer running side by side, with their results compared against each other before anything is sent, so no single model decides what reaches a colleague.

TECHNICAL SKILLS

- **Analysis software:** advanced Excel including pivot tables, SPSS, Python (pandas, NumPy, statsmodels, matplotlib), GraphPad, Linux command line and Bash.
- **Statistical methods:** logistic regression and classification, price elasticity estimation, correlation and cross-sectional analysis, multiple-comparison correction, multi-wave and longitudinal analysis, deep learning model fine-tuning.
- **Survey and data collection:** ODK, SurveyCTO, KoboCollect, Typeform and CAPI; form scripting, conditional logic, constraint and validation rules, GPS checks.
- **Automation and AI:** n8n and Google Apps Script automation, Anthropic and Google model APIs in live systems, automated extraction from PDF and Excel sources, record matching and de-duplication, cross-checking of AI output.
- **Reporting and visualisation:** Power BI dashboards, editable Office charts, policy briefs, technical reports and pitch materials.
- **Qualitative research:** ATLAS.ti; thematic coding, inter-coder consistency, and combining interview and focus group findings with survey data.
- **Standards and ethics:** national ethics approval, PEPFAR data quality standards, WHO sample-handling rules, OECD-DAC evaluation criteria, and reproducible analysis with a full audit trail.

EDUCATION AND CERTIFICATION

- MSc Bioinformatics (Distinction), Covenant University, Ota; World Bank-affiliated CApIC Centre of Excellence | 2025
- BMLS Chemical Pathology, Ambrose Alli University, Ekpoma, Edo State | 2019

PUBLICATIONS

- Isewon, I., **Anthony, M.,** et al. (2026). “Association of GSTM1 and GSTT1 Gene Polymorphisms With Prostate Cancer Risk in Men of African Descent: A Systematic Review and Meta-Analysis.” Journal of Genetic Engineering and Biotechnology, vol. 24, no. 4, p. 100834, www.sciencedirect.com/science/article/pii/S1687157X26001782,
- David, E., **Anthony, M. I.,** et al. (2025). Deciphering the Genomic Architecture of Three Major Cancers in African-Ancestry Populations. doi:10.64898/2025.12.19.25342629
- Anthony, M. I. (2025). Adapting MobileSAM for Few-Shot Segmentation of Prostate Cancer in Histopathology Images. MSc Dissertation, Covenant University.

ADDITIONAL INFORMATION

- **Systems:** Linux command line, reproducible analysis notebooks, MS Office and Google Workspace.
- **Ethics and data handling:** national ethics approval, PEPFAR data quality standards and WHO sample-handling rules on health studies, with consent and confidentiality applied throughout.
- **Availability:** based in Lagos, open to relocating to Abuja and to frequent travel to project states.