

ADA GLOBAL CONCEPT
www.adaglobalacademy.com

CONSULTANCY PORTFOLIO
AI, Data Science and Research Solutions

Global Operations across Africa, Europe and Latin America

Confidential Consultancy Portfolio | 2026

EXECUTIVE SUMMARY

Awesome Data Analytics (ADA) Global Concept is a global data science and artificial intelligence consultancy delivering high-impact, scalable, and responsible solutions across Africa, Europe, and Latin America. With over two decades of leadership experience, our leadership brings a personal track record spanning high-impact project delivery across public, private, and research sectors globally.

We specialize in transforming complex data into actionable intelligence, enabling organizations to improve decision-making, optimize operations, and achieve measurable impact. Our interdisciplinary team combines deep statistical expertise, advanced AI engineering, and clinical research excellence to deliver solutions that are rigorous, interpretable, and equity-focused.

WHY AWESOME DATA ANALYTICS (ADA) GLOBAL CONCEPT?

Proven Global Track Record

Operations and project delivery across 10+ countries in Africa, Europe, and Latin America with measurable outcomes.

Responsible AI Standards

Commitment to ethical AI governance, model validation, fairness auditing, and interpretability frameworks.

Research to Policy Pipeline

Deep experience translating complex research into actionable policy recommendations for governments and NGOs.

Multidisciplinary Expertise

Unique integration of statistics, AI engineering, public health, clinical research, and policy analytics.

Capacity Building Approach

We do not just deliver solutions; we build lasting institutional capability alongside every engagement.

International Funding Experience

Successfully co-managed and supported programs with cumulative funding exceeding USD 1 million.

LEADERSHIP AND KEY PERSONNEL

The team is led by:

Prof. Olushina Olawale Awe, CStat, PStat, MBA (Data Science and Analytics, USP)

Professor | Chief Data Scientist and Global AI and Data Transformation Executive

Professor Awe is a globally recognized statistics and data science leader with approximately 20 years of experience designing and scaling AI systems across 10+ countries. He holds a PhD in Statistics and an MBA in Data Science and Analytics from the University of Sao Paulo, Brazil. He currently serves as Vice President of the International Society for Business and Industrial Statistics (ISBIS) and as a Council Member of the International Statistical Institute (ISI). He is also the vice president of Global Engagements of the LISA 2020 Global Network, USA.

Table 1: Personal professional track record supported across prior institutional roles

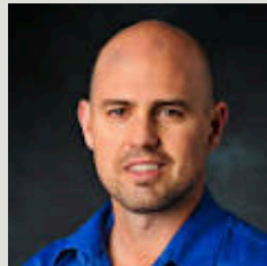
9,400+ Research Supported	Clients	2,700+ Projects Delivered	USD 1M+ Funding Co-Managed	100+ Publications
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A list of our key board members is shown in Figure 1.

INTRODUCTION OF OUR TEAM



PROF. OLAWALE AWE
PH Ludwigsburg University, Germany
President



PROF. ERIC A. VANCE
CU Boulder University, USA
Board Member



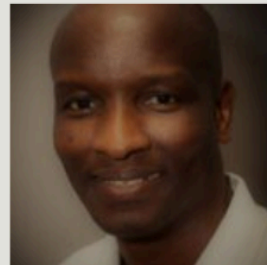
PROF. DAVID BANKS
Duke University, USA
Board Member



Dr. Deborah Awe
University of Campinas, Brazil
Vice President.



DR. KIM LOVE
K. R. Love QCC, USA
Board Member



MR. EMMANUEL AYENI
United Kingdom
Board Member

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Figure 1: Our Board Members

CORE CONSULTANCY SERVICES

ADA Global Academy offers end-to-end consultancy services across the full data science and research lifecycle. Our offerings are designed to meet the needs of government agencies, research institutions, international NGOs, healthcare organizations, and private sector clients.

<p>Data Science and AI Solutions Custom predictive modeling, machine learning systems, deep learning pipelines, and AI deployment strategies tailored to organizational needs.</p>	<p>Research Design and Survey Implementation End-to-end design and implementation of research studies, surveys, and data collection instruments across diverse sectors.</p>
<p>Statistical Analysis and Advanced Modeling Comprehensive biostatistical analysis including survival analysis, logistic regression, mixed effects modeling, longitudinal analysis, and Bayesian methods.</p>	<p>Monitoring and Evaluation Frameworks Design and operationalization of M and E frameworks, impact evaluations, performance dashboards, and KPI monitoring systems.</p>
<p>Proposal Development and Grant Writing Crafting compelling research proposals, grant applications, and funding documentation for international donors, government bodies, and private foundations.</p>	<p>Systematic Reviews and Meta-Analysis Rigorous synthesis of evidence through systematic reviews, meta-analyses, and bibliographic reviews to inform policy and clinical practice.</p>
<p>Capacity Building and Training Structured training programs in data science, biostatistics, AI literacy, and research methods for academic, government, and development sector staff.</p>	<p>Policy Analytics and Advisory Translation of complex data into actionable policy briefs, recommendations, and strategic reports for senior leadership and stakeholders.</p>

SELECTED CONSULTANCY CASE STUDIES

The following case studies showcase selected engagements from our professional track record. Each project reflects the depth of expertise our team brings to every client engagement.

CASE STUDY 01 AI-DRIVEN PUBLIC HEALTH RISK CLASSIFICATION

Client

Human Sciences Research Council, South Africa (National-level public health institution)

Challenge

The organization required robust, scalable predictive tools for early risk detection across large national health and survey datasets, with no existing validated machine learning infrastructure.

Solution

Developed supervised machine learning classification systems incorporating validation pipelines, fairness auditing, and calibration assessments. Models were documented to executive publication standards and used to inform national health strategy.

Impact

Delivered decision-support outputs that directly informed national policy. Mentored 10+ executives in ML governance best practices. Published findings in peer-reviewed outlets to disseminate results broadly.

CASE STUDY 02 GLOBAL STATISTICAL CAPACITY BUILDING NETWORK

Client

LISA 2020 Global Network (USAID-supported), spanning 35+ statistical laboratories across 10+ countries

Challenge

Partner institutions across Africa, Asia, and Latin America lacked structured data science consulting capacity. Researchers were unable to analyze their data rigorously or translate findings into policy-relevant outputs.

Solution

Designed and delivered structured training programs, collaborative research frameworks, and mentorship pipelines. Over 196 short courses were delivered and sustainable consulting lab models were implemented across partner institutions.

Impact

Enabled structured capacity development across 35+ statistical laboratories. Mentored 225+ statisticians in machine learning collaboration. This engagement directly informs the training and consulting methodology applied in all ADA projects today.

CASE STUDY 03 CLINICAL RESEARCH STATISTICAL CONSULTANCY**Client**

TPKR Scientifics, USA (Contract clinical research organization)

Challenge

The client required high-quality statistical methodology aligned with regulatory standards for clinical trial reporting, including complex modeling and compliance documentation.

Solution

Developed comprehensive Statistical Analysis Plans, applied advanced clinical modeling strategies, managed multiplicity adjustments, and supported SDTM-compliant reporting across multiple clinical datasets.

Impact

Delivered regulatory-grade statistical outputs enabling the client to meet research milestones and compliance requirements on schedule. Strengthened the client's internal statistical documentation standards.

CASE STUDY 04 MATERNAL AND PERINATAL HEALTH AI RESEARCH PROGRAM**Client**

UNICAMP (University of Campinas), Brazil, in collaboration with Hospital Sirio Libanes

Challenge

There was a critical gap in validated AI tools for early detection of postpartum hemorrhage and other severe maternal outcomes, limiting clinical decision support in high-burden obstetric settings.

Solution

Our lead clinical AI researcher developed machine learning models integrating bleeding velocity patterns and clinical indicators for early postpartum hemorrhage prediction. A systematic review of AI in maternal and perinatal health was conducted alongside comparative analysis of ML versus traditional statistical approaches.

Impact

Three manuscripts submitted to top-tier journals (Lancet, BJOG, Springer Nature). Research received Google DeepMind sponsorship. Oral presentation delivered at the

International Conference on AI and Machine Learning, Seattle (2025). Awarded the John J. Sciarra IJGO Prize Paper Award (2024).

CASE STUDY 05 INFECTIOUS DISEASE MODELING AND AI TRAINING PROGRAM

Client

AMMnet (Applied Malaria Modeling Network), Kigali, Rwanda; and Chuka University, Kenya

Challenge

Public health researchers across Africa required practical training in computational strategies for infectious disease modeling using machine learning, particularly for handling imbalanced health datasets common in disease surveillance.

Solution

Our lead consultant designed and delivered the AMMnet Annual Meeting training session in Kigali on computational strategies for imbalanced data in ML-based models. Additionally organized the first AMMnet Workshop on Infectious Disease Modeling in Latin America, with grant funding secured for the initiative.

Impact

Reached over 200 researchers with structured hands-on training. Strengthened cross-continental collaboration between African and Latin American modeling communities. Established a replicable training framework adopted across multiple partner institutions.

CASE STUDY 06 TREND ANALYSIS AND POLICY ADVISORY ON MATERNAL HEALTH IN KENYA

Client

University of Nairobi, Kenya; and African Centre for Enhanced Policy and Development

Challenge

Following devolution of health services in Kenya, there was no systematic analysis of progress in reproductive, maternal, neonatal, child, and adolescent health (RMNACH) indicators at county level to inform policy realignment.

Solution

Conducted a comprehensive trend analysis of maternal mortality and family planning uptake post-devolution using advanced statistical modeling including spatio-temporal analysis and Mann-Kendall trend testing. Policy briefs and manuscript outputs were prepared for senior leadership and international stakeholders.

Impact

Research published in the East African Health Research Journal (2023). Findings presented at international conferences. Policy recommendations contributed to evidence-based dialogue on health devolution outcomes. Project supported a broader grant-funded evaluation program.

CASE STUDY 07 STATEWIDE CLIENT SATISFACTION SURVEY AND DATA INTELLIGENCE FRAMEWORK FOR O'HIS**Client**

Osun State Health Insurance Scheme (O'HIS), Nigeria

Challenge

O'HIS required a robust, large scale and scientifically grounded survey framework to assess patient satisfaction, service quality, and financial commitment readiness across the state. The scheme also aimed to use the survey as a strategic tool for public engagement, enrollment drive, and long term policy planning. There was a need for a standardized methodology capable of generating credible, publishable data to support benchmarking, attract investments, and avoid the systemic limitations experienced in previous national health insurance implementations.

Solution

ADA Global Concept was engaged as a third party data science and research consultancy to design and implement a comprehensive mixed methods survey architecture. We developed a standardized data intelligence framework covering questionnaire design, discussion guide development, moderator and field team briefing, pilot testing, and large scale deployment strategy for up to one million respondents over an eight week period. The approach integrated quantitative survey instruments with qualitative insights to ensure both statistical rigor and contextual depth. Advanced statistical methodologies were embedded into the design to enable the construction of global standard satisfaction indices, benchmarking across hospitals, and comparative performance analytics. We also designed end to end data pipelines including data preparation, and analytical and visualisation frameworks for insight generation, interpretation, and reporting. The framework was structured to support peer reviewed research outputs and long term data driven health system improvements.

Impact

Established the foundation for one of the largest health insurance perception surveys at state level in Nigeria. Enabled O’HIS to generate reliable, policy relevant data for improving service delivery and patient experience. Provided a scalable benchmarking system for hospital performance comparison across the state. The survey framework positioned O’HIS to produce high quality research publications and attract grant funding and investment based on credible and verifiable data. It also supported strategic communication and marketing efforts aimed at increasing public trust and enrollment into the health insurance scheme.

IMPACT AND PERFORMANCE METRICS

ADA Global Concept has geographical reach across multiple continents and sectors, bringing a depth of expertise and international reach that few consultancies can match.

Geographic Reach

- Africa (Nigeria, Kenya, DRC, Cameroon, Senegal, Ghana, South Africa, Ghana, Rwanda, Morocco, Egypt)
- Latin America (Brazil)
- Europe (Germany, United Kingdom)
- North America (USA, Canada)

Sector Coverage

- Public Health and Epidemiology
- Clinical Research and Biostatistics
- International Development and NGOs
- Academic and Research Institutions
- Government and Policy Bodies
- Environmental and Climate Science

CONSULTING METHODOLOGY

ADA Global Concepts follows a structured, client-centered consulting methodology designed to deliver rigorous, reproducible, and actionable results. Every engagement is tailored to the specific context and objectives of the client.

01	<p>Problem Definition and Stakeholder Engagement</p> <p>We begin every engagement with deep stakeholder consultation to precisely define the problem, understand organizational goals, and map existing data assets and constraints.</p>
02	<p>Data Audit and Strategy Development</p> <p>A comprehensive review of available data sources, quality, and gaps is conducted. We then develop a bespoke analytics or research strategy aligned with client objectives.</p>
03	<p>Model Development or Research Design</p> <p>Our team applies the most appropriate statistical, AI, or research design methods, building solutions that are methodologically rigorous and contextually appropriate.</p>
04	<p>Validation, Testing, and Quality Assurance</p> <p>All models and research outputs undergo systematic validation including cross-validation, fairness auditing, sensitivity analysis, and peer review where applicable.</p>
05	<p>Deployment, Reporting, and Visualization</p> <p>Outputs are delivered as actionable reports, interactive dashboards, policy briefs, or deployment-ready models, communicated clearly to both technical and non-technical audiences.</p>
06	<p>Capacity Building and Knowledge Transfer</p> <p>We close every engagement by ensuring the client team is equipped to sustain and build upon the work, through training, documentation, and institutional support.</p>

TECHNICAL CAPABILITIES

Statistical and Analytical Tools	AI and Capabilities	Modeling	Research and Evaluation Methods
<ul style="list-style-type: none"> • R (Advanced) • Python (Advanced) • SPSS, Stata, EPIInfo • SAS and SQL • PyTorch (Deep Learning) • Machine learning and Deep learning • JMP 	<ul style="list-style-type: none"> • Neural network architectures • Deep learning pipelines • Bayesian modeling • Time series forecasting • Survival analysis • Interpretable AI and XAI • Data Analytics 		<ul style="list-style-type: none"> • Systematic reviews and meta-analysis • Randomized controlled trials • Longitudinal and cohort study design • Survey design and implementation • M and E frameworks • Infectious disease modeling (SIR, SEIR)

TAILORED VALUE FOR YOUR ORGANIZATION

ADA Global Concept understands that your organization requires a trusted partner with a proven record of delivering high-quality, reliable, and scalable data science and research solutions. We bring a unique combination of academic excellence, industry experience, and global implementation capacity to ensure that your projects are executed efficiently, ethically, and effectively.

Whether you require advanced AI system development, rigorous statistical analysis, comprehensive M and E frameworks, or expert proposal development, we have the expertise and demonstrated capacity to deliver results that matter.

Ready to Partner With Us?

Contact ADA Global Concept to discuss how we can support your next project.

info@adaglobalacademy.com

Note: This portfolio is confidential and prepared for the exclusive use of the intended recipient.