2023 - 2024
ANNUAL REPORT

AI for Generative Possibilities

DSN
Data Science Nigeria

2023 - 2024 ANNUAL REPORT

ABOUT US

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Data Science Nigeria (DSN) is Africa's foremost AI and Data Science organisation, dedicated to talent development and sector-specific solutions. With a strong presence across the continent, we lead a diverse community of AI professionals, enthusiasts, and beginners from both Anglophone and Francophone nations.

Our mission is to nurture 1 million AI talents and position Africa at the forefront of the global AI landscape.We are not only shaping the workforce of tomorrow but also deploying AI solutions to improve the lives of 2 billion people in emerging markets.
Furthermore, we foster the growth of AI startups and champion digital transformation across African organisations, driving innovation and progress throughout the region.

**Our major areas
of value delivery are;**

· Research and Innovation
· Products and Solution Development
· Training and Artificial Intelligence Community Building
· Consulting and Digital Transformation
· Artificial Intelligence Start-ups Incubation.
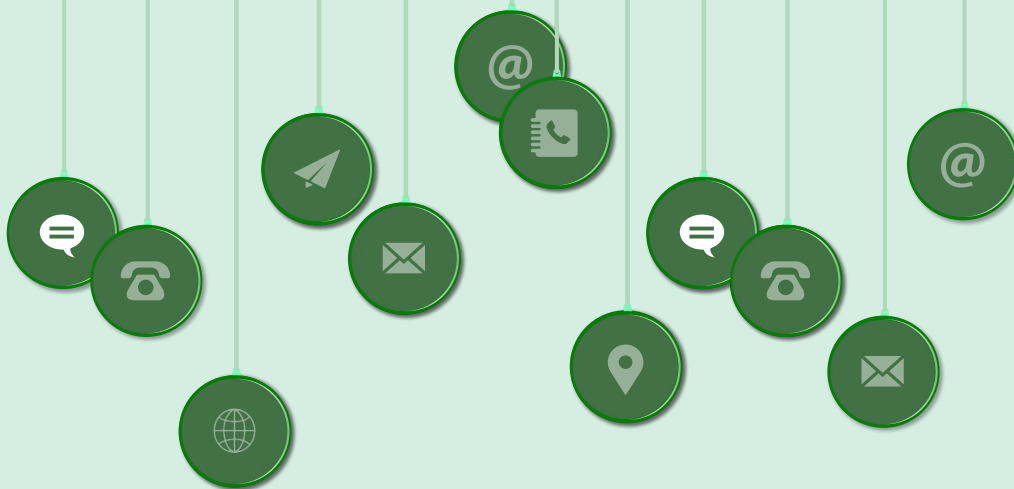
OUR QUICK TELEPHONE CONTACT

Trainings
08140088800

Partnerships & Collaboration
07034100676

AI+ Clubs, Cities, Campus and Kids Community
09062000119

Talent Recruitment – Data Scientist on Demand
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Ulearn
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MacroTutor
09062000119

Consulting
08140088800

SpotOn
09060007001

AI Startup Lab
07034100652

For general enquiries
08140000853

OUR HIGHLIGHTS

25,000+
AI Learning Videos

Publicly available contents from top international universities-curated in external drive and distributed free across the country to address the challenge of poor internet

100+
Active Learning Communities

accross cities and campuses in Nigeria

830,000+
Online & Offline learners

coupled with high-impact research papers which have been showcased at the world's leading AI conferences.

889,795
YouTube views of our learning contents

1.5 Million+
Artificial intelligence for

starters. Free e-book download - 99 use cases and expert views
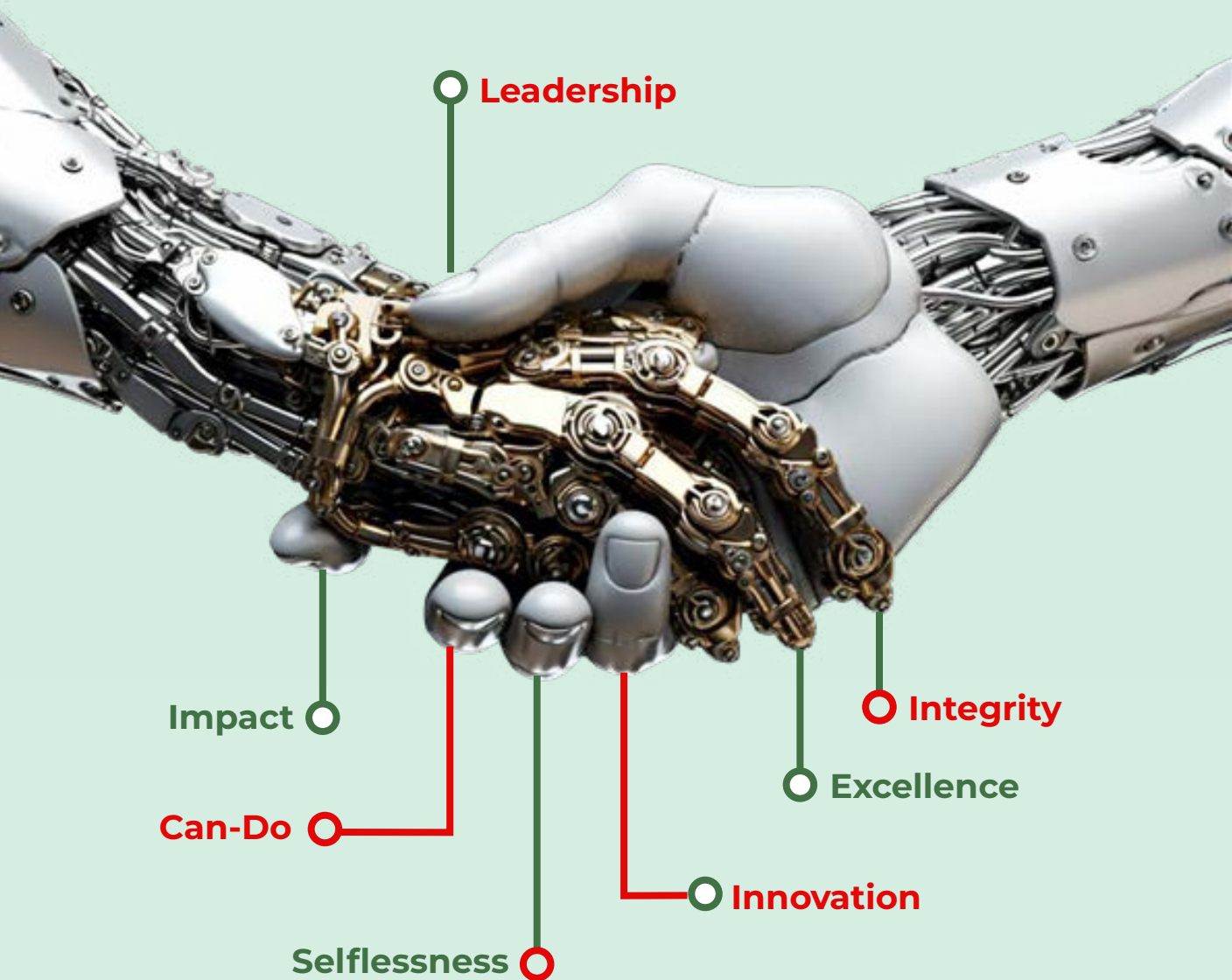
8,000
Hours

of face-to-face free classes in Data Science and Machine learning applications organised in different states of Nigeria.

OUR CORE VALUES

Leadership

Impact

Can-Do

Selflessness

Innovation

Excellence

Integrity

2023 - 2024
ANNUAL REPORT

TABLE OF CONTENT

TABLE OF CONTENT

05   Promoting Gender Inclusion: Ladies in AI Driving Diversity and Equity

- ArewaLadies4Tech Project
- Mentorship Session in partnership with She&Tech
- Digital Explorers partnership engagement – international exposure for female data scientists
- DSN Ladies in AI International Women's Day Celebration
- International Day for the Girl Child Activity
- DSN Female Data Scientist Spotlight: DKT Interview to celebrate Girls in Science Women's Day 2024

06   AI for National Building: Policy Advocacy and Multi-Stakeholder Engagement for Sustainable Development

- National AI Strategy development: co-facilitation, content development, and stakeholder engagement
- Strategic Engagement and Visit to the Honorable Minister for Communication, Innovation, and Digital Economy: Seeking Enhanced Collaboration
- Capacity Strengthening on the Eko360 Data for Governance Project
- Post-national AI strategy workshop media engagement – Arise TV and AIT
- Edo State Data Governance State-wide Data Immersion workshop
- Bank of Industry-iDICE (Investment in Digital & Creative Enterprises) Stakeholder and Strategy Engagement Forum.

07   Harnessing Geospatial AI for Social Impact and Public Good

- DSN Geospatial Workshop held at the Deep Learning Indaba Conference, Ghana.
- Relaunch of Geospatial Learning Community
- Delivery and Workshops for the Reproductive, Maternal, Newborn, Child, Health, and Nutrition (RMNCHN) Project in Kaduna, Kano, and Lagos States
- Strategic partnership for impact – Pathfinder's visit to the DSN AI Hub
- AI for Health intervention management: field solution deployment and testing in Kaduna

| **08** | **Global and Local AI Community Event Participation** |

- Participation at the Microsoft Global Inaugural Non-profit Leaders' Summit in Seattle, USA
- Participation at the Deep Learning IndabaX 2024
- Participation at the Pan-African Indaba, Accra, Ghana
- Participation on voice-powered AI innovations at the Information and Communications Technologies for Development Conference (ICT4D) – Accra, Ghana
- Participation at the Intel AI Programme for African DeepTech Startups & Ecosystem Stakeholders
- Participation at the AfriLabs CreativeTech Event
- Participation at the IoT West Africa Event

| **09** | **Thought Leadership: Shaping the Future of AI and Innovation** |

Thought Leadership on Artificial Intelligence and Global Impact

- Nigerian Academy of Engineering Webinar – Generating Anything AI: Building Impactful Local Solutions Using Large Language Models
- GoMyCode Masterclass Webinar – AI as a Tool for Change in Business, Career, and Entrepreneurship
- AI Fireside Chat: A Frank Talk with Tech Leader by Tunde-Success Osideko
- AI and the Future of Work: How AI is Reshaping Industries by David Akanji
- Keynote Speech at AAAI Workshop Vancouver, Canada, on Diversity, Belonging, Equity and Inclusion in AI
- Keynote Speech at the Ingenium 5th Anniversary on the Role of AI in Modern Business
- AI's Impact on Development and MERL Efforts in LMIC by Uche Edwin
- Fireside Chat on Sharpening Your Skills in AI at IndabaX Nigeria 2024
- Virtual Career Event for Graduating Students of Electronic and Electrical Engineering at Obafemi Awolowo University
- The Ideas House 15th Anniversary – AI in the Future of Marketing

Thought Leadership on Generative AI and Large Language Models

- NeurIPS/Cerebras First Multilingual Model Workshop – Towards LLM-Generative Diversity: Highly Nuanced and Context-Aware Data Generation Approaches
- AI in Finance for Africa: Generative Diversity - Building Large Language Models for Social Inclusion

Thought Leadership for Data-Driven Innovation

- The Bluechip Data and AI Summit – Building an Effective Data Strategy from Vision to Implementation for Executives
- The Creative Economy & a Digital Lagos: Data-Driven Creativity Through Generative AI
- Digital Regenesys: Advancing Data Science – Industry Expert Session with David Akanji
- Panel Session on Data and Technology (E-Commerce) at the Lagos Business School, Africa Retail Congress 2023
- 2023 NESG Session Panel Discussion: Digital Public Infrastructure as Drivers of Innovation and Socio-Economic Development
- Mastercard Foundation EdTech Mondays – AI adoption in education to boost learning by Omotayo Olorunfemi
- Nigeria FinTech Week: Resilience, Innovation, & Diversity – Emerging Innovations in FinTech
- Panel Discussion on GenAI Leap at GITEX Africa 2024 Conference

10 Productizing Knowledge: Research and Locally Relevant Solutions for Global Challenges

- Winning the best academic paper and physical participation at the prestigious ICLR Conference with nine accepted papers – Vienna, Austria
- Winning the National AI Research Scheme Grant
- Innovative platforms for data collections – Codemixing competition and audio recorders for language datasets.

11 Strategic Partnerships: Collaborating for Socio-Economic Impact and Growth

- University College London – AI Solutions for Humanitarian Project
- Support for GSMA AI for Africa project
- AI Startup program delivery in partnership with the EduAI Hub
- The national AI Collective supported by Luminate
- Microsoft-funded Digital Skills Nigeria Training Program – a nationwide Job Intervention Initiative
- Mastercard Associate Program by the Mastercard Foundation and Jobberman
- BMGF Africa AI Hub Design Workshop
- Microsoft AI for Nonprofit and Social Good Summit in Nigeria

WELCOME

A Year of Generative Possibilities

The past year has been transformative for Data Science Nigeria (DSN), marked by significant milestones and achievements that underscore our commitment to leveraging Generative AI for social good. We have focused on creating high-impact solutions and expanding our reach to drive meaningful change in Africa and beyond.

One of our proudest moments this year was winning the global challenge award from the Gates Foundation. This accolade recognizes our innovative efforts in building financial inclusion solutions for women, leveraging large language models (LLMs) to provide accessible financial tools and resources to women in underserved sectors. This project aims to empower women working in Nigeria, fostering economic independence and growth.

Our commitment to scaling impact was further demonstrated through our role in co-facilitating and supporting the development of Nigeria's national AI strategy.

Collaborating with key stakeholders, we helped create a roadmap for AI adoption and innovation that aligns with national priorities and drives economic growth.

This strategic initiative is a testament to our dedication to positioning Nigeria as a leader in AI on the global stage.

In the realm of academic research, our community's efforts were recognized at one of the foremost AI conferences, the International Conference on Learning Representations (ICLR) held in Vienna, Austria. We were honored with the Best Academic Paper award, highlighting our cutting-edge research and contributions to the global AI community. This recognition not only validates our work but also inspires us to continue pushing the boundaries of what is possible with AI.

Throughout the year, we developed numerous Generative AI products focused on health and financial inclusion. These innovations were showcased at prominent global events, such as the US AI Expo in Washington DC and GITEX Africa in Marrakesh, Morocco.

These platforms provided us with the opportunity to demonstrate the transformative potential of our AI solutions on an international stage, further cementing our reputation as a leader in AI innovation.

Inclusivity remains a core focus of our mission. We scaled our learning delivery to be more inclusive through a national Microsoft-funded job readiness training program, equipping participants with essential digital skills and responsible AI practices. Additionally, we launched a female-only intervention in Northern Nigeria, funded by Google, aimed at empowering women in Kaduna State by providing them with the skills needed to thrive in the tech industry.

Driving inclusion even further, we released the first-ever AI learning videos in Hausa, a language spoken by over 90 million people in West Africa. This initiative enables a broader audience to access AI education and understand how these technologies can enhance their socio-economic outcomes, ensuring that no one is left behind in the digital revolution.

As we reflect on these achievements, we are inspired by the generative possibilities that AI brings to Africa and beyond.

Our community remains dedicated to accelerating impact through exponential innovation, ensuring that our work continues to make a lasting, positive difference. Thank you for being an essential part of our journey, and we look forward to building a brighter, more inclusive future together.

Olubayo (Bayo) **Adekanmbi**

Founder and Lead Mentor,
Data Scientists Network/
Data Science Nigeria (DSN)

2022

Empowering Local Expertise:

Practice and Pipeline
Building through Inclusive
Talent Development

Artificial Intelligence (AI) is now simplified for everyone in their native language with the first-ever introductory AI learning videos in Hausa, designed to serve over 90 million speakers across Nigeria and some West African countries. These bite-sized micro-learning contents, consisting of a 40-series of short, animated videos (about 4-5 minutes each), are packaged in both Hausa and English to democratize AI knowledge across all segments in the country.

This initiative is part of the broader Arewa Ladies4Tech program, supported by Google.org and delivered by Data Science Nigeria (DSN). It aims to accelerate job creation in Data Science, AI, and Digital Technologies for women in Northern Nigeria. The AI for Beginners videos were launched by His Excellency, the Governor of Kaduna State, on April 30, 2024, at the Yaradua Hall, Murtala Square, Kaduna.

The content is available for download on our YouTube channel, **https://youtu.be/hEqAmtffV-k,** and offline at various centers across Kaduna State, including: Almara Centre Kaduna, Maas360 Hub Kamazou, Ibrahim Dabo Zaria, Kad ICT Hub Kafanchan, Makarfi Plaza Kaduna, Dialogue College Kaduna, Ihifix Digital Academy, Danbo International College, Capital school Kaduna, SMC Kaduna, GGSS Unguwar Sarki Kaduna, GGSS Maimuna Gwarzo Kaduna, and Government College Kaduna.

2.2 | DSN AI Bootcamp

In partnership with Microsoft, we hosted a bespoke, all-expense-paid hybrid AI Bootcamp at the DSN AI Hub in Yaba, Lagos. Now in its sixth year, this event ran from August 14 to 20, 2023, attracting over 300 participants and featuring more than 30 speakers. The Bootcamp focused on advancing Africa's capabilities in machine learning and deep learning, addressing local challenges, and contributing to global socio-economic development.

The Bootcamp included a meticulous selection and year-long engagement process, ensuring diverse participation from research students, industry practitioners, independent researchers, and government workers. Highlights included poster presentations, project showcases, and the Mr. and Mrs. Algorithm competition, with winners receiving cash prizes and certification vouchers.

The Bootcamp's success underscores DSN's commitment to nurturing talent and fostering impactful solutions. Bootcamp sessions can be watched here: DSN AI Bootcamp 2023, **https://bit.ly/DSN_AIBootcamp2023**

AI Everyday Classes across the country

DSN orchestrated a free, beginner-focused Data Analytics, Data Science, and AI training program, featuring both morning and afternoon sessions tailored to diverse schedules. Spanning a week, participants progressed from beginner to advanced stages, with seasoned trainers providing practical knowledge essential for navigating Data Analytics, Data Science, and AI.

The initiative demonstrates DSN's commitment to upskilling and empowering community members.

2.4 AI Training Delivery for Olabisi Onabanjo University

DSN pioneered an innovative seven-week out-of-classroom program in partnership with Olabisi Onabanjo University (OOU), led by Dr. Sakinat Folorunsho and her team. The initiative aimed to equip over 200 students with data science and analytics skills, featuring practical courses such as Data Literacy, Data Analytics with Excel, Machine Learning with Python, and Data Analytics with Power BI. Key participants included Vice Chancellor Professor Ayodeji Olayinka Johnson Agboola, Deputy Vice Chancellor Academy Prof. Olatundun Abosede Oderinde, and faculty from Ago-Iwoye, Sagamu, and Ibogun campuses. The program concluded with rigorous evaluations and a closing ceremony on

May 8, 2024, highlighting the transformative potential of data science and analytics in education and innovation.

Imo State Digital Training in Partnership with Kunoch Digi

DSN and Kunoch Digi organized a comprehensive training program for both kids and adults, aimed at imparting emerging tech skills and job readiness capabilities. The program included courses on Scratch Programming, Python Programming, Data Science, and Machine Learning with Python, and Data Analysis with Power BI.

Over 100 participants were trained in a conducive learning environment, with provisions for those lacking learning devices. This collaboration facilitated an enriching educational experience, empowering learners with valuable skills.

Digital Learning delivery for the Nigerian in Diaspora Organization Americas (NIDOA) - Jos, Plateau State

In collaboration with NIDO America, DSN organized a week-long training event at Plateau State University Bokkos, Jos, introducing over 50 learners to emerging tech skills in Data Science/AI and App design.

Across eight-hour daily sessions, the event featured beginner-focused learning sessions, simplified concepts, and local tutors, resulting in participants being equipped with foundational knowledge and practical skills.

Fostering Learning and Practice:

Cross-Industry Capacity Building

3.1 Nvidia Multi-Location Event across 20 Centres –
Introducing Generative AI to hundreds of Nigerians

DSN, in collaboration with NVIDIA, embarked on a partnership project exposing community members to the transformative potential of generative AI.

The GTC Watch Party, a hybrid event facilitated on Microsoft Teams and across 20 hosting centers nationwide, attracted over 700 attendees. Moderated by Fatima Tambajang industry experts, such as Brad Lightcap, Chief Operating Officer at Open AI, and Manuvir Das, Vice President of Enterprise Computing, provided comprehensive insights into the applications and benefits of generative AI across various industries. The hybrid format included physical centers for in-person engagement and on-site support, enhancing the virtual event environment.

A post-session quiz assessed knowledge retention, with winners receiving 10-gigabyte data grants.

3.2 International Trade Centre (ITC) training on Generative AI for the Informal Sector in Imo State

The International Trade Centre (ITC), in collaboration with DSN and Microsoft, organized a masterclass series titled "Generative AI for MSMEs" for 50 Agro-allied industry MSMEs. The two-day training (Feb. 27–29, 2024) held at the Kunoch Digi Hub, covered leveraging generative AI for business growth, AI tools for content generation, and fundamentals of cybersecurity.
Participants acquired competencies to utilize AI tools, driving business growth and success.

The four sessions covered:
- Leveraging Generative AI for MSMEs in Agro-Processing
- Transformative AI tools for Image Content Generation and Customer Engagement
- Fundamentals of Cybersecurity for Agro-Processors in the Digital Age
- Transformative AI tools for Video Content Generation and Customer Engagement

3.3

AI-Enabled Teachers Relaunch -
applying AI in learning delivery

The AI-Enabled Teachers Community was re-launched on October 5, 2023, with an eight-week masterclass series organized by DSN in partnership with Microsoft. The series, which coincided with World's Teachers' Day, aimed to equip educators with skills to leverage generative AI in teaching and learning processes. Over 3,000 educators were trained, covering topics like AI fundamentals, prompt engineering, lesson planning, quiz and assessment grading, image and video creation, and ethical considerations.

Over eight training sessions the following topics were taught:
1. Fundamentals of Generative AI for Educators
2. Prompt Engineering for Educators
3. Generative AI for Lesson Planning
4. Generative AI for Quiz and Assessment Grading
5. Generative AI for Image Creation
6. Generative AI for Video Generation
7. Responsible AI and Ethical Consideration for Educators

3.4

Edo State Teachers Conference
State-wide immersion in AI application for improved learning experience

DSN co-facilitated the 2024 Edo State Teachers for Tech Conference during Education Week in Benin City, Edo State, supported by the Bill & Melinda Gates Foundation. The conference, themed "Learning to Thrive: EdoBest and the Future of Education," provided opportunities for teachers to deploy digital technologies for improved learning delivery.

DSN facilitated a masterclass on using generative AI for audio-visual content generation and ran a co-creation workshop on Educational Management Information Systems and Digital Public Infrastructure for automated creden-tialing.
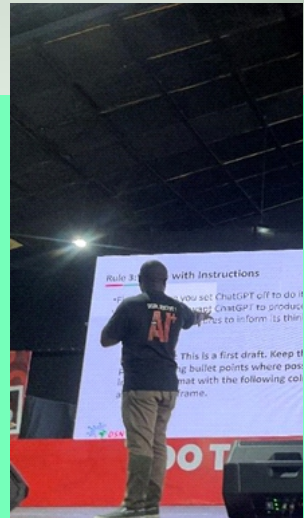
Global AI and Tech Community Engagement for Impact, Solution, and Collaboration

GITEX Africa - DSN delivered dynamic workshops, led engaging panel sessions, and showcased cutting-edge products.

DSN participated in the 2024 edition of GITEX Africa, the continent's largest tech conference, held in Morocco. The event, which brought together over 1,400 tech leaders from across Africa, showcased Afro-centric solutions like AfroLLM, uLearn, and FinChat by DSN.

Our founder, Dr. Bayo Adekanmbi, led a workshop on generative AI applications in government and business and participated in a panel debate, 'The GenAI Leap: Reality Trump's Hype?' exploring the impact of generative AI on Africa's future.

One of the key highlights was the announcement of GITEX Nigeria, which is set to be Africa's largest digital economy event in 2025. DSN looks forward to contributing to this exciting initiative.

Participation at the Microsoft Garage Ideation on identifying impact projects for the healthcare industry

DSN participated and contributed to the Microsoft Garage Ideation, which was focused on identifying localized healthcare impact projects.

The session, embodying the garage spirit of innovation, produced ideas for potential support from Microsoft Management and highlighted innovative concepts with the potential to be developed into impactful products.

DSN is well positioned to implement these ideas in partnership with Microsoft.

4.3 Strategic meeting with Nick Cleggs, Meta's President, Global Affairs on Data for Good nuanced applications

DSN was honored to be one of the 22 Nigerian innovators selected to welcome Nick Clegg, Meta's President of Global Affairs, during his visit to Nigeria.

Our discussions centered on the effective adoption of Meta's Data for Good initiatives and the Llama-3 platform by DSN to tackle local challenges in health, education, and financial inclusion.

Localized Large Language Models Showcase in Washington DC, USA

DSN showcased its work in localizing generative AI for native African speakers at the AI Expo 2024 in Washington DC. The presentation demonstrated DSN's innovative approach to speech and text data collection, reflecting cultural nuances and slangs.

This data has enabled us to create inclusive localized Large Language Models, fine-tuned for specific tasks in health, education, financial inclusion, agriculture, and more. The positive feedback from the showcase reaffirms our commitment to unlocking AI potential for last-mile users in Africa, one language at a time. **https://www.youtube.com/watch?v=CNg1J-NcoUE**

Promoting Gender Inclusion:

Ladies in AI Driving Diversity and Equity

ArewaLadies4Tech Project

The Arewa Ladies4Tech initiative, launched by Data Science Nigeria in August 2023, is dedicated to driving inclusion and expanding access to Data Science and digital technology education for women in Northern Nigeria.

The program was inaugurated with support from His Excellency, the Governor of Kaduna State, Google.org, and Data Science Nigeria. The Kaduna State Government's partnership ensures the program's recognition and outreach.

Key stakeholders, including the Commissioner of Business Innovation and Technology, Senior Special Assistants to the Governor on ICT and Media, and influential figures in the Kaduna State tech ecosystem, were actively engaged. The meeting underscored strategic plans to foster greater inclusion and learning opportunities for women in the region.

Mentorship Session in Partnership with She&Tech

The Arewa Mentorship Program is an integral part of the Arewa Ladies4Tech initiative, designed to foster growth and success by providing participants with access to esteemed mentors and professionals from the tech industry.

This mentorship program has been pivotal in the development of over 3,000 participants, offering them valuable guidance through virtual sessions. Notable mentors include Dr. Amina Sambo Magaji (Director of Digital Literacy at NITDA), Salamatu Adamu (Founder of Sal's Epiphany Studio), Hafsat El-Yakub (CEO of Maha Technologies), Naima Suleiman Ilu (MD/CEO of Right Click IT Solutions & Services Ltd), Aisha Tofa (Executive Director of Startup Kano Ltd), Radiya Nasir (National Information Technology Development Agency), and Hannah Kabir (CEO of Creeds Energy).

The program's success continues with plans for the third cohort, enhancing professional development and driving inclusion in the tech sector.
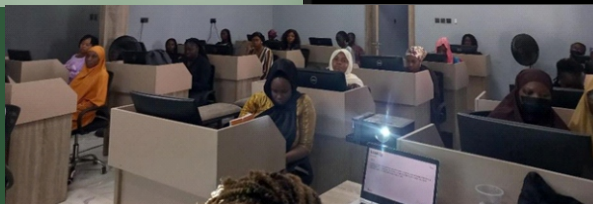
Digital Explorers partnership engagement

DSN hosted the Digital Explorer Lithuania team at the AI Hub as part of the preparatory stages of their project.

The initiative aims to provide learners, particularly females, with international internship opportunities. This exposure is a crucial component of Digital Explorer's efforts to enhance talent development in the ICT sector.

5.4 DSN Ladies in AI International Women's Day Celebration

The DSN Ladies in AI organized a successful International Women's Day celebration, with inspiring talks from guest speakers Dr. Kemi Omotubora, Nafisat Lawal, and Maria Luisa, attracting over 160 attendees both online and in-person. The event demonstrated the importance of promoting diversity, equity, and inclusion, providing a platform for women to connect and empower each other.

International Day for the Girl Child Activity

DSN marked the International Day of the Girl Child by visiting primary and secondary school students to introduce them to the fascinating world of Artificial Intelligence and its vast potential.

The event encouraged and inspired young girls to explore the field of AI and STEM (Science, Technology, Engineering, and Mathematics), which is vital for shaping a brighter and more inclusive future.

DSN Female Data Scientist Spotlight: DKT Interview to celebrate Girls in Science Women's Day 2024

As an organization fully committed to gender equality and representation of women in STEM and in celebration of 2024 international women in ICT, leadership was pleased to see DSN featured in an interview organized by DKT Nigeria. The interview focused on two female senior data scientists, highlighting their journey into STEM and IT careers. The article encouraged women to pursue STEM careers, navigate challenges, and excel. It also recognized the achievements and contributions of women already in STEM to global impact and economic growth.
https://bit.ly/girls-in-ICT-day

06

AI for National Building:

Policy Advocacy and Multi-Stakeholder Engagement for Sustainable Development

National AI Strategy development:
Co-facilitation, content development and stakeholder engagement

Data Science Nigeria (DSN) co-facilitated the National AI Strategy workshop alongside Lagos Business School and the Federal Government of Nigeria under the Federal Ministry of Communication, Innovation and Digital Economy.

This event marked a major leap towards developing a comprehensive roadmap for the adoption and implementation of AI in Nigeria. The workshop brought together 120 top professionals of Nigerian descent from around the world to co-create, co-analyze, and co-develop the proposed strategy in an intensive 4-day session. DSN is well-positioned to continue contributing to national development through its ongoing efforts and expertise in AI.
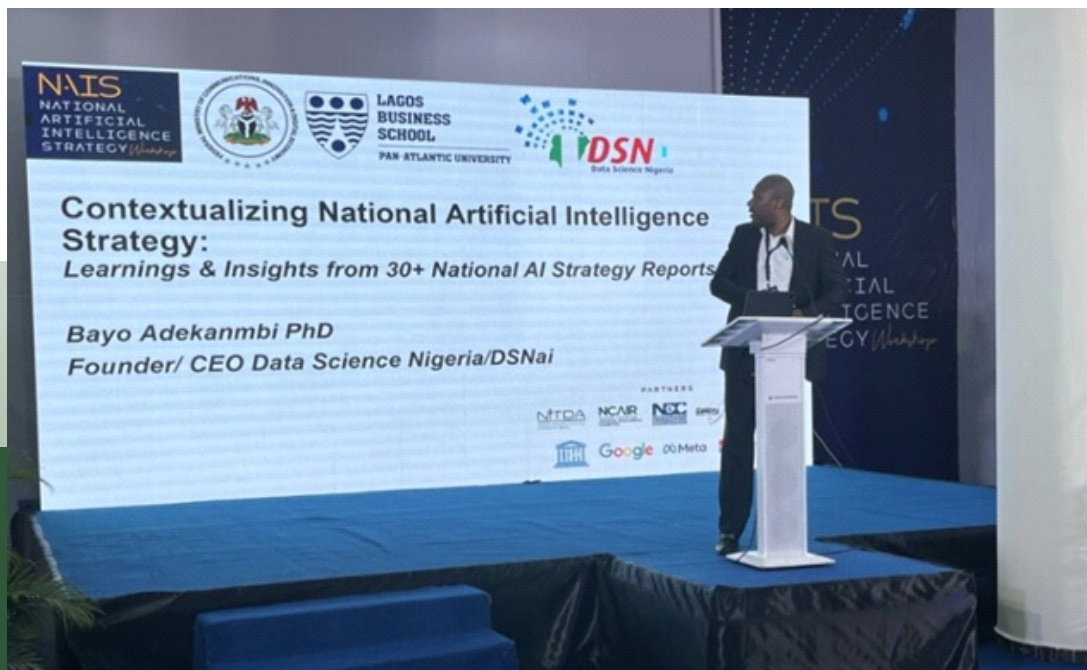
6.2 Strategic Engagement and Visit to the Honorable Minister for Communication, Innovation, and Digital Economy: Seeking Enhanced Collaboration

DSN's leadership team conducted a high-level strategic visit to the new Honorable Minister for Communication, Innovation, and Digital Economy, where we outlined key actions to strengthen collaboration and drive innovation.

We proposed deploying our AI beginners animated series in alignment with the Raspberry Pi coding plan, discussed refining and piloting our global expert-supported talent mentorship program, and committed to engaging with strategic development agencies on DPI requirements and policy enablement.

We also highlighted the concluded AI strategy workshop as a critical component of our engagement. This visit underscored our dedication to enhancing partnerships and advancing our mission in the digital economy, particularly in collaboration with the government.

6.3 Capacity Strengthening on the Eko360 Data for Governance Project

DSN organized a workshop that showcased the features and functionalities of the eko360 platform, a customized real-time data collection and analytics tool. The event brought together directors and deputy directors from various State on Eko360 Data for Governance project ministries in Lagos State.

During the workshop, the DSN team introduced the eko360 platform and facilitated a hands-on demonstration, guiding participants through its usage for data collection and validation.

6.4 Post-national AI strategy workshop media engagement – Arise TV and AIT

As a key outcome of the National AI Strategy Workshop, our founder, Dr. Bayo Adekanmbi, engaged in high-profile media discussions to share insights on the crucial role of Artificial Intelligence in national development.

During the Global Business Report session on Arise News and a feature on AIT TV, Dr. Adekanmbi explored the theme "Leveraging AI in National Development," emphasizing how AI can drive economic growth across critical sectors and enhance the education system.

In his interview on MoneyLine with Nancy of AIT, Dr. Adekanmbi provided expert analysis on the National Artificial Intelligence Strategy. He highlighted the workshop's focus on how Nigeria can strategically deploy AI to gain economic advantages, improve public welfare, and address the Sustainable Development Goals through locally customized solutions. These media engagements underscored DSN's commitment to advancing AI as a tool for national progress and development.

Interview Link
https://youtu.be/Bev6-6kUqAY?si=D7m6FgpdXR4D5quA

Edo State Data Governance State-wide Data Immersion workshop

DSN hosted a pivotal Data and Analytics workshop in February 2024, to advance Edo State's digital transformation, led by His Excellency, Governor Godwin Obaseki, the executive governor of Edo State.

The workshop, attended by over 233 participants from 72 MDAs, focused on the critical role of Data and Analytics in governance, emphasizing practical tools and best practices for effective data management.

The event highlighted DHIS2 methodologies for inclusive governance and evidence-based decision-making. Follow-up engagements and capacity-building initiatives were established to ensure sustainable data management beyond the funding period, positioning Edo State as a leader in data-driven governance.

Edo State Data Governance:
Post Event Strategic Engagements

The Data/Analytics Immersion Workshop is being reinforced through continuous follow-up with all MDAs, focusing on data curation, profiling, management, and analytics dashboard development via an integrated data portal.

This effort is supported by embedded capacity-building initiatives to ensure that data champions are equipped to sustainably manage the platform beyond the funding period.

6.6 Bank of Industry-iDICE (Investment in Digital & Creative Enterprises) Stakeholder and Strategy Engagement Forum

DSN participated in the stakeholder session organized by the Bank of Industry (BOI) focused on deliberating the execution strategy of the iDICE programme, a collaborative initiative with partners such as the Africa Development Bank (AfDB), Agence Française de Développement (AFD), Islamic Development Bank (IsDB), and private investors. The session aimed to stimulate growth and innovation in Nigeria's creative and digital sectors through targeted funding and support mechanisms.

Harnessing Geospatial AI for Social Impact and Public Good

7.1 DSN Geospatial Workshop held at the Deep Learning Indaba Conference, Ghana

DSN, together with InstaDeep, jointly hosted the first Geospatial Machine Learning workshop at the Deep Learning Indaba conference 2023 in Ghana. The workshop had over 100 participants and featured leading industry and research experts as speakers, including InstaDeep, Google Research Accra, WorldPop, Atlas.ai, ESRI, and Meta.
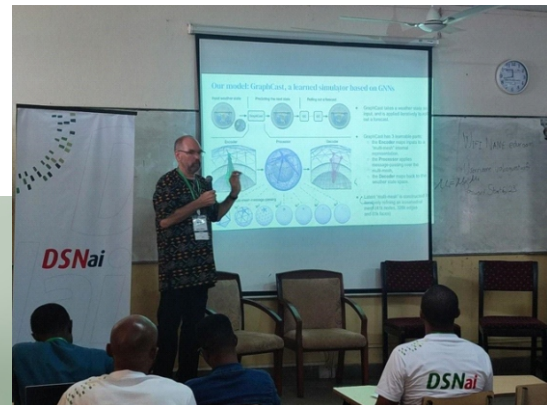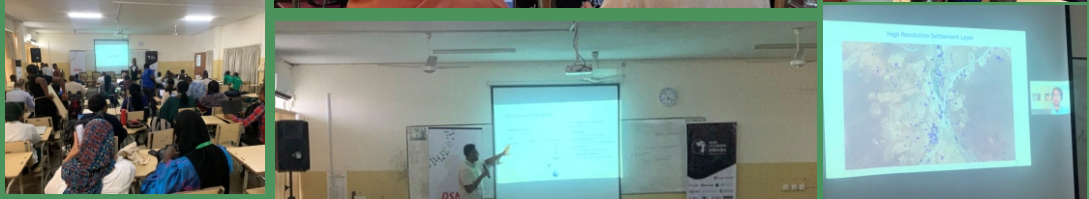
7.2 Relaunch of Geospatial Learning Community

We relaunched the DSN Geospatial Community as a dynamic platform for geospatial professionals and enthusiasts to connect, collaborate, and explore growth opportunities.

The community hosts biweekly webinars that offer hands-on practical experiences with various geospatial tools, helping members stay current with essential skills.

Additionally, it organizes hackathons that encourage competitive problem-solving, innovation, and prize-winning, creating a vibrant and supportive environment for growth and learning in geospatial sciences.

7.3 Delivery and Workshops for the Reproductive, Maternal, Newborn, Child, Health, and Nutrition (RMNCHN) Project in Kaduna, Kano, and Lagos States

As a key partner in the GeoST4R consortium, DSN is playing a pivotal role in advancing reproductive, maternal, newborn, child, adolescent health, and nutrition (RMNCAH-N) outcomes through innovative geospatial solutions.

The Bill & Melinda Gates Foundation emphasizes the importance of high-performing Primary Health Centers (PHCs) in delivering improved RMNCAH-N results. In line with this focus, DSN is leveraging geospatial data, tools, and technology to develop micro-planning and decision support solutions for Kaduna, Kano, Lagos, and Gombe states.

Our involvement began with a comprehensive assessment of each state's digital appetite, readiness and a baseline evaluation, serving as a foundation for building and adapting geospatial and AI solutions to improve processes for these states for their RMNCAH-N microplanning. These solutions offer critical insights, such as estimating target and total populations, mapping settlements to health facilities, identifying missed settlements, service gaps, and tracking health resources by displaying available human resources and commodities, etc., ultimately supporting the states in proactive and efficient microplanning.

Strategic partnership for impact –
Pathfinder's visit to the DSN AI Hub

We received Dr. Hafiz Yaro from Pathfinder, a key member of the GeoST4R project team, at our AI Hub in Lagos State. During his visit, we engaged in a strategic discussion about developing a geo-enabled solution aimed at addressing critical issues such as neonatal deaths and maternal mortality.

Our collaborative approach focuses on creating innovative solutions that effectively reach underserved populations and tackle these pressing health challenges.

AI for Health intervention management:
Field solution deployment and testing in Kaduna

In alignment with DSN's vision of building AI solutions that improve the lives of people in emerging markets, we developed and piloted an AI-driven tool as part of the GeoST4R mandate for managing field health interventions.

This solution offers real-time data on population, settlements, human resources, commodities, road accessibility, and weather forecasts, empowering health field workers to deliver essential services more effectively.

The pilot was conducted in 10 health facilities and 20 settlements in Kaduna State, demonstrating the AI tool's potential to provide critical information for optimal health service delivery

Global and Local AI Community Event Participation

Participation at the Microsoft Global Inaugural Non-profit Leaders' Summit in Seattle, USA

DSN, a strategic implementing partner of Microsoft, was honored to be represented by our founder and lead mentor at the inaugural Microsoft Global Non-Profit Leaders' Summit in Seattle, USA.

The two-day summit brought together over 1,400 professionals to explore the transformative potential of Artificial Intelligence in advancing social good globally. Our participation provided valuable opportunities for knowledge sharing, networking, and reaffirming our commitment to developing more inclusive and representative large language models.

The summit highlighted the importance of leveraging diverse, bottom-up datasets to create relevant solutions, particularly in Generative AI, which holds vast potential for driving meaningful societal change.

A notable session, aligned with our organization's objectives, featured Microsoft President Brad Smith emphasizing the need for an inclusive AI foundation to fulfill our shared mission of enhancing global well-being. We are proud to be part of this collective effort.

Participation at the Deep Learning IndabaX 2024

At the Deep Learning IndabaX 2024, held from June 6-7 at MIVA University in Utako, Abuja, Data Science Nigeria (DSN) played a pivotal role in the event's success.

This hybrid conference, which featured a mix of virtual and in-person sessions, brought together leading minds in AI, including DSN's own Dr. Olubayo Adekanmbi.

The event was marked by keynote addresses, fireside chats, panel discussions, workshops, and poster presentations. A standout moment for DSN was winning the best poster award for a presentation on "Geo-parsing and Geo-Visualization of Road Traffic Crash Incident Locations from Print Media for Emergency Response and Planning," presented by Patricia Idakwo.

This recognition earned a sponsorship to attend Deep Learning Indaba 2025. DSN was also honored with a gold award of excellence for its ongoing financial and

capacity-building contributions to the AI ecosystem in Nigeria, highlighting its leadership and commitment to advancing AI on the continent.
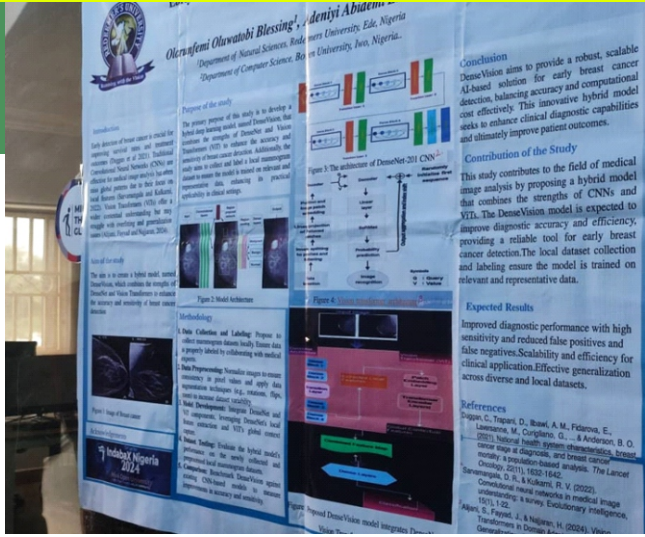
Participation at the Pan-African Indaba, Accra, Ghana

The Deep Learning Indaba, a premier event for the African Machine Learning and AI community, once again served as a hub for collaboration, learning, and research in 2024.

DSN took center stage, showcasing our cutting-edge research and expertise, leaving a lasting impression on participants from across the continent.

With five posters presented at the Deep Learning Indaba 2023 Conference, DSN also contributed to a panel discussion, sharing valuable insights and best practices from our community. This active participation underscores

DSN's commitment to democratizing AI knowledge and our mission to cultivate 1 million AI talents in the next decade.

Participation on voice-powered AI innovations at the Information and Communications Technologies for Development Conference (ICT4D) - Accra, Ghana.

DSN participated at the 12th ICT4D in-person conference, spotlighting the impact of new and emerging technologies such as AI on socioeconomic development in developing countries.

The event had 4 DSN speakers and panelists facilitating various sessions. We showcased our works in generative AI in low-resource languages.

8.5 Participation at the Intel AI Programme for African DeepTech Startups & Ecosystem Stakeholders

DSN actively participated in the Intel AI program, organized in partnership with AfriLab, designed for African DeepTech startups and ecosystem stakeholders in Nigeria.

The three-day event focused on exploring the challenges, opportunities, and future prospects of DeepTech in Africa. Dr. Ralph De Wargny introduced Intel's liftoff for AI startups program, highlighting how Nigeria's DeepTech ecosystem can leverage Intel's free virtual platform to support early-stage tech startups in developing and deploying AI solutions.

DSN showcased its approach to DeepTech, emphasizing the importance of continuous learning, access to global expertise, and utilizing abundant learning resources.

8.6 Participation at the AfriLabs CreativeTech Event

DSN participated in the Afrilabs Creative event, which focused on the convergence of creativity, innovation, and technology, emphasizing the role of technology in advancing the creative industries. Obi Asika delivered a keynote address on Digital Sovereignty, stressing the importance of collaboration between academia and startups to develop digital platforms that monetize African influence and train 20 million talents annually.

Panel discussions highlighted the opportunities and challenges within Africa's creative economy, showcasing various artworks and innovative creative projects.
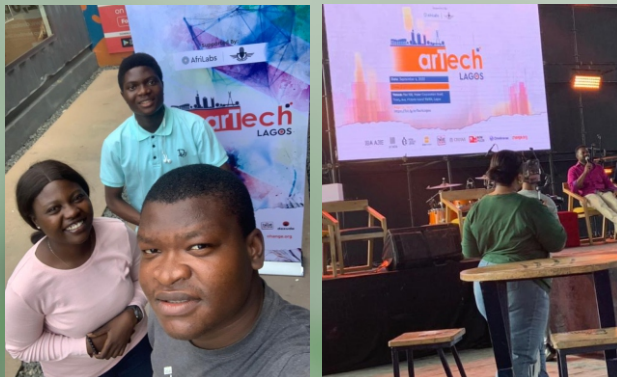
8.7 Participation at the IoT West Africa Event

The IoT West Africa Conference & Exhibition, held at the Landmark Centre in Lagos from July 4-6, 2023, was a vibrant gathering of innovators, business leaders, and government officials eager to explore the latest in IoT and cyber solutions for Nigerian organizations.

The event featured insightful talks, including Folarin Oreoluwa Aiyegbusi from Google, who addressed the challenges faced by Nigerian startups, and highlighted the critical role of storytelling and mentorship in securing investments. Victor Odumuyiwa and Alice Anangi delved into the transformative potential of AI, ML, and blockchain in cybersecurity and IoT adoption.

Notable product demonstrations included Kaspersky's new cyber-immune operating system and SHYFT Power Solutions' innovative IoT-based electricity management system.
Amidst this technological showcase, there was a clear call for more AI-driven solutions, underscoring the untapped potential in the region's IoT landscape.

Thought Leadership:

Shaping the Future of AI and Innovation

THOUGHT LEADERSHIP ON ARTIFICIAL INTELLIGENCE AND ITS IMPACT

Nigerian Academy of Engineering Webinar- Generating Anything AI: Building Impactful Local Solutions Using Large Language Models

Dr. Bayo Adekanmbi addressed the Nigerian Academy of Engineering in a virtual gathering, focusing on the theme "Generating Anything AI: Building Impactful Local Solutions with Large Language Models."

In his presentation, he delved into the intricacies of Generative AI, shedding light on its potential to revolutionize various aspects of our lives. From work to leisure activities, Generative AI holds the promise of reshaping how we approach tasks and challenges. By elucidating its practical applications, Dr. Adekanmbi aimed to demystify Generative AI and underscore its capacity to address diverse issues across different sectors and societal levels.
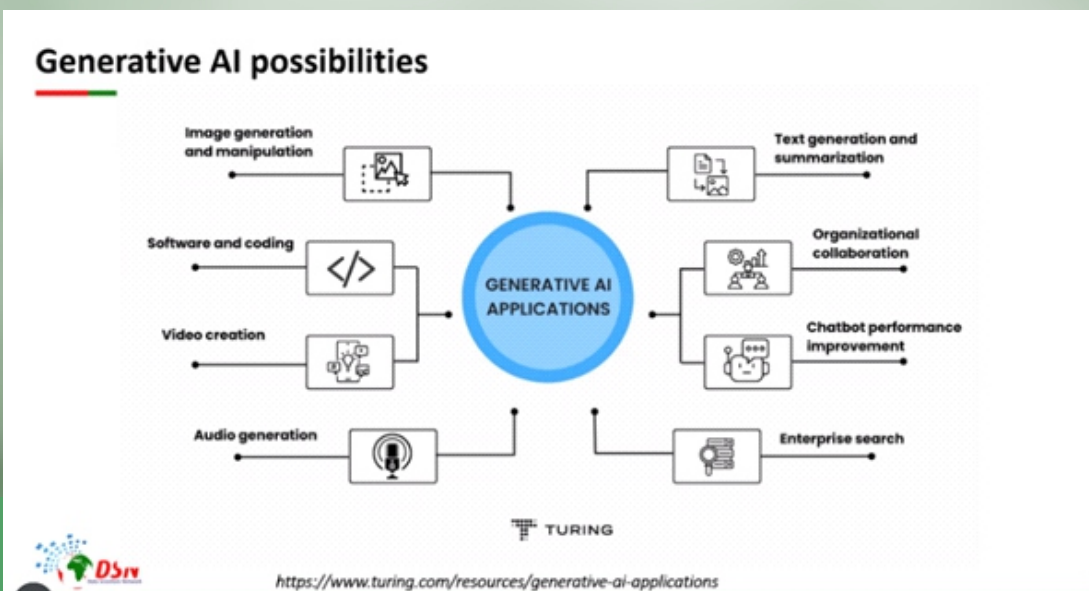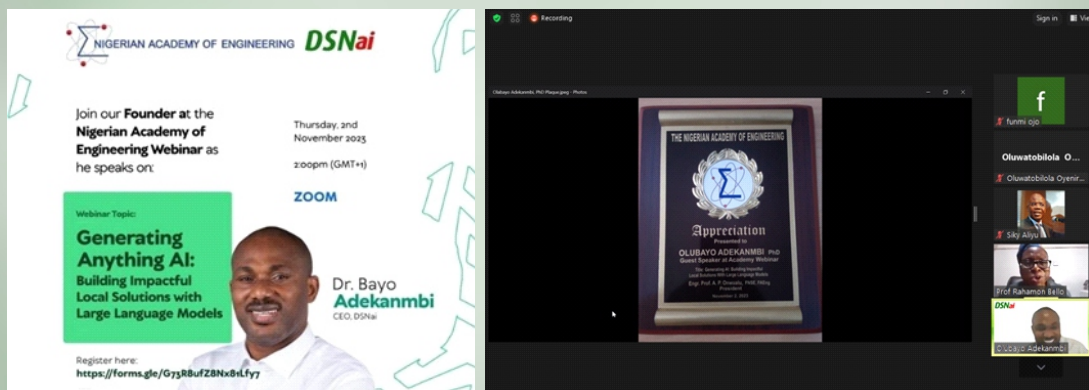
9.1.2 GoMyCode Masterclass Webinar-
AI as a Tool for Change in Business, Career, and Entrepreneurship

Dr. Olubayo Adekanmbi delivered an insightful session at the Free Masterclass organized by GOMYCODE, where he discussed the transformative impact of Artificial Intelligence on business, career development, and entrepreneurship.

During the Masterclass titled "AI as a Tool for Change in Business, Career, and Entrepreneurship," Dr. Adekanmbi shared strategies for making smarter, data-driven decisions that can elevate businesses and entrepreneurial ventures to new heights.

He explored the potential of AI to revolutionize industries by enhancing efficiency, driving innovation, and fostering sustainable growth.

Through real-world examples and interactive discussions, Dr. Bayo Adekanmbi empowered participants to harness AI technology to achieve their professional and entrepreneurial goals.

9.1.3 AI Fireside Chat:
A Frank Talk with Tech Leader by Tunde-Success Osideko

Our founder, Dr. Bayo Adekanmbi, was a featured speaker at Tunde-Success Osideko's AI Fireside Chat, where he shared valuable insights on the multifaceted world of Artificial Intelligence.

During the event, Dr. Adekanmbi recounted his journey as a tech leader, C-suite executive, and founder, offering a unique perspective on the evolving AI landscape and his experiences at the forefront of technology.
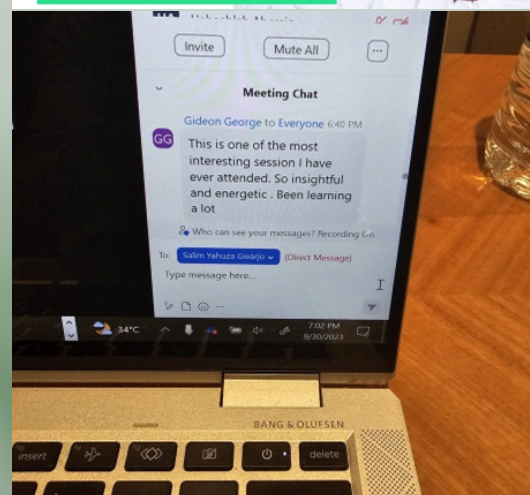
9.1.4 AI and the Future of Work:
How AI is Reshaping Industries by David Akanjl

DSN was represented by our Impact and Community Lead, David Akanji, at the "AI and the Future of Work" masterclass hosted by InovaAI. As an AI expert, David shared insights on the transformative impact of AI on workplaces, emphasizing its potential to revolutionize industries.

His participation highlighted DSN's expertise and commitment to leveraging AI's potential.

David provided valuable perspectives on navigating the challenges and opportunities presented by AI, reinforcing DSN's mission to lead and innovate in the digital landscape.

9.1.5 Keynote Speech at AAAI Workshop Vancouver, Canada on Diversity, Belonging, Equity and Inclusion in AI

Our founder, Dr. Bayo Adekanmbi, emphasized the importance of advancing the scientific understanding of thought, intelligent behavior, and their embodiment in machines at the Association for the Advancement of Artificial Intelligence (AAAI) Conference in Vancouver, Canada.

His presentation, titled "Artificial Intelligence: Diversity, Belonging, Equity, and Inclusion," highlighted the necessity of uniting underrepresented communities to pursue shared goals through interdisciplinary collaboration and stressed the critical role of fostering inclusivity and embracing diverse perspectives within the AI community

9.1.6 Keynote Speech at the Ingenium 5th Anniversary on the Role of AI in Modern Business

Our founder, Dr. Olubayo Adekanmbi, delivered the keynote address at the Ingenium 5th Anniversary, where he emphasized that AI's true potential in business lies in its collaboration with humans rather than merely competing in areas like automation and data analysis.

He also underscored the importance of infusing AI with humanity and empathy to drive innovation and enhance efficiency
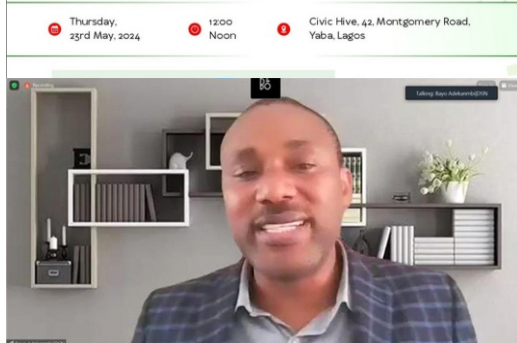
9.1.7 AI's Impact on Development and MERL Efforts in LMIC by Uche Edwin

Our Product Lead, Uche Edwin, served as a panelist at the ICT4D MERL Conference, where his session focused on how the growing trend of Generative AI technology can become more inclusive, especially for end users in Low- and Middle-Income Countries (LMICs).

During the panel, Uche shared insights on the importance of language localization in making Generative AI accessible to these regions.

He also made three key predictions for the future of AI in LMICs:·
· **Voice Technology Adoption:** Voice technology will drive AI adoption in LMICs.
· **No-Code Platforms:** The widespread use of no-code platforms will enable more people to create AI applications easily.
· **AI's Five Pillars:** The five pillars of AI—Compute, Talent, Data, Policy, and Ethics—will see varying degrees of evolution in the coming year.

The workshop highlighted that inclusion remains a significant challenge for AI innovators worldwide.

Uche emphasized the need for local organizations to amplify their efforts in fostering partnerships and support across the continent.

This session reinforced our commitment to advancing AI inclusivity and underscored the critical role that local innovation plays in driving socio-economic development within LMICs.

Fireside Chat on Sharpening Your Skills in AI at IndabaX Nigeria 2024

Dr. Olubayo Adekanmbi delivered a compelling lightning talk at the recently concluded IndabaX Nigeria 2024, where he addressed the audience on the topic "Sharpening Your AI Skills."

He emphasized the importance of developing world-class competencies by engaging in global learning, enhancing research capabilities, attending conferences, joining learning communities, and transforming ideas into tangible products

Dr. Adekanmbi urged participants to "get their hands dirty" by actively participating in hackathons, tackling real-world problems, building innovative solutions, and working with global datasets.

He highlighted that these efforts would strategically position them for global relevance.

Concluding his talk, Dr. Bayo Adekanmbi issued a powerful challenge, reminding the audience that the world is looking to Nigeria to create groundbreaking solutions for Africa.

He declared, "This is our time, and the world is waiting for us.

9.1.9 Virtual Career Event for Graduating Students of Electronic and Electrical Engineering at Obafemi Awolowo University

"Standing on the shoulders of fathers means building upon the legacy and wisdom of previous generations." Those were the words of our founder, Dr. Olubayo Adekanmbi, as he spoke at the Career Event hosted by the Electrical Electronic Engineering Department at Obafemi Awolowo University. During his presentation on "Building a Great Career,"

Dr. Adekanmbi offered invaluable insights into transforming aspirations into tangible successes. He emphasized that our achievements are often rooted in the sacrifices, guidance, and foundational efforts of those who came before us. Fathers, he noted, provide not just life and support but a platform for future success. Addressing the graduating class of 2023,

Dr. Adekanmbi encouraged them to shape their desired futures and achieve their career goals by treating their dreams as detailed plans. He urged them to start taking deliberate steps toward building the careers they've always envisioned.

Their experiences and lessons, he reminded them, offer a steady base from which they can reach greater heights and navigate life's challenges.
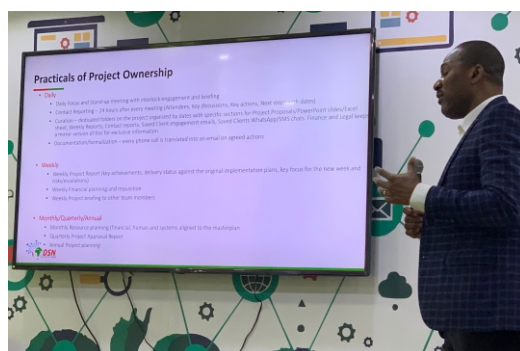
9.1.10 The Ideas House 15th Anniversary
AI in the Future of Marketing

Our founder, Dr. Olubayo Adekanmbi, was a key speaker at the Ideas House 15th anniversary celebration, which featured thought leaders and industry experts. In his presentation on "The Role of Artificial Intelligence in the Future of Marketing,"

Dr. Adekanmbi highlighted AI's crucial impact on shaping the future of marketing.

His insights underscored how AI can drive innovation and elevate marketing strategies. The event was a resounding success, inspiring attendees to harness AI to achieve excellence and push the boundaries of marketing.
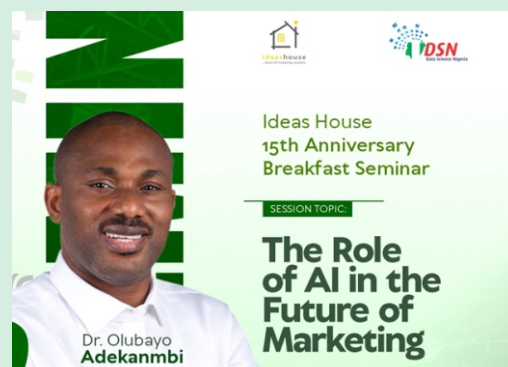
THOUGHT LEADERSHIP ON GENERATIVE AI AND LARGE LANGUAGE MODELS

9.2.1 NeurIPS/Cerebras First Multilingual Model Workshop - Towards LLM-Generative Diversity
Highly Nuanced and Context-Aware Data Generation Approaches

Our Founder, Dr. Bayo Adekanmbi, led a session at Cerebras Systems' inaugural Multilingual Model Workshop during the Annual Conference on Neural Information Processing Systems (NeurIPS) 2023. His presentation, titled "Towards LLM Generative Diversity: Highly-nuanced and Context-aware Data Generation Approaches, "addressed the significant challenges of ensuring generative diversity and context-awareness in large language models (LLMs).

Dr. Adekanmbi's insights focused on advancing natural language processing tasks and enhancing text generation through more nuanced and context-aware data generation techniques.

9.2.2 AI in Finance for Africa:
Generative Diversity - Building Large Language Models for Social Inclusion

Our founder, Dr. Olubayo Adekanmbi, was a prominent speaker at the 4th Artificial Intelligence in Africa Workshop, held during the 2023 ACM International Conference on Artificial Intelligence in Finance.

This workshop is a pivotal platform that brings together researchers and industry practitioners to delve into the application of AI for sustainable financial and economic development in Africa. In his presentation, Dr. Adekanmbi explored how diversities in Generative AI can advance social inclusion within the African context.

He highlighted the transformative potential of AI in fostering equitable growth and development across the continent. Dr. Adekanmbi's discussion underscored the importance of leveraging AI to address disparities and promote sustainable development throughout Africa.

9.3 THOUGHT LEADERSHIP ON GENERATIVE AI AND LARGE LANGUAGE MODELS

9.3.1 The Bluechip Data and AI Summit-
Building an Effective Data Strategy from Vision to Implementation for Executives

Maximizing the impact of an executive role involves honing the skill of data-driven decision-making to unlock its full potential.

Dr. Bayo Adekanmbi, our Founder, spoke at the exclusive Executive Session during the Bluechip Technologies Data and AI Summit. He shared valuable insights on leveraging data and artificial intelligence, guiding top-level executives from vision to implementation in today's dynamic business landscape.

His expertise provided a roadmap for harnessing the power of data and AI to drive strategic decision-making and achieve organizational success.

9.3.2 The Creative Economy & A Digital Lagos:
Data-Driven Creativity Through Generative AI

Artificial intelligence as we know it is an enabler and it can boost one's creativity. Our founder, Dr. Olubayo Adekanmbi, spoke at the Eko Innovation's 5th Art of Technology on unleashing data-driven creativity by leveraging generative artificial intelligence.

The event, organized in partnership with Lagos State government, was themed "The Creative Economy and a Digital Lagos," bringing together different creatives from various fields as they shared insights on harnessing data-driven creativity through generative AI.

9.3.3 Digital Regenesys:
Advancing Data Science - Industry Expert Session with David Akanji

In a significant advancement for the data science field, the DSN community partnered with Digital Regenesys to deliver an "Industry Expert" session as part of their Advanced Data Science course.

This collaboration highlights our dedication to advancing data science and developing talent for the digital age. Digital Regenesys, known for its extensive business education offerings, leveraged DSN's deep expertise for this session.

The initiative, which reached audiences in Johannesburg, Mumbai, and Lagos, demonstrated its global scope and impact. The primary objective of the session was to equip learners with the knowledge and skills necessary to address the challenges of the digital revolution.

Under the expert guidance of DSN's community lead, David Akanji, participants engaged in a comprehensive learning experience designed to navigate the complexities of today's digital landscape effectively.

9.3.4 Panel Session on Data and Technology (E-Commerce) at the Lagos Business School, Africa Retail Congress 2023

At the Lagos Business School's African Retail Congress 2023, Dr. Olubayo Adekanmbi highlighted the transformative impact of technology and data on Africa's retail market.
He discussed how technology, through e-commerce platforms, mobile solutions, and AI is expanding retailers' reach, optimizing operations, and personalizing shopping experiences.

Dr. Adekanmbi emphasized the importance of leveraging big data to gain a deeper understanding of the market and enhance decision-making. He explained that data is essential for providing retailers with profound consumer insights, improving operational efficiency, and identifying market trends. By analyzing consumer behavior and preferences, retailers can better tailor their offerings to meet demand, leading to increased customer satisfaction and loyalty.

Furthermore, data analytics can streamline supply chain management, reduce costs, and enhance efficiency, enabling retailers to remain agile and responsive to market changes.

9.3.5   2023 NESG Session Panel Discussion:
Digital Public Infrastructure as Drivers of Innovation and Socio-Economic Development

DSN had the pleasure of having our founder, Dr. Olubayo Adekanmbi, speak at the Nigeria Economic Summit Group. During the event, Dr. Adekanmbi highlighted the transformative impact of technology and data on Africa's retail market.

He detailed how innovations such as e-commerce platforms, mobile solutions, and AI are expanding retailers' reach, optimizing their operations, and personalizing shopping experiences.

Dr. Adekanmbi emphasized the critical role of leveraging big data to deepen market understanding and improve decision-making. He explained that data provides retailers with valuable consumer insights, enhances operational efficiency, and identifies market trends.

By analyzing consumer behavior and preferences, retailers can better tailor their offerings to meet demand, which boosts customer satisfaction and loyalty.

Additionally, data analytics can streamline supply chain management, reduce costs, and improve efficiency, allowing retailers to remain agile and responsive to market changes

9.3.6 Mastercard Foundation EdTech Mondays-
AI adoption in education to boost learning by Omotayo Olorunfemi

Our Community Operations Manager, Omotayo Olorunfemi, participated in the May edition of the EdTech Mondays Nigeria show on the topic, Artificial Intelligence in Education. The focus of the session was on how AI can be used and leveraged in the educational sector.

Emphasis was placed on:

- AI for Personalization of learning content and learning experiences with DSN's personalized learning product, uLearn as a use case.
- AI for Assessment generation and content grading.
- AI for Data-driven decision making.
- Responsible use and Ethical considerations of AI were also emphasized.
- AI for content generation (text, images, and videos).

The need for educators to acquire the skillset and competencies required to leverage the age of AI was also emphasized.

9.3.7 Nigeria FinTech Week:
Resilience, Innovation & Diversity - Emerging Innovations in FinTech

Persistently facing the same challenges with unchanged methods will not yield different results.

Embracing resilience, innovation, and diversification through advanced AI solutions is essential for financial institutions.

At the 2023 Nigeria Fintech Week, our founder delivered a keynote on "Emerging Innovations in Fintech," showcasing our award-winning solution, FinChat.

Powered by a large language model (LLM), FinChat is a groundbreaking tool designed to help financial institutions drive innovation and tackle ongoing challenges effectively

9.3.8 Panel Discussion on the GenAI Leap at GITEX Africa 2024 Conference

Dr. Olubayo Adekanmbi participated in a pivotal panel discussion at GITEX Africa, the continent's largest tech conference, where he focused on the transformative potential of Generative AI (GenAI).

He emphasized GenAI's crucial role in bridging the digital divide and lowering entry barriers for new digital technology enthusiasts. Dr. Adekanmbi also highlighted the necessity of embedding domain experts in AI solution development to ensure market relevance.

Addressing a key challenge, he noted the inadequacy of current AI solutions for the African market due to a lack of suitable datasets. He affirmed that DSNai is well-positioned to address these challenges by developing AI solutions tailored to Africa's unique needs and data realities.

Productizing Knowledge:

Research and Locally Relevant Solutions for Global Challenges

10.1 Winning the best academic paper and physical participation at the prestigious ICLR Conference with 9 accepted papers - Vienna, Austria

The AfricaNLP Workshop at ICLR 2024 focused on adapting generative AI models for African languages. The event gathered researchers, practitioners, and industry experts to discuss NLP solutions tailored to the African context.

DSN had nine papers accepted and presented at the conference, with "Geo-parsing and Geo-Visualization of Road Traffic Crash Incident Locations from Print Media for Emergency Response and Planning," authored by Patricia Ojonoka Idakwo, Olubayo Adekanmbi, Anthony Soronnadi, and Amos David, receiving the best paper award.

The AfricaNLP Workshop at ICLR 2024 focused on adapting generative AI models for African languages and gathered researchers, practitioners, and industry experts to discuss NLP solutions tailored to the African context. The CMULAB team from Carnegie Mellon University demonstrated a linguistic annotation tool for OCR, speech recognition, translation, and syntactic analysis, aimed at advancing research in African languages. Discussions highlighted the need for small, portable, and cost-effective NLP models, utilizing techniques such as model architecture optimization and knowledge distillation. The SERENGETI project, supporting 517 African languages, was showcased, alongside efforts to improve pretraining data quality. The importance of multilingual language models to support 500 African languages and prevent the exclusion of about 1 billion people from global conversations was emphasized. Key takeaways included the need for rapid progress in NLP research, addressing data challenges, ensuring models' relevance to African contexts, minimizing computational resource requirements, and managing code-switching. Strong monitoring mechanisms, domain-specific models, high-quality data, and local engagement were deemed essential. The workshop also explored potential partnerships with Lelapa.ai to share resources and collaborate on projects with DSNai and Ghana NLP. The event underscored the necessity of developing localized, efficient, and scalable NLP solutions to bridge the technology gap and foster digital empowerment across Africa.

10.2 Winning the National AI Research Scheme Grant

DSN is honored to have been selected as one of the beneficiaries of the National AI Research Scheme Grant.

This esteemed grant, awarded by the Federal Government of Nigeria, is aimed at supporting initiatives that advance social good through artificial intelligence research.

Our project under the grant focuses on leveraging large language models for personalized learning in STEM courses.

This innovative approach is designed to enhance traditional classroom teaching, offering a more tailored and effective learning experience for students in pri-mary education.

10.3 Innovative platforms for data collections –

Codemixing competition and audio recorders for language datasets

In our quest to enrich AfroLLM, a language model tailored for African languages, we launched the Yoruba Code-Mixing competition as an innovative platform for data collection.

The competition was designed to capture the unique linguistic patterns of modern Yoruba, where speakers often blend Yoruba with English.

This vibrant linguistic fusion presented an opportunity to deepen the cultural and expressive capabilities of our model.

To ensure broad participation, we rolled out a comprehensive publicity campaign across our social media platforms, stra-tegically targeting our extensive commu-nity in the southwestern region of Nigeria, where Yoruba is widely spoken.

However, our efforts didn't stop at digital outreach. Recognizing the importance of direct engagement, our team made physical visits to universities in Yoruba-speaking regions. By connecting with Heads of Departments (HODs), student leaders, and the broader Yoruba student community, we successfully ignited enthusiasm for the competition.

The competition drew an overwhelming response, with submissions pouring in from across the country. The ten best essays, selected by a panel of dedicated judges, were each awarded a prize of NGN25,000, celebrating the creativity and linguistic diversity of the participants.

This initiative not only advanced our language model but also highlighted the importance of preserving and adapting African languages in the digital age.

Strategic Partnerships:

Collaborating for Socio-Economic Impact and Growth

11.1 University College London - AI Solutions for Humanitarian Project

The project is aimed at exploring the potential of AI, collaborating with others, and shaping future humanitarian AI interventions.

Ten grantees will be guided through a bespoke curriculum to build their knowledge in the field of AI, take part in group discussions and hands-on exercises trailing AI tools, hear from guest speakers and experts from the field to provide real-world insights into best and next practices, and receive one-on-one support from mentors.

11.2 Support for GSMA AI for Africa project

The GSMA AI project aims at engaging with stakeholders involved in AI innovation across Kenya, Nigeria, and South Africa. The interview aims to:

- **Understand the AI ecosystem:** What are the biggest gaps and opportunities to improve the state of AI for development in Kenya, Nigeria, and South Africa?
- **Identify AI use cases:** Based on your experience, what existing and emerging AI-enabled use cases address development challenges across any of the focus sectors?
- **Recommendations to scale:** What recommendations would you make to donor partners and public sector practitioners to improve the enabling environment to scale use cases that address development challenges in these focus sectors?

11.3 AI Startup program delivery in partnership with the EduAI Hub

In a groundbreaking initiative, DSN has partnered with the University of Lagos and Université d'Abomey-Calavi in the Benin Republic to lead a Swedish and Canadian government-funded joint research project on the application of Artificial Intelligence (AI) in education.

This collaboration aims to explore and enhance the ways AI can be leveraged to improve educational outcomes and processes across the continent. As part of this commitment, DSN attended the 2024 EduAI Hub retreat, underscoring its role as a strategic partner within this influential network.

The EduAI Hub is an African research network dedicated to advancing education by enhancing teaching, learning, and school administrative functions through the responsible development and deployment of AI technologies.

The retreat was pivotal, centering on project reviews, reflections, and a design thinking session aimed at identifying and addressing educational challenges, while also discussing the long-term sustainability of the Hub.

A significant focus of the project is the co-creation and development of an inclusive AI product development toolkit. The goal is to integrate a gender and privacy perspective into every stage of AI development. DSN actively contributed to this initiative, with two representatives participating in the co-creation session to ensure these critical considerations are embedded in the AI developmental lifecycle, reflecting their commitment to responsible and ethical AI practices.

11.4 The national AI Collective supported by Luminate

DSN is proud to be a pivotal member of the newly formed Nigerian AI Collective, alongside Lagos Business School (LBS) and the Centre for Journalism Innovation (CJID), under the National Centre for Artificial Intelligence and Robotics (NCAIR).

This collective aims to propel Nigeria's leadership in AI-driven economic growth and social progress. By fostering collaboration among AI professionals, implementing impactful training programs, driving AI innovation and research, advocating for supportive AI policies, and establishing international partnerships, we are committed to making a global impact through AI.

11.5 Microsoft-funded Digital Skills Nigeria Training Program-
A nationwide Job Intervention Initiative

We successfully completed the Microsoft-funded Digital Skills Nigeria training program, a nationwide job intervention initiative. We are proud to have exceeded the target of 20,000 participants, earning commendation from our partners.

This achievement demonstrates our commitment to empowering individuals with digital skills, enhancing their employability, and contributing to the growth of Nigeria's digital economy.

11.6 Mastercard Associate Program by the Mastercard Foundation and Jobberman

As part of our commitment to fostering talent and creating opportunities for young professionals, we partnered on a new collaboration with the Mastercard Foundation and Jobberman for the Mastercard Associate Program.

This collaboration underscores our dedication to bridging the gap between education and employment, providing young professionals with the tools they need to succeed.

The Mastercard Associate Program, designed to connect Associates with local employers, offers participants invaluable hands-on experience and professional development opportunities.

By focusing on practical skills and real-world applications, the program equips Associates with the knowledge and confidence necessary to excel in the job market.

Our partnership leverages the strengths and resources of each organization, streamlining efforts to create a robust support system for participants.

DSN, as the organization receiving the talent, plays a pivotal role in nurturing and equipping these young professionals with the essential skills needed in the workplace.

This collaborative effort ensures that Associates are not only prepared to enter the workforce but are also empowered to make significant contributions to their chosen fields.

BMGF Africa AI Hub Design Workshop

DSN and the Gates Foundation (implemented by Dalberg) organized a workshop at the DSN Hub to boost AI innovation in Nigeria. The workshop aimed to test hypotheses put forth by the Bill & Melinda Gates Foundation regarding AI hub propositions in Nigeria. Participants, including government officials, industry leaders, academia, and civil society, discussed AI's potential impact on Nigeria's economy and society.

This proposition explores challenges, gaps, and opportunities related to conceptualizing and integrating AI hubs across various regions in Nigeria and how AI hubs could drive economic growth and social impact with ethical AI and local solutions. The workshop concluded with plans for strategic partnerships, interventions, and a refined roadmap for implementation.

Microsoft AI for Nonprofit and Social Good Summit in Nigeria

As part of our commitment to fostering digital inclusivity and empowering non-profit organizations, Data Science Nigeria (DSN) partnered with Microsoft to host the inaugural AI for Non-Profit Organizations and Social Good Summit on Thursday, June 27, 2024, at Microsoft's Lagos office.

This groundbreaking event demonstrated the transformative potential of Artificial Intelligence (AI) in enhancing social impact initiatives and supporting the welfare of communities through non-profits and social enterprises.

The summit featured keynote speeches, including one from Paul Kennedy of Zindi Africa, on the transformative role of AI in advancing social good initiatives. Panel discussions moderated by Dr. Bayo Adekanmbi from DSN explored the application of AI for social impact and ethical considerations.

Participants engaged in hands-on workshops to develop practical AI skills. The event also highlighted Microsoft's Digital Skills Nigeria initiative and showcased innovations from Reliance Systems.
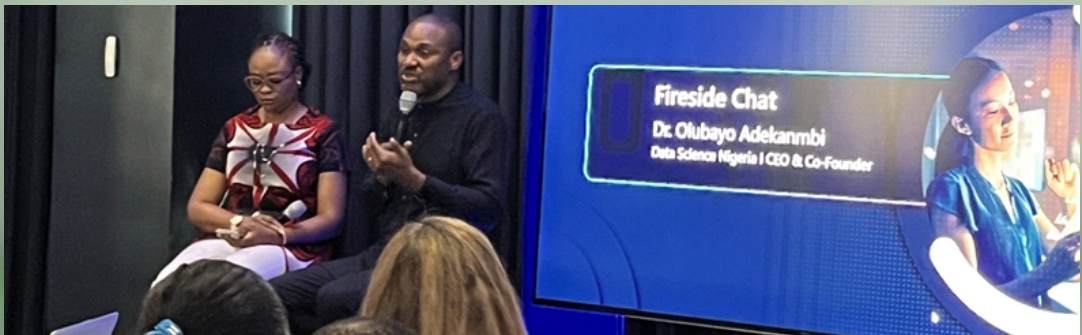
The summary brought together professionals and non-profit leaders to foster collaborative learning and digital inclusivity, reinforcing Microsoft and DSN's commitment to empowering non-profits with essential digital skills.

https://www.startuplagos.net/post-detail/microsoft-and-data-science-nigeria-host-inaugural-ai-for-non-profit-organizations-and-social-good-summit#

2023-2024 ANNUAL REPORT

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Scaling for
Global Recognition
and Sustainable Impact

12.1 | **Top 50 global winner at the BMGF Global Grand Challenge 2023**

We joined other Grand Challenge Grantees at the Gates Foundation's foremost global scientific conference focused on solving the world's most pressing problems in Dakar, Senegal, where DSN Foundation showcased our works in the application of Artificial Intelligence to solve real socio-economic problems. DSN is one of the top global 49 out of 1,300+ Global Grand Challenge participants. At the event, our founder, Dr. Olubayo Adekanmbi, Executive Director, Toyin Adekanmbi, and Geospatial Business Lead, Chinazo Anebelundu, showcased our winning solution "Leveraging a Large Language Model (LLM) for Financial Inclusion."

12.2 AI/ML Excellence Award at the Art of Technology (AoT)

It was a triumphant moment for us as we were pronounced winners of the AOT 5.0 Artificial Intelligence/Machine Learning (AI/ML) Excellence Award at the Art of Technology Lagos Awards, hosted by the Lagos State Government and Eko Innovation Center! We emerged victorious among 10 stellar nominees, with an impressive 1,382 votes after 33 days of voting.

This accolade is a testament to our commitment to democratizing and demystifying AI knowledge with excellence. A special thanks to our staff, Board members led by Prof. Kirk D. Borne, community members, and many of our clients who have trusted us to build world-class AI/ML products for them.

Thank you, Art of Technology Lagos, for honoring innovation, and thank you to all who voted and believed in our mission! **https://bit.ly/AOTAWARD**

12.3 Top winner at the Pale Blue Dot Visualization Challenge, a US-government led Data Visualization Competition

As part of our commitment to advancing data science and supporting global sustainability efforts, Data Science Nigeria (DSN) proudly emerged as a top winner at the Pale Blue Dot Visualization Challenge.

This prestigious competition, organized by the U.S. government, saw participation from 1,591 contestants across diverse fields. The challenge, sponsored by NASA and the U.S. Mission to International Organizations in Vienna (UNVIE), required participants to create impactful data visualizations using Earth observation data aligned with the Sustainable Development Goals (SDGs).

Focusing on Zero Hunger (SDG 2), DSN's innovative visualization was selected as one of the 33 honorable mentions from a remarkable array of submissions.

This recognition highlights DSN's dedication to leveraging data science for global good and contributing to pressing environmental and humanitarian issues.

HungerMap: Highlighting hunger hotspots for targeted aid and development in parts of North-Eastern Nigeria. A case study of Borno, Gombe and Adamawa states
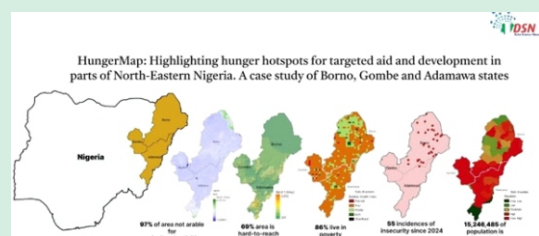
12.4 Inclusion of Dr. Olubayo Adekanmbi as a Senior Member in the International Scientific Report on Advanced AI Safety

Dr. Bayo Adekanmbi, our lead mentor, has been recognized as a Senior Member in the International Scientific Report on Advanced AI Safety.

This prestigious commission, organized by the hosts of the AI Safety Summit in the UK, is a significant accolade in the field of AI safety.

The report, formerly known as the "State of the Science" report, reflects Dr. Adekanmbi's expertise and contributions to advancing the safety and ethical considerations in artificial intelligence.

12.5 Appointment into the Bill and Melinda Gates Foundation GIST Geospatial Advisory Board Member

Dr. Bayo Adekanmbi, Lead Mentor and Founder at Data Science Nigeria, has been appointed as a member of the BMGF GIST Geospatial Advisory Board.

This appointment underscores the value of his extensive expertise and contributions to the field. The board, established to guide and enhance geospatial initiatives, is well positioned to benefit from Dr. Adekanmbi's insights and experience.

12.6 Interview Session by the Rest of the World magazine

Dr. Olubayo Adekanmbi was featured in an interview with "Rest of the World magazine", where he discussed the critical need for voice-based learning systems to advance AI adoption across Africa.

He highlighted the challenge of many African languages remaining undocumented and stressed the importance of developing AI solutions that accommodate this linguistic diversity.

For further details, please refer to the full interview **https://restofworld.org/2024/3-minutes-with-bayo-adekanmbi/**

Organizational Excellence:

Governance, Talent Development, and Cultural Evolution for Long-Term Success

13.1 Adoption of enterprise-wide Project Management tool, Zoho Project to strengthen operations

As an organization committed to continuous improvement and the adoption of advanced technology tools, we have implemented Zoho Projects enterprise-wide to optimize our operations.

This implementation enhances process efficiency, task monitoring, and project quality management across the organization.

Our dedication to leveraging innovative solutions supports our ongoing mission to drive meaningful impact and deliver exceptional outcomes for the communities we serve.

13.2 DSN 2023 Annual Board Meeting

DSN held its 2023 Annual Board Meeting, which assessed the past year's accomplishments and milestones.

This meeting provided a platform for the board to review progress, address challenges, and celebrate successes.

Through comprehensive evaluations and strategic discussions, board members offered guidance and expertise, shaping the organization's future direction.

As DSN moves forward, it remains committed to upholding core values, driving innovation, and achieving meaningful outcomes for the communities it serves.
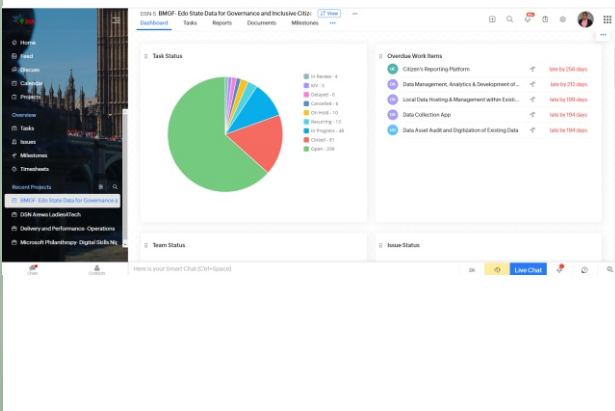
Internal engagements to drive culture development

DSN closed the year 2023 with a meaningful End-of-Year Staff Team Bonding Event, celebrated across three locations: Edo State, Kaduna State, and Lagos State. This event was more than a year-end gathering; it embodied our organization's core values and culture, emphasizing unity, gratitude, and shared experiences.

As we transitioned into the new year, this celebration served as a symbol of inspiration and togetherness, reinforcing our strong sense of community. The event highlighted the importance of internal engagement and camaraderie, equipping us to face new challenges and opportunities with confidence.

On February 14, DSN further embraced this spirit by celebrating Valentine's Day, fostering appreciation and unity among staff. These events, integral to our internal culture, strengthen the bonds that make DSN a supportive and collaborative workplace, setting a solid foundation for continued success and growth.

Internal solution capacity building for staff -
Microsoft Power Apps and DHIS2 Trainings

As part of our commitment to fostering innovation, enhancing operational efficiency, and advancing staff capabilities, DSN implemented a comprehensive training program focused on Microsoft Power Apps and DHIS2.

The eight-week intensive training on Microsoft Power Apps aimed to empower our team with skills to effectively use Microsoft 365 Power Platform tools. This initiative was designed to automate manual tasks and create custom applications, boosting productivity and supporting organizational growth.

In collaboration with Jīns Thomas, a leading expert in DHIS2, DSN also offered a dedicated two-week training program. This session focused on deepening our team's expertise in DHIS2 functionalities, enhancing our ability to deliver high-quality solutions for Nigeria's government.

The training, which combined lectures and practical demonstrations, significantly improved staff proficiency in Power Automate, Power Apps, and DHIS2.

This development not only advanced our technological capabilities but also reinforced DSN's position as a leader in leveraging technology for business success and supporting the government's health data management and analysis efforts.
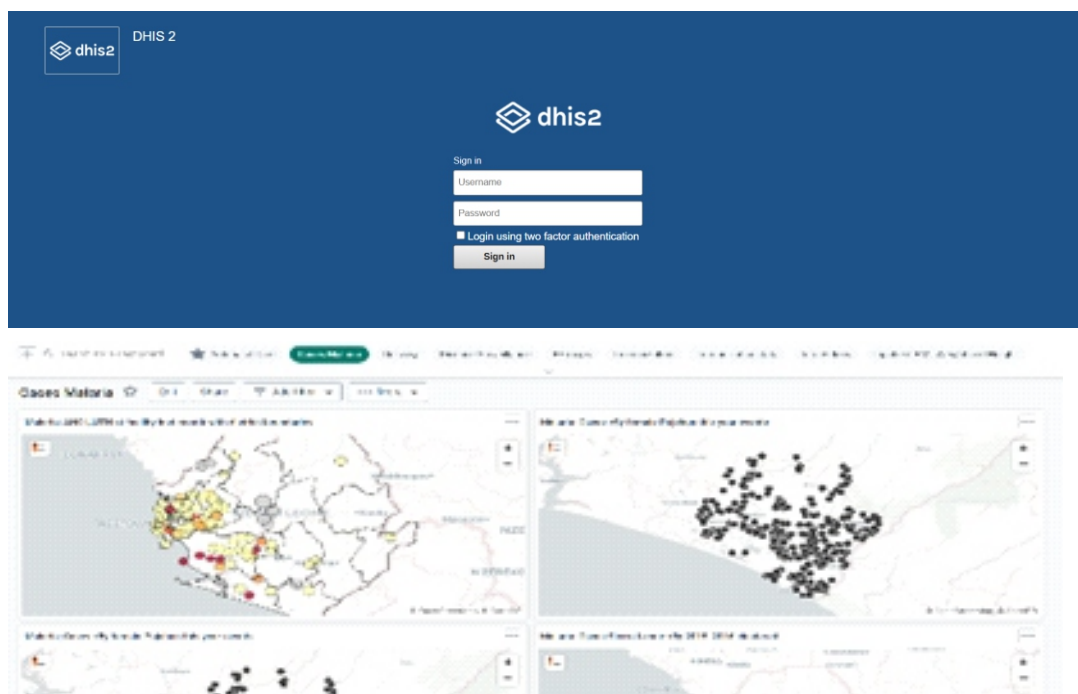
13.5 Open House-training session on soft skills -
Project Mastery and Delivery Excellence, Emotional Intelligence and Soft Skills

As part of our commitment to fostering personal and professional growth, DSN organized an open house workshop on emotional intelligence for all staff.

This successful session provided a valuable platform for learning and development, focusing on enhancing emotional intelligence and cultivating essential soft skills.

The workshop empowered staff members to better manage emotions, improve interpersonal relationships, and support both their personal and professional growth.

13.6 Expert Knowledge Sessions -
Natural Language Processing (NLP) and Large Language Models

DSN facilitated a 12-week masterclass on Natural Language Processing (NLP), led by consultant Dr. Victor Adelani, for its technical staff. This initiative aimed to enhance the team's capacity and skills in NLP, focusing on the development and application of language technologies to improve DSN's products and services.

The masterclass covered foundational concepts, advanced techniques, and practical applications, with an emphasis on working with diverse linguistic applications and leveraging state-of-the-art models and frameworks.

13.7 Masterclass Session on Generative AI

As part of DSN's commitment to learning and capacity building, especially in emerging trends, DSN conducted a masterclass on Generative AI, led by Dr. Ife Adebara.

This session provided the team with a comprehensive understanding of Generative Artificial Intelligence, focusing on its transformative potential and practical applications.

The knowledge acquired is expected to enhance DSN's capabilities in data analysis, product development, and AI-driven innovation, enabling the team to effectively integrate these advanced technologies into ongoing and future projects.

13.8 Release of whitepaper on Generative AI by DSN cohort 3 interns

DSN is leading the way in the Generative AI revolution, contributing significantly to research, development, and ethical implementation.

The white paper, authored by the second batch of 2023 DSN Interns on Research and Innovation, examines the transformative potential of Gene-rative AI across various sectors in Nigeria and beyond.

It provides an in-depth analysis of the technical landscape, its implications for newcomers in tech, and its applications in healthcare, pharma-ceuticals, music, energy management, and personalized healthcare.

Additionally, the white paper addresses ethical considerations, emphasizing the importance of responsible AI use and data privacy. This document underscores DSN's dedication to harnessing AI for social good and fostering innovation in Nigeria. **https://t.co/A7pE9EJZdB**

13.9 Talent Expansion-
Project Staff, Interns, MCF Associate and Strategic Consultants

In our unwavering commitment to growth and enhancing business support, DSN has strategically expanded its talent pool to drive innovation and excellence.

This expansion includes the addition of skilled Project Staff, a diverse group of Interns, and a distinguished Strategic Consultant, Dr. Ife Adebara. Dr. Adebara brings specialized expertise in Afrocentric Natural Language Processing (NLP), Computational Linguistics, and Deep Learning, which is vital for advancing our projects and research initiatives.

The inclusion of these new team members strengthens our capabilities in several key areas. Our Project Staff and Interns are engaged in high-impact tasks and contribute fresh perspectives to our ongoing initiatives.

Dr. Adebara's role as a Strategic Consultant enriches our approach to developing solutions tailored to the nuances of Afrocentric languages and enhances our overall proficiency in cutting-edge technologies. This strategic talent expansion ensures we remain at the forefront of innovation, driving our mission forward and supporting the successful delivery of our projects.

AI Clubs,
Learning Communities
and Campuses

Community spotlight -
Unique things done by our communities.

At DSN, our AI club and city communities are pivotal to our success. This year, we've organized numerous learning and research sessions to foster growth and innovation.

A highlight includes a mass AI training organized by our Francophone community in Niger Maradi, reflecting our mission to make AI knowledge accessible across language barriers. Our global network spans over 90 countries, exemplifying our commitment to a diverse and inclusive AI community.

Key achievements by our communities this year include:
· **Eniola Olaleye:** Secured first place at Indaba's in-house hackathon, with Paul Okewunmi placing third.
· **Tunga AI Hackathon:** OAU Community members Paul Okewunmi, Victor Olufemi, and Dunsin won this prestigious hackathon while Victor Olufemi ranks number one on Zindi Africa, a platform where data scientists collaborate to solve data science challenges.
· **Ololade Anjuwon:** Developed CROOL, an app leveraging computer vision to assist those with color blindness.

These accomplishments highlight our communities' dedication and talent, driving innovation and success in AI.

Research

Digitalization of low-resourced language -
Tangale corpus development

Data Science Nigeria is proud to highlight the innovative project for the development of a Po Tangle-English machine translation system. This initiative is led by Gideon George, Olubayo Adekanmbi, and Anthony Soronnadi is an important step in the preservation and promotion of the Tangale language.

The project focused on creating a functional Po Tangle-English machine translation system. This was achieved by refining a pre-trained M2M100 model using a dataset of 1,150 parallel sentences.

This effort was supported by 33 illustrious sons and daughters of Tangale. They diligently translated sentences from English into Tangale, making up the dataset used for the experimentation.

The successful development of the Po Tangle-English machine translation system shows that it is possible to use pre-trained models for languages where resources are scarce. Continued efforts will further improve accuracy and cultural sensitivity, promoting a diverse and inclusive digital future.

This initiative not only strengthens the Tangale language community but also sets a precedent for the preservation of other endangered languages, contributing to the rich diversity of Africa's linguistic heritage. **https://bit.ly/TangaleNLP**

Renewed focus on Large Language models and location insights

We have continued to push the envelope in our research and applications, particularly in the realm of Large Language Models (LLMs) and Geospatial AI, with a focus on practical, use-case-specific implementations that address the unique needs of our communities. Our pioneering work in developing Large Language Models (LLMs) for African Indigenous languages has taken center stage this year.

By focusing on languages that have historically been underrepresented in technology, these LLMs are designed to be versatile, and capable of supporting various applications such as enhancing educational tools, improving customer service interactions, and facilitating more effective communication in healthcare. In addition to our LLM initiatives, we have significantly extended our expertise in Geospatial AI and geo-analytics.

Our capabilities in this field enable us to harness the power of spatial data to drive socio-economic improvements. A prime example of this is our Data for Governance project in Edo State. Through comprehensive mapping and detailed geo-analytic assessments, we have provided stakeholders with critical insights into the state's landscape. This data-driven approach has revealed opportunities for revenue generation and business development, particularly across three pivotal areas of the state.

By identifying and understanding these potential growth regions, our stakeholders can make informed decisions that promote economic vitality and strategic development. Our dedication to research excellence was further highlighted by our participation in IndabaX, where our groundbreaking research works received prestigious recognition, delving into innovative applications of AI and data science within the African context.

Over the past year, we have collected voice data for our innovative solutions through audio journaling and studio voice recordings. Each method serves different aspects of our research and development needs, helping us build a diverse and robust dataset.

Our audio journaling initiative involves participants recording their daily activities using audio devices provided by our team. This method allows us to capture natural language use in a variety of everyday contexts, providing invaluable data for understanding real-world speech patterns, nuanced and infused with high-level, mid-level, lower-level language, and vernacular usage.

Participants from various demographic and geographic backgrounds contribute to the richness and diversity of our data, making it one of our most valuable assets for developing localized and personalized voice-driven applications. In addition to the audio journaling, we also engage in controlled voice data collection in our standardized studio located at Lekki, Lagos.

Here, volunteers are invited to participate in structured and closely monitored recording sessions to ensure high-quality audio output. Our team of highly trained studio personnel ensures audio data is recorded and produced according to world best practices, churning out audio/visual data of the highest quality. This controlled setting enables us to gather clear, clean, and precise speech samples, which are essential for training our models to comprehend and produce human-like responses in voice-based systems.

The dual approach of using both audio journaling and standard studio recordings allows us to maintain a flexible and comprehensive voice data collection system. Our efforts in managing and enhancing this data further empower our team to lead and innovate in the world of artificial intelligence.

AfroLLM

Building Large Language Models for Undocumented Languages in Emerging Markets

Financials

Total Income Resources (FY 2023/24)

Inflow	Amount	
	NGN	USD
Grants and Project Finance	2,080,708,501.69	2,491,717.89
Others Income	753,500	545
Interest Earned	61,174.15	39.83
Total Income Resources	2,081,523,175.84	2,492,302.55

Clients, Donors and Sponsors (FY 2023/24)

Name	Amount	
	NGN	USD
Pathfinder International	132,374,351.68	160,000.00
Microsoft	346,845,363.37	250,000.00
Bill and Melinda Gates Foundation	1,221,462,218.86	1,587,222.00
Google. org	358,284,953.00	480,000.00
International Trade Centre	8,868,385.27	6,097.00
Nvidia	4,573,229.51	3,000.00
Federal Government of Nigeria	5,000,000.00	3,255.38
Mastercard Foundation	1,996,500.00	1,650.00
Donation - Chuka Dean Ezeoguine	200,000.00	254.92
Donation - Lekan Akinsande	350,000.00	238.59
Revenue from Training/Other Income	753,500.00	544.83
Total	2,080,708,501.69	2,492,262.72

Expenses (FY 2023/24)

Expense Category	Amount	
	NGN	USD
Staff Welfare	1,825,000.00	1,216.67
Office Security Expenses	2,727,600.00	1,818.40
Local Travel-Staff	30,322,491.00	20,214.99
International Travel-Staff	13,273,131.60	8,848.75
Payroll Expenses	7,068,029.77	4,712.02
Contract Staff	201,917,445.92	134,611.63
Research Expenses	3,816,595.50	2,544.40
Branding and Publicity	18,799,137.60	12,532.76
General and Administrative Expenses	4,526,366.25	3,017.58
Repairs and Maintenance	1,266,999.41	844.67
Electricity Bill	359,100.00	239.40
Rent	29,255,666.66	19,503.78
Telephone-Communication	1,094,355.00	729.57
Bank charges	2,557,401.80	1,704.93
Legal and professional fees	2,943,750.00	1,962.50
Event Expenses	27,422,150.53	18,281.43
Sundry Office Expenses	471,609.58	314.41
Printing and Stationery	3,356,100.00	2,237.40
Platform Subscription	36,823,378.67	24,548.92
Hotel and Accommodation (Travel)	13,776,982.50	9,184.66
Logistics and Transportation (Non Travel)	2,783,597.25	1,855.73
Utilities	232,350.00	154.90
Award Expenses	3,001,513.40	2,001.01
Software & Application Development	15,612,100.00	10,408.07
Health Management Organisation - Staff	1,162,687.50	775.13
Project Equipments	40,993,824.59	27,329.22
Video Coverage, Photograph & Interview	13,616,457.00	9,077.64
License and Certificate	1,424,508.62	949.67
Contract/ Consultancy	387,081,931.04	258,054.62

Expenses (FY 2023/24)

Expense Category	Amount	
	NGN	USD
Training Expenses	6,018,675.75	4,012.45
Audit Fee	300,000.00	200.00
Insurance expenses	680,564.64	453.71
Fuel (Diesel & Petrol)	2,200,000.00	1,466.67
Gift/Donation Expenses	5,520,000.00	3,680.00
Fees & Levies Expense	631,713.21	421.14
Studio, Voice Over Recording	107,229,519.67	71,486.35
Business Premises and Dev. Levy	5,000.00	3.33
Direct Assessment (Tax)	149,580.00	99.72
Membership Subscription	165,000.00	110.00
Depreciation	22,518,792.00	15,012.53
Total Expenditure	**1,014,931,106.46**	**676,620.74**

Leadership Team

Advisory Board Members:

1. **Dr Kirk Borne - Advisory Board Chairman**
Chief Science Officer, Data Prime, Inc
Founder and Owner, Data Leadership
Group LLC

2. **Prof. Olayinka David-West**
Director and Fellow, Information System,
Lagos Business School, Lagos, Nigeria

3. **Dr Stephen Odaibo**
Founder, CEO, and Chief Software Architect
of Retina-AI, Houston, USA

4. **Dr Amina Sambo-Magaji**
National Co-Ordinator, Office for ICT
Innovation and Entrepreneurship (OIIE),
Nigeria

5. **Ngozi Dozie**
Director Carbon/OneFi, Nigeria

6. **Dr Jacques Ludik**
Founder of MIIA (President) & amp; CEO,
Cortex Logic Cape Town, South Africa

7. **Dr Elaine Nsoesie**
Boston University USA

8. **Dr Eric Sodomka**
CTO, Virtual Chair, USACTO, Virtual Chair,
USA

9. **Prof. Delmiro Fernandez-Reyes**
University College London, United Kingdom

10. **Shingai Manjengwa**
Founder, Fireside Analytics, Canada

11. **Frederick Lester**
Chief Data Strategist/ Analytics Executive
Rutgers University
Big Data Advisory Board Member & Chief Data
Strategist/Analytics Exec.,
Ulwazi Analytics International, Inc, USA

12. **Alex Tsado**
Co-founder, COO, CPO, Ahura AI, USA

13. **Uzo Mkparu**
Founder & CEO, Techscale LTD Member
Board of Directors, Preston Healthcare
Consulting, Nigeria

14. **Dr. Victor Odumuyiwa**
Ag. Director, NITDA IT Hub, University of Lagos,
Nigeria

15. **Prof. Sahalu Junaidu**
Director Institute of Computing and ICT
Head of Department Computer Science
Ahmadu Bello University Zaria, Nigeria.

Staff and Consultants

1. Dr Olubayo Adekanmbi
2. Toyin Adekanmbi
3. Chimaoge Esotu
4. Ajiola Enoch Oluwabukunmi
5. Chinazo Anebelundu
6. Temitola Olaitan Ajekiigbe
7. Aanu Joseph Oyeniran
8. Mayowa Micheal Sholola
9. Babatunde Temitope
10. Uche Edwin
11. Oluwaseun Nifemi
12. Kehinde Gbenga Olatoye
13. Anthony Chukwuebuka Soronnadi
14. Tobiloba Oyeniran
15. Odugbemi Segun
16. Oladele Abel
17. Tejumola Asanloko
18. Lawal Olanrewaju Israel
19. Toyib Biodun Ogunremi
20. Rashidat Damilola Sikiru
21. Serah Sessi Akojenu
22. Olamide Onayemi
23. Nasiru Olagunju
24. Omotayo Olorunfemi
25. Faith Alabi
26. Ijeoma Nwankwo
27. Olamide Shogbamu
28. Gideon George
29. Ibrahim Ahmad
30. Emmanuel Omorodion
31. Michael Adeniran
32. Ugochi Okafor
33. Oluwafemi Samuel
34. Tolani Fashugbe
35. Joshua Oduntan
36. Oluwole Oluwaseyitan
37. Tijani Ahmad Babatunde
38. Ajala Adeseye
39. John Raphel
40. Praise Adegoju
41. Abisola Olarenwaju
42. Godwin Adegbehinde
43. Oluwatobi Daniel Olayanju
44. Ewezu Ngim Ngim
45. Godsfavour Ehidiamen
46. Benedict Ajanaku
47. Omotowa Oluwatobi
48. Oghenetega Rega
49. Godsgift Briamah Eseoghena
50. Oluwatobi Adeyokunnu
51. Adejumobi Joshua
52. Emmanuel Bello
53. Similoluwa Okunowo
54. Flora Oladipupo
55. Chidinma Ahunam
56. Ukachi Eze Mbey
57. Olusola Owoso
58. Gabriel Olatunji
59. Ifeoluwa Adeyeye Kayode
60. Ibrahim Bashirudeen
61. Faiza Sani
62. Zainab Idris
63. Hauwa Abdulraheem
64. Ritmwa Noel Bewarang
65. Emmanuel Omorodion
66. Sarah Gandu
67. Patricia Idakwo
68. Uyi Okundaye
69. Faith Oseghale
70. Fidelis Nwaefuna
71. God'sgift Olomu
72. Priscilla Ezulu
73. Benjamin Shaibu
74. Ebuka Phillips
75. Daniel Ajieh
76. Pere Ganranwei
77. Jammal Shehu
78. Emmanuel Davis
79. Obisami Maria Temitope

Community Champions

Community Name	Full Name
• Campus-DSN UNIPORT	Jacia Ebubechi
• Campus-DSN FUOYE	Alagbe Oluwaseun
• Campus- DSN AAUA	Faith Olaoye
• Campus-DSN AAU	Grace Alele
• Campus-DSN BABCOCK	Oluwatosin Olajide
• Campus-DSN BELLS	Anjuwon Ololade
• Campus-DSN BOWEN	Daniella Afegbai
• Campus-DSN BUK	Faruq Ahmad
• Campus-DSN COVENANT	Sobande Teniola
• Campus-DSN EKSU	Praise Olawoore
• Campus-DSN FULokoja	Abdulsamod Azeez
• Campus-DSN FUTA	Omotosho Olalekan
• Campus-DSN FUTMinna	Waliulahi Ayomide Olanbiwoninu
• Campus-DSN IAI (Togo)	BOUAB Bligni Touafic
• Campus-DSN IlaroPoly	Esther Odunayo Oduntan
• Campus-DSN Landmark University	Dr. Moses Abiodun
• Campus-DSN OAU	Paul Okewunmi
• Campus-DSN OAUSTECH	Ibrahim ogunbiyi
• Campus-DSN OOU	Sakinat Oluwabukonla Folorunso
• Campus-DSN Summit University	Ayinla Ridwan Olayiwola
• Campus-DSN UNIBEN	Daniel Akhaubue
• Campus-DSN UNILORIN	Oluwapelumi Titilope Ogunremu
• Campus-DSN Unizik	Awopeju kabiru Abidemi
• Campus-DSN UNN	Ibekwe Kingsley
• City-DSN Abeokuta	Oluwadara Adepoju
• City-DSN Abraka	JohnPaul Hampo
• City-DSN Abuja	Gabriel Will
• City-DSN Bradford	Sebastian Obeta
• City-DSN Calabar	Joseph Edet
• City-DSN Dutse	SALISU IBRAHIM
• City-DSN Egbe .	Afolayan Stephen Oluwayomi
• City-DSN Enugu	Okorie Oluchukwu C
• City-DSN Hull (UK)	Dr Olawale Ogundeji
• City-DSN Ijebu-Ode	Michael Odebode
• City-DSN Jos	John Ebuga
• City-DSN Kaduna	Peter Okwukogu
• City-DSN Kampala (Uganda)	Andrew Tugume
• City-DSN Lekki-Ajah	Olusegun Adelowo

Community Name	Full Name
· City-DSN Lokoja	Gabriel Yashim
· City-DSN Magboro	Grace Falabi
· City-DSN Mostaganem	Amel LAIDI
· City-DSN Nairobi (Kenya)	Reuben Mwangi
· City-DSN Ondo	Nicholas Omo-Udoh
· City-DSN Ota	OLAJIDE DADA
· City-DSN Port Harcourt	Gospel Orok
· City-DSN Sokoto	Marcel Obinna
· City-DSN Somolu	Gabriel Olatunji
· Campus-DSN PAU	Mercy Abraham
· City-DSN Maradi (Niger)	Yusee Habibu
· Campus-DSN ATBU	Muhammad Adamu Dembo
· City-DSN Bamako	Bourama Fane
· City-DSN Bauchi	Awwal Dahiru
· City-DSN Benin	Adbeel Omiunu
· City-DSN Benin Republic	Ariane Houetohossou
· City-DSN Jibia	Mukhtar Yusuf Galadinchi
· City-DSN Kankia	Muhammad Bala Kado
· City-DSN Maritime Togo	Wachiou BOURAÏMA
· City-DSN Marrakech Morocco	Moad
· Campus-DSN UJKZ Ouagadougou	Hamed Joseph OUILY
· Campus- DSN EKSU	Honor-Jesus
· Campus- DSN FUTA	Oyelaja Iremide
· Campus- DSN Ilaropoly	Yosola Adekanmbi
· Campus- DSN UNIBEN	Obinna Chuks Muoananu
· Campus- DSN Unilorin	Radiance Babajide

List of
Partners

18.1 Organization/Project Partners

- Mainone
- Mastercard Foundation
- BMGF
- Zindi
- Google
- Nvidia
- ARM
- JP Morgan
- Enhancing Financial Innovation and Access (EFInA)
- Microsoft
- AI Common
- University College London
- Malezi Kenya
- Nigeria Exchange Group
- Nigeria Institute of Management
- Proshare
- Terragon Group
- Retina AI
- Blue Chip
- Shell
- Mind the Gap
- Communication and Market Research Group Limited (CMRG)
- Xlytics Innovation Limited
- OmniLearn Limited
- Market Equations Limited
- DiAnalytics Limited
- DOW
- HSDF
- Deep Learning Indaba X
- Softcom
- DKT
- Tulane University
- Enugu State SME Agency (Enugu State Govt)
- ITCraft
- DataCamp
- Reach 4 Digital Skills (R4dS)
- Kwara State Innovation Working Group
- Hub partner list
- TanzanAI Lab

- Groupe Aldelia Limited (Microsoft Affiliate)
- GEMS Focal Point in Nigeria
- Third Rock Techkno
- Eko Carbon & Commodities Exchange
- Havard-Partners Innovation
- Robotics and Artficial Intelligence In Nigeria (RAIN)
- Propel
- Nigerian British Chamber of Commerce
- Ayagigs
- dbt Lagos
- Michael Ekwo Foundation
- NessCrown
- CoinMARA
- Verraki (Talent Yaba)
- ByteDance (TikTok)
- PECB Partner Program
- First Bank
- Tony Blair Institute
- Bilikis Oladimeji (for University of Nigeria Nsukka)
- Nodex ihub
- Bootstrap Consulting
- Mobile Web Ghana
- CRC Data And Analytics
- Bolt
- Sterling Bank
- ACADIC
- Ingenium Legal Practice
- O.M. AWOSEYI & CO. (CHARTERED ACCOUNTANTS)
- LIRS Staff
- Zenith Bank
- Ayoba Platform (Main Contact)
- Ayoba Platform (Others)
- WorldPop
- Meta
- Pathfinder
- Grid3
- NatView
- ESRI
- Chevron
- GSMA
- Heirs Technologies
- Alt School
- Federal University of Agriculture, Abeokuta (FUNAAB

1. Dr Remy Sekou
2. Mr Emeka Okoye
3. Olanrewaju Oyinbooke
4. Oyelowo Ahmed
5. Dr Folorunsho Sakinat
6. Ezekiel Ogundepo
7. Olalekan Akinsande
8. Sanmi Koyejo
9. Toyin Aguda
10. Dr Kris Sankaran
11. Sophie Delaporte
12. DR. Romain Goldenberg
13. David Adelani
14. Pablo Gonzalez
15. Mr. Anthony Obi
16. Ismael Kone
17. Noel Abdullahi
18. Sebastian Obeta
19. Dr Elaine Nsoesie
20. Olutoyin Ogunmola
21. Pauline Okeyo
22. Toyosi Odukoya
23. Nazir Halliru
24. Elisha Odemakinde
25. Dr. Stephen Odaibo
26. Dr Odumuyiwa Victor
27. Jennifer Oyelade
28. Dr Girmaw Abebe Tadesse
29. Prof Kirk Borne
30. Henk Boleman
31. Elisha Odemakinde
32. Noel Abdullahi
33. Dr Folorunsho Sakinat
34. World Pop I
35. Ollie Pannell
36. Prof. Thomas Dietterich

1. Opolo Innovation Hub
2. Alpha Developers Hub
3. Outlier Hub
4. Living Faith Church
5. Foundation for Sustainability Science in Africa
6. Opolo Innovation Hub FU
7. DH, Bosso
8. SQI Coding School
9. 02 Innovations Lab
10. Centre for Information and Telecommunication Engineering
11. Covenant university
12. Federal University of Technology, Owerri
13. Agritech and Social Innovation Hub
14. Emmanuel Anglican Secondary School Hall
15. Ummatore Digital Technology And Innovation Drive
16. Alpha Developers Hub
17. EEE Dept., Lecture hall 2., Federal University of Technology Owerri
18. Nitda IT HUB, ABU
19. Binhussain Technologies and Consultancy
20. University multipurpose hall Federal university lokoja
21. Centre for Open and Distance Learning, University of Ilorin, Ilorin
22. Villax Data Science Hub
23. Summit University, offa
24. Thomas Adewumi University E-learning Lab
25. Otunba Gbenga Daniel Hall, OOU
26. Edtech Centre of Excellence
27. THE FEDERAL POLYTECHNIC ILARO, OGUN STATE, COMPUTER SCIENCE
28. God's Pride Schools, Ota
29. Adekunle Ajasin University, Akungba-akoko, Ondo state
30. SQI College of ICT
31. Entrepreneurship Centre
32. Stars College and Stars Innovative Academy Nur & Pry Sch
33. Western Youth Hub
34. Olabsis Onabanjo University
35. YALI Network Lagos
36. CodeSquad LLC

18.4 Volunteers/Tutors

1. Abiodun-Onajobi Treasure
2. Afolabi Akinola Samuel
3. Daniel Akhabue
4. Ezerioha Ifeanyi Emmanuel
5. Faith Olaoye
6. Falabi Opuere Grace
7. Hampo JohnPaul
8. Ibrahim Rabiu
9. Idowu Olaoluwa John
10. Imam Sadiq
11. Israel Olatunji Tijani
12. Julius Odunuga
13. Marcel Obinna
14. Mubar Dauda
15. Muhammed Abdulquadri
16. Mukhtar Mobolaji
17. Nurudeen Sambo
18. Oduyebo Victor
19. Oladele Yusuf
20. Olamilekan Omotosho
21. Oluchi Betty
22. Oluwafemi Abiona
23. Oluwapelumi Ogunremu
24. Omobolanle Komolafe
25. Opeyemi Ojo
26. Oswald Zion Onunwa
27. Praise Olawoore
28. Somanya Caleb Iheanyi
29. Umar Faruq Zubairu
30. Paul Umar
31. Joshua Dakim
32. Furqan Abdulfattah
33. Laraba Favour Abah
34. Ebuga John Saduna
35. Panshak Koproda
36. Bashirudeen Opeyemi Ibrahim
37. HonourJesus Bizalle
38. Ibrahim Ogunbiyi
39. Paul Okewunmi

18.5 Vendors

1. LetsNurture   -   SpotOn
2. Amcoderz Infotech   -   Microplanner
3. Systango   -   Microplanner
4. Ogeneseme Fidelis   -   Topclass Photography

Consultants

1. Parslab   -   DKT
2. Ayoleyi Lurogho   -   SpotOn

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