

# Nafisa Lawal Idris

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Current role

Experience

Technologies

Lead Data Scientist at Greysoft Technologies


Artificial Intelligence, Education, Augmented Reality, Business Intelligence, Machine Learning, Blockchain, Virtual Reality...

SQL, CSS, HTML, Python, Power BI, Scikit-Learn, Visual Studio, Git, MongoDB, Tableau, Excel, MySQL, NumPy, Pandas, Notion...

I'm excited to work for a fast-growing company because...

It offers a dynamic and challenging environment where innovation thrives. Being part of a rapidly expanding team allows me to continuously learn and make a significant impact

## Work experience

Lead Data Scientist, Greysoft Technologies 

Jan 2023 – Present (9m)

To Help People Leverage Technology For Improved Livelihood

Artificial Intelligence · Education · Augmented Reality · Business Intelligence · Machine Learning · Blockchain · Virtual Reality · Community

SQL

CSS

HTML

Python

Power BI

Scikit-Learn

Visual Studio

Git

- Promoted to Lead Data Scientist in 10 months, providing mentorship to a team of 5 data scientists and data analysts.
- Applied Artificial Intelligence (AI) and Machine Learning (ML) techniques to create 3 innovative tech solutions improving user experience and performance.
- Led the establishment of GreyAcademy, conducting 10 training programs and 15 free webinars, upskilling over 200 individuals in tech.
- Active participation in 4 community service initiatives, positively impacting 500+ lives in local communities.
- Formed 8 strategic partnerships, fostering growth in cybersecurity, health and agriculture sectors resulting in a revenue increase of 25%.
- Utilised research skills to deliver 15 time-critical solutions, meeting project deadlines and ensuring client satisfaction.
- Applied Data Mining techniques, extracting valuable insights from 100+ complex datasets, contributing to data-driven decision-making.
- Leveraged Data Science methodologies to solve 20 real-world challenges, improving processes and optimising business outcomes.
- Developed expertise in Big Data technologies, handling and processing 50+ terabytes of data efficiently, reducing processing time by 30%.
- Analysed and modeled structured data using advanced statistical methods, algorithms and software, achieving 98% accuracy in predictions.
- Created 5 innovative solutions, including proof of concepts and prototypes using Python leading to 3 successful product launches.
- Enhanced data collection procedures incorporating relevant information for building robust analytical systems and improving data quality.
- Conducted 5 capacity-building sessions, upskilling 30 program team members on research, data analysis and data science techniques.

## Data Scientist, Greyssoft Technologies

Mar 2022 – Dec 2022 (9m)

Discover the limitless possibilities with Greyssoft.

Artificial Intelligence · Education · Augmented Reality · Business Intelligence · Virtual Reality · Data Analysis · Community

MongoDB

Python

Tableau

Excel

MySQL

NumPy

Pandas

Notion

- Analyzed and processed 50TB of big data using Python, R, SQL, and Excel, generating valuable insights for 7 projects.
- Collaborated with a team of 8 to develop data analytics solutions using PowerBI, Tableau, and Excel, enhancing management's data visualization capabilities.
- Conducted comprehensive business analysis, resulting in a 20% increase in efficiency and addressing 5 urban and rural challenges.
- Made significant contributions to implementing the Metaverse in Kaduna State, impacting 500,000 individuals and improving livelihoods.

## Trade and Policy Officer (TPO), Kaduna Investment Promotion Agency – KADIPA

Jul 2021 – Dec 2022 (1y 5m)

One-Stop Investment Centre for business and investments

Governments

Google Analytics

Excel

Google Sheets

Canva

Zoom

- Attracted 20% more new businesses to Kaduna State through the implementation of a business-friendly policy framework.
- Improved investment review process efficiency by 50% through the adoption of a digital record-keeping system.
- Trained and empowered a team of 5 registry staff members on using the digital record-keeping system effectively.
- Successfully managed the development and implementation of a new Ginger Policy and Investment Policy for the state.
- Established a proactive engagement framework with the Federal Government and its agencies, enhancing KADIPA's investment promotion efforts.
- Achieved a 95% success rate in resolving issues with incoming investor submissions.
- Reduced the time required for investment project review and approval by 30% through streamlining processes.
- Conducted research leading to the creation of an attractive and competitive business climate, resulting in the establishment of 10 new businesses in the state.
- Boosted investors satisfaction by addressing inquiries and resolving issues promptly, leading to a 25% increase in positive feedback.
- Led the planning and execution of various events, resulting in a 50% increase in community engagement and awareness of KADIPA's services.
- Influenced policy decisions through successful negotiations and data-driven recommendations, leading to the implementation of policies that improved efficiency and effectiveness.
- Developed and implemented innovative program ideas, expanding program reach and impact by 20%.

## Data Scientist, CoLab Innovation Hub, Kaduna

Nov 2020 – Dec 2021 (1y 1m)

Innovation hub and a collaborative community for startups

Education · Networking · Community

SQL

Python

Tableau

R

Postgres

Excel

Power BI

MySQL

- Developed and delivered over 30 high-quality written technical reports, creatively visualising data findings in various formats, resulting in clear and effective communication of findings to management.

- Conducted training sessions for 100+ team members at Colab Innovation Hub, enhancing their data analysis and visualisation skills, fostering a data-driven culture across the organisation.
- Successfully completed 72+ projects, collaborating with cross-functional teams to provide data-driven solutions that addressed challenges faced by startups and entrepreneurs in the tech ecosystem.
- Created 20+ visually appealing and interactive data dashboards, enabling better understanding and interpretation of complex data and aiding in pitching ideas to potential investors and partners.
- Actively participated in 300+ meetups, expanding Colab's network and promoting the hub as a center for innovation and knowledge exchange among entrepreneurs and creatives.
- Established partnerships with 20+ startups and organizations, further strengthening Colab's position as a vital player in building the technology ecosystem in northern Nigeria.
- Mentored and guided aspiring data scientists and analysts in talent acceleration programs, contributing to the growth of 10+ skilled professionals in the tech industry.
- Provided data analysis and visualisation services as a consultant to external clients, generating additional revenue for Colab and extending its impact beyond the immediate community.

### Data Analyst, Universal Learning Solutions

Apr 2018 – Mar 2021 (2y 11m)

Two key factors lead to reading fluency  
Education

Excel Power BI MatLab DAX

- Utilised automated tools to extract and analyse data from primary sources, resulting in a 40% reduction in data collection time.
- Conducted data analysis to assess the quality and meaning of data, ensuring a data accuracy rate of 95% and enhancing the reliability of findings.
- Developed and maintained databases and data systems, reorganising data in a readable format, improving data accessibility by 50%.
- Provided regular annual reports and analysed the impact of the Jolly Phonics program on over 1200+ primary two pupils in Sokoto State, achieving a 15% improvement in reading and literacy scores.
- Assisted with gathering relevant information and ensured a thorough understanding of project requirements, contributing to the successful execution of the Jolly Phonics Project, resulting in a 90% completion rate.
- Created quarterly reports and charts, facilitating management's understanding of the program's impact and leading to a 25% increase in program effectiveness.
- Collected, analysed and stored data in an organized fashion, reducing data retrieval time by 40% and enhancing data management efficiency.
- Interpreted the results of data analysis using statistical techniques and provided ongoing reports, enabling informed decision-making and strategy development that led to a 30% increase in program reach and impact.

### Data Analyst, Startup Arewa

Sep 2019 – Oct 2020 (1y 1m)

Ecosystem that stimulates tech entrepreneurship & growth  
Networking · Community

Google Analytics Postgres Excel Power BI MySQL MatLab

- Leveraged Excel and Microsoft Power BI to perform data analytics and generate valuable insights, contributing to 20% faster decision-making within the organisation.
- Conducted data analysis on various programs and initiatives, providing actionable recommendations that led to a 15% increase in project effectiveness and efficiency.
- Developed interactive and visually compelling data visualisations, resulting in a 30% improvement in management understanding of complex information.
- Collaborated with cross-functional teams, gathering and analysing data to contribute to the development of strategies and plans for 10 Startup Arewa's projects.

- Played a key role in evaluating the T19K Tech Bootcamps and other programs, providing data-driven feedback that led to a 25% enhancement in program outcomes.
- Supported the Arewa Innovation Fund by analysing funding requirements, tracking disbursements and ensuring 100% efficient fund allocation.
- Assisted in the compilation of monthly and annual reports, providing accurate and insightful data to management and investors, resulting in increased investor confidence.
- Conducted data quality checks and data cleansing processes, maintaining the integrity and reliability of the organisation's data with a 99% accuracy rate.
- Utilised Microsoft Office suite to create 50+ comprehensive documentation and reports for data analysis and insights.

### Medical Records Officer, Kakaki Hospital

Oct 2018 – Jul 2019 (9m)

Healthcare

Excel

- Improved patient care and satisfaction by ensuring that medical records were up-to-date and accurate, resulting in a 10% increase in patient satisfaction scores.
- Implemented a new filing system and archive maintenance system, leading to a 25% reduction in the time spent searching for medical records.
- Trained and mentored two new medical records staff members, increasing the efficiency of the medical records department by 20%.
- Resolved issues with access to medical records by maintaining accurate documentation and implementing new protocols, resulting in a 15% increase in the number of records that could be accessed within 24 hours.
- Successfully decreased the number of lost or misfiled records by 50% through the implementation of new tracking and organisation systems.
- Conducted thorough reviews of patients' records for completeness, accuracy and compliance with regulations, ensuring the quality and reliability of patient care.
- Efficiently entered data electronically as needed, improving the accuracy and efficiency of patient record-keeping.
- Compiled monthly medical statistical reports for statutory bodies, providing valuable insights into hospital performance.
- Ensured elaborate medical records were available for HMO patients, improving the provision of care for these patients.
- Initiated the medical record process by creating and processing patient care record folders electronically, enabling the efficient management of patient care.

### Data Entry, National Teachers' Institute, Kaduna

Jun 2015 – Nov 2015 (5m)

To serve as a Distant Learning Educational Institution  
Education

Excel

- Achieved a 20% increase in the accuracy of student enrollment and output records by implementing a new data entry system.
- Improved the efficiency of data analysis by 50% by developing a new methodology for organising and categorising information.
- Created a comprehensive database of student enrollment and output for the institute's programs from 2005 to 2015.
- Resolved data discrepancies and errors by conducting thorough audits and implementing corrective measures.
- Decreased data entry errors by 30% by implementing a quality control system.

- Volunteered to lead a project to update the institute's statistical data for all programs.
- Influenced the implementation of new data management policies by presenting my ideas to senior management.
- Increased the reliability of the institute's statistical data by conducting regular updates and verification.
- Negotiated with vendors to secure the best price for software licenses needed for data management and analysis.

## Education

**Nigerian Defence Academy, Kaduna**

Jan 2020 – Sep 2021 (1y 8m)

Post Graduate Diploma (Upper Credit ) Management

**Ahmadu Bello University, Zaria**

Nov 2012 – Oct 2016 (3y 11m)

Undergraduate Degree (3) Statistics

## Snippets

### Personal Blog

I was the launch manager for an AI-driven chatbot and developed data visualisation tools for business analytics.

## More about me

### My biggest achievement is...

Contributing to Kaduna State's groundbreaking implementation of the Metaverse, expanding digital access for improved livelihoods.

### The coolest side project I've built is...

An AI algorithm that optimises investment portfolios based on individual risk profiles and financial goals. This algorithm considers historical market data, risk tolerance and investment preferences.

### Interests

Reading, community service, exercising, cooking, traveling, photography, mentoring, learning new ideas, teamwork, organising team. Interested in tech, women in tech, entrepreneurship, art & design.

### I want to work for a company that...

Values diversity, embraces creativity, and offers opportunities for personal and professional growth.

### I'm excited to work for a fast-growing company because...

It offers a dynamic and challenging environment where innovation thrives. Being part of a rapidly expanding team allows me to continuously learn and make a significant impact