

ANANTI SANDRA

 sandraananti1581988@gmail.com |  [LinkedIn](#) |  [GitHub](#) |  [Portfolio](#)

Professional Summary

Data Scientist and Machine Learning Enthusiast with a strong foundation in statistics, predictive analytics, and data visualization. Skilled in developing machine learning models, performing exploratory data analysis (EDA), and building interactive dashboards to solve real-world problems. Experienced in Python, Power BI, TensorFlow, PyTorch, Pandas, NumPy, and Scikit-learn with applications across health, business, and technology. Adept at collaborating with cross-functional teams to deliver scalable, impact-driven solutions.

Key Skills

- **Data Science & ML:** Machine Learning, Deep Learning, Neural Networks, Predictive Analytics, EDA
 - **Programming & Tools:** Python, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Streamlit, Power BI
 - **Data Analysis & Preprocessing:** Cleaning, transformation, feature engineering, exploratory data analysis (EDA)
 - **Business & Research:** Data Storytelling, Stakeholder Engagement, Market & Trend Analysis
 - **Soft Skills:** Critical Thinking, Communication, Problem-Solving, Team Collaboration
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Professional Experience

Data Scientist – IBT Learning Africa

Remote | Feb 2025 – Present

- Develop machine learning models for health-tech and ed-tech solutions, focusing on predictive analytics and recommendation systems.
- Lead data storytelling projects, visualizing insights with Power BI & Streamlit to enhance decision-making.
- **Deploy machine learning models into production using Streamlit Community Cloud**, ensuring scalability and usability.

- Collaborate with cross-functional teams to deliver end-to-end data-driven projects.

Cybersecurity Analyst – High Impact Careers, UK

Remote | Apr 2023 – Jun 2023

- Reduced cyberattacks by 90% using IDS/IPS, Firewall, WAF, and Network Segmentation.
- Conducted cybersecurity awareness training via KnowBe4, increasing employee phishing detection.
- Secured multi-cloud environments (AWS, Azure, GCP) with encryption, access controls, and MFA.

Technical Assistant – Projektlink Konsult Ltd

Abuja, Nigeria | Oct 2018 – Mar 2023

- Conducted research & data analysis to deliver strategic insights.
- Digitalized company records, ensuring accurate and up-to-date databases.
- Supported human capital development programs, including finance and management training.

Assistant Statistician – NOSDRA

Abuja, Nigeria | Nov 2017 – Oct 2018

- Delivered statistical reports that improved decision-making efficiency.
- Enhanced research team communication efficiency by 40%.
- Performed advanced data analysis using Power BI.

ICT Lab Assistant – FCTA Abuja

Jul 2012 – Jun 2013

- Improved ICT system uptime by 12% through predictive maintenance.
- Supported staff training in ICT tools and systems.

Farmers Database – Federal Ministry of Agriculture

Oct 2011 – May 2012

- Conducted data collection & visualization to generate insights for agricultural policy.
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Selected Projects

- **Weight Loss Food Recommendation & Calorie Tracking App (Streamlit):** Predictive model for calorie tracking and healthy food suggestions.
 - **Diabetes Prediction Model:** Machine learning model to classify diabetes risk using health metrics.
 - **COVID-19 Case Prediction Dashboard:** Interactive dashboard for visualizing and forecasting COVID-19 trends.
 - **Credit Card Fraud Detection Dashboard:** Built an ML-powered dashboard for detecting fraudulent transactions.
 - **Customer Churn Predictor:** Designed and deployed a predictive model for customer retention.
 - **HSI_Forecast_stock_exchange_prediction:** Developed stock market forecasting model for Hang Seng Index using ML & time series analysis.
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Education

- **Higher National Diploma (HND) – Statistics** – Federal Polytechnic Nasarawa (2017)
 - **National Diploma (ND) – Statistics** – Niger State Polytechnic (2011)
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Languages

- English – Native