

NDIBE, IFEOMA MARYANNE

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PROFESSIONAL SUMMARY

Result-driven Data Scientist, Analyst, and Statistician with 13+ years of progressive experience in analyzing and interpreting high volumes of complex data across diverse project phases. Proven work experience spanning across the private and public sectors providing adequate data analysis and actionable insights for decision-makers and stakeholders. Demonstrates expertise in leveraging positive analytical thinking, machine learning, problem-solving orientation, research knowledge, fast-learning capacity, and team management skills to enhance productivity and operational efficiency. Seeking continuous professional progress, eager to advance organizational goals and implement innovative business solutions.

CORE COMPETENCIES

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|-----------------------------|---------------------------|---------------------------|-------------------------------|
| • Data Science | • Data Analysis | • Machine Learning | • Natural Language Processing |
| • Data Visualization | • Database Administration | • Business Intelligence | • Modeling Evaluation |
| • Business & Trend Analysis | • Regression Analysis | • Monitoring & Evaluation | • Feature Engineering |
| • Time Series Analysis | • Data Cleaning | • Clustering | • Dimensionality Reduction |
| • Statistical Modeling | • Supervised ML | • Unsupervised ML | • Exploratory Data Analysis |

TECHNICAL SKILLS

- Programming Languages (Python)
- Database: Microsoft SQL, PostgreSQL
- Machine Learning: Scikit-learn, TensorFlow, Pytorch
- Other Software such as Tableau, Microsoft Power BI, Seaborn, Matplotlib, NumPy, and Pandas (Software).
- Collaborative tools (Slack, Team Viewer, Google meet, Zoom), Microsoft Office tools (MS word, Excel, PowerPoint) and Google Suites (Doc, Sheet, Slide)

PROFESSIONAL EXPERIENCE

Data Scientist Consultant (Part-time, Remotely) – 10Alytics, UK

April 2023 – Present

- I analyzed employee data using PostgreSQL, thereby identifying the top performers and areas for improvement. This greatly contributed to an increase in employee productivity by 12%.
- I conducted an in-depth data analysis on different data using SQL, Tableau, and Python to identify key insights and trends, resulting in a 16% increase in the overall customer retention rate.
- I developed forecast models to predict sales, future customers, and products, using advanced statistical methods in Python, Excel and Tableau, providing organizations with accurate predictions to inform inventory management and resource allocation. Achieved a 10% improvement in forecasting accuracy.
- Collaborating with a cross-functional team of senior data scientists and analysts in working on a variety of complex and challenging problems.
- I developed and deployed machine learning models for various business applications, including predictive modeling that improved accuracy by 25%, resulting in a 10% increase in inventory management efficiency.
- I developed a customer churn prediction model with an 55% accuracy rate, leading to a 5% reduction in customer attrition.
- I created customer segmentation models that enhanced targeted marketing efforts, resulting in a 10% increase in campaign response rates.

Data Analyst (Remotely) – 10Alytics, UK

April 2023- June 2023

- I conducted comprehensive analysis of e-commerce data, revealing product insights, regional revenue trends, and customer segmentation opportunities using PostgreSQL. These insights led to a 15% increase in online sales.
- I collaborated with cross-functional teams to identify areas for improvement by conducting an extensive analysis of critical metrics and KPIs related to user acquisition, retention, and monetization.
- I created interactive and visually engaging data dashboards using Excel and Tableau to facilitate data exploration and strategic decision-making, which improved data accessibility by 30%, enhancing organizations' ability to monitor and analyze key metrics.

Assistant Chief Executive Officer – Federal Ministry of Labour & Employment, Anambra State Nigeria. **Jan 2022 – till date**

- I effectively deliver on tasks such as successfully coordinating activities for training over 800 graduates on Employability Skills in Anambra State, thereby job matching with vacancies and decreasing unemployment rate in the state by 5%.
- Implement machine learning algorithms that match job seekers with suitable employment opportunities based on their skills, qualifications, and preferences. This reduced time to hire and job seeker satisfaction by 10% and 5% respectively.
- I collaborate with the Skills Certifications & Development Department on training over 200 individuals on skills acquisition in different trades which led to 30% increase in revenue through issuance of trade testing certificates.
- I collect, analyze, visualize, present and interpret data on Labour statistics and employment areas for future referencing and decision-making using Excel, PostgreSQL and Power BI as this revealed a decline in employment rate at 2%.
- I deploy machine learning models to analyze labor statistics for insights into workforce diversity and inclusion, identify patterns related to gender, ethnicity, or other demographics to inform policies which led to a 3% rise in diversity and inclusion.

Principal Executive Officer I & II – Federal Ministry of Labour & Employment, Nigeria. **Nov 2017 – Dec 2022.**

- I organized and coordinated capacity building trainings for selected staff members within and outside the state.
- I carried out registry management and onboarding of new employees, this led to 3% increased efficiency and productivity.
- I coordinated senior & junior staff activities to ensure efficiency, this increased staff productivity rate from 25% to 65%.
- I managed the state NELEX web portal and on the job center where employees come to register for job vacancies.
- I manage and maintain personal information with utmost confidentiality, led to enhanced professional relationships by 10%.

Higer Statistical Officer – Anambra State Bureau of Statistics, Nigeria **Dec 2013 – Oct. 2017**

- I engaged in surveys activities, which data collected was used to collate and analyze hidden patterns and trends in the different public, health and educational sectors within the state, the insights revealed an increase in data compliance rate from 10% to 25%.
- I successfully conducted and supervised field enumeration exercise for Anambra State GDP survey for 2014 – 2016. This resulted to a steady growth in GDP from 8% to 15%.
- Utilized forecasting for precise predictions using Excel and, leading to more informed decisions and resource optimization using data collected from the field. Recommendations and strategies formulated based on data-driven insights resulted in a 15% increase in state revenue.
- I collaborated with different teams (teamwork) to collect and analyse data created data dashboards, data storytelling, visualizations and data analysis for different uses.

PROJECTS:

- Ndibelfeoma/Customer-Churn-Project: A project on Customer Churn - Machine Learning (github.com)
- Ndibelfeoma/CUSTOMER-SEGMENTATION: A project on Customer Segmentation - Using Machine Learning Models to understand customers behaviour, preferences and enhance customer satisfaction. (github.com)

SERVICE AWARD

- Certificate of merit for exemplary service and dedication to duty **2016**
(Anambra State Government: African Public Day Celebration)

EDUCATION

- **PGD Statistics** - Chukwuemeka Odumegwu Ojukwu University Uli, Anambra State, Nigeria **2020**
- **HND Statistics** - Yaba College of Technology Yaba, Lagos State, Nigeria **2006**
- **OND Maths & Statistics** - Yaba College of Technology Yaba, Lagos State, Nigeria **2002**

CERTIFICATIONS AND TRAINING

- **Applied Data Science Lab** – World Quantum University (In-view), Nigeria **2024**
- **Data Science Training** – 10Alytics, UK **2023**