ABIMBOLA AYENI
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EDUCATION

Texas Woman's University, Texas   **August 2019 – May 2022**
Master of Science in Mathematics with emphasis on Statistics | **GPA: 4.0**
Minor: Informatics
Courses: Database Systems, Optimization, Machine Learning, Statistical Method, Probability & Statistics.

Obafemi Awolowo University   **May 2016**
Bachelor of Science in Computer Science and Engineering
Courses: Engineering Mechanics, Computer Systems, Data Structure & Algorithms, A.I Systems.

PROFESSIONAL EXPERIENCE

Intel Corporation   **June 2022 - Present**
Analyst- OpenVINO
- Analyzing the correlation between product usage and customer interactions using query analysis language - SQL and cloud computing platforms.
- Implementing sentiment analysis to product survey to analyze feedback on customer likes and dislikes of the product.
- Analyze data from 25000+ active users and used outputs to guide marketing and product strategies leading to increase in average software engagements and reduction in drop off rates by 30%
- Analysis of telemetry data to understand how trends in customer visits convert to increased product usage.
- Manage regular (quarterly) CSAT survey to gauge customer satisfaction and identify areas for improvement.
- Use data-driven insights to collaborate with key stakeholders to resolve any operational concerns or gaps in tool usage, product download, newer product versions and related process.
- Reviewing of existing product versions, and analyzing customer data to identify market trends, insight and areas for improvement.

Micron Technology   **April 2022 – June 2022**
Inventory Optimization Analyst
- Applied machine learning algorithms to analyze and forecast data to help improve business decisions.
- Coordinated with members to help identify high, low demands of inventory, obsolete inventory, and disposing/reallocating accordingly.
- Collaborated with planning, sales, and finance team members to resolve any operational concerns or gaps in inventory related process.

Texas Woman's University, Denton, Texas   **August 2019 – May 2022**
Graduate Teaching Assistant - Data Analyst
- Applied Machine Learning algorithms and concepts such as Linear regression, logistic regression, Random Forest, dimensionality reduction, feature selection in statistical knowledge on datasets to build models with accurate predictions.
- Implemented Linear/non-linear regression, classifying and modeling predictive algorithms for datasets.
- Applied concepts of descriptive statistics, R-squared, P-value, Correlation, ANOVA and Inferential statistics to extract interesting findings through comparison.
- Evaluated, performed data visualization techniques using Tableau, Power BI to maximize work and output.
- Synthesized and consolidated findings and recommendations into data presentation format using Excel, Tableau & PowerPoint.

Federal Ministry of Labor, Nigeria   **July 2017 – July 2019**
Data Analyst
- Analyzed quantitatively and qualitatively 24,500 samples of dataset using Python, Tableau and SQL to evaluate factors leading to an increase in overall performance of enrolled students.
- Implemented an improved student training curriculum, which resulted in a 20% increase in enrollment.
- Optimized data collection procedures and generated data reports & presentations on a weekly, monthly, and quarterly basis.

PZ Cussons Lagos, Nigeria   **July 2016 – June 2017**
Business Analyst
- Performed predictive analysis on new products release using Scikit-learn KNN algorithm and visualization using Tableau.
- Monitored and reported performance, ensured system availability and reliability in assisting clients and maintain 70% daily productivity.

PROJECT EXPERIENCE

- Analyzed, tested variables, and built a regression model on factors contributing to students' academic performance in STEM courses.
- Provisioned a functional relational database using MySQL, developed used case resolution functions such as complex queries, sub queries and nested conditional statements on an educational dataset for user interoperability.
- Implemented SQL subqueries, window functions, advanced join on a DVD Rental Database, maximized work and output by representing the results using Excel, Tableau and Power BI.
- Analyzed R and SAS meta-data from a medical industry to predict heart failure rates in patient population.

SKILLS AND COMPETENCE

- Data analysis, collection, cleaning, visualization, statistical, database management and organizational skills.
- Goal oriented, team player (in person & virtual), excellent communication (verbal & written), with project management and presentation skills.
- Ability to work independently, manage multiple work streams effectively and provide timely updates to leadership.

TECHNICAL SKILLS:

SQL(MySQL) | Python | Numpy | Pandas |Matplotlib | SPSS | R-Studio | Tableau | Microsoft Office | Machine Learning | Scikit-Learn | SAS | Power BI | Data Studio | Google Analytics | AWS | Content Square | Google Search Console |Big Query | GCP |Adobe Analytics

ADDITIONAL ACTIVITIES

- Member, National Society of Black Engineers.
- Member, National Society of Leadership and Success.