Alex Adenuga

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DATA ANALYST/SCIENTIST

Dynamic and results-oriented Data Scientist with a proven track record in Python, R programming, Power BI, and SQL. Eagerly seeking an engaging role that will harness my expertise in building robust statistical models and implementing predictive analytics. Armed with a keen ability to translate complex data into actionable insights, I am poised to contribute significantly to the strategic objectives of corporate organizations by leveraging cutting-edge data science techniques. Ready for an active challenge that aligns with my passion for driving innovation through data-driven decision-making.

EDUCATION

Applied Modelling & Quantitative Methods (Master's Degree)   **January 2023 – December 2024**
Trent University, Peterborough - Canada

Statistics (Master's Degree)   **September 2017 – April 2019**
University of Ghana, Accra Ghana

Statistics (Bachelor's Degree)   **September 2010 – July 2014**
University of Ghana, Accra Ghana

WORK EXPERIENCE

Data and Information Systems Specialist, JA NEO, Peterborough, Canada   **April 2023 – Present**

- ✓ Perform report generation, data extraction, cleaning, and analysis for insightful business decision-making. Specifically, extracted, transformed, and cleaned data of historical donors. Insights from that were used to provide advice to guide future campaigns.
- ✓ Apart from data management and analysis, I conduct regular system audits to ensure the implementation of robust security protocols and manage and maintain user accounts on both Microsoft Office 365 and Salesforce.
- ✓ Analyzed the data from Microsoft security audit and provided recommendations that elevated the system security from 42% to 71%.
- ✓ Successful collaboration with partners at Belmar to migrate data from a divisional chapter to a national chatter, involving meticulous data extraction, cleaning, and alignment of migration objects to the existing objects at the national chatter.

Award Selection Automation Programming Support, Trent University, Canada   **May 2023– November 2023**

- ✓ As a key member of a collaborative team, I played a pivotal role in developing an Award Selection Automation Shiny App using R. My primary responsibilities included designing and building a robust database to store staff details and utilizing RSQLite for efficient data management.
- ✓ Created several functions and R packages to aid the internal processing of data to an effective automation process.
- ✓ Contributed to the enhancement of the Shiny App by introducing additional features, catering to the evolving needs of our users. I maintained a proactive approach to user feedback, incorporating iterative updates into the application to enhance its functionality and user experience.
- ✓ My commitment extended to providing continuous support for app development, addressing user inquiries, troubleshooting issues, and driving improvements based on valuable feedback.

Data and Reporting Analyst, Access Bank Plc   **March 20118 – November 2022**

- ✓ Developed and maintained Power BI dashboard reports that contained compliance and performance metrics for 552 branches, and regularly kept track of performance metrics on dashboards for management reporting. Provided recommendations to management based on insights from data for better service delivery in branches.
- ✓ Collaborated with cross-functional teams like the financial control team and Data Engineering Team to understand business requirements, collaborate on developing data extraction queries from the Oracle database based on analytical needs, and analyze data to generate reports for decision-making related to expense control in branches and budget maintenance.
- ✓ Write SQL queries to extract, transform, and load data from various sources into a structured format suitable for analysis.
- ✓ Created customer scripts and forms for urgent data collection from branches based on emergency information needs or financial breaches, Analyzed the collected data to explore the extent of damage or compliance, and advised management on indicative future steps upon deliberations.
- ✓ Build statistical models and perform data analysis using R programming and communicate results to stakeholders.
- ✓ Participated in UATs for new products to branches, critiqued and gave recommendations for a data perspective, and trained new employees who were either in training school or those deployed to the unit.
- ✓ Conducted in-depth data analysis to identify factors predicting customer behavior including payment behavior, purchase activity, delinquency trends, and write-offs.
- ✓ Prepared and delivered regular reports and presentations to senior management, utilizing data visualizations to communicate key findings, trends, and actionable recommendations effectively.

CORE SKILLS

- ✓ **Technical Skills:** Machine Learning (PCA, cluster analyses, decision trees, SVM, neural networks, ensemble methods), Data Mining, Big Data, Data Visualization, Generalized Linear Models, Time Series Analysis, Economic Research, Risk Modeling, Econometric modeling, Web-scraping , Cloud-based ETL
- ✓ **Programming Skill:** SAS, Python, R, Spark, SPSS
- ✓ **Data Visualization and Reporting tool:** Power BI, Tableau, Excel, Looker, Amazon QuickSight
- ✓ **Database:** MS SQL Server, Oracle SQL Developer, Redshift
- ✓ **Soft Skills:** Critical thinking, Problem-Solving, Active Learning, Effective Communication, Consulting, Ability to communicate technical and complex concepts to a non-technical audience

CERTIFICATIONS

- ✓ September 2022, The Ultimate MySQL Bootcamp (Udemy)
- ✓ July. 2022, Microsoft PowerBI Desktop for Business Intelligence (Udemy)
- ✓ January. 2022, Introduction to Programming Nanodegree (Udacity)
- ✓ July. 2020, Enterprise Design Thinking (IBM)
- ✓ June 2019, Associate Chartered Banker (Chartered Institute of Bankers of Nigeria)

TECHNICAL PROJECTS:

GitHub Repos: https://github.com/Alexadenuga?tab=repositories

Portfolio Website: https://alexadenuga.github.io