Shanikwa Haynes
Data Analyst

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PROFESSIONAL SUMMARY

Motivated professional with hands-on data analysis experience through academic projects, certifications, and responsibilities in education, logistics, and security operations. Skilled in SQL, Python, R, Excel, and Tableau with strong ability to clean, analyze, and visualize data for trend identification and decision-making support. Experienced in maintaining data accuracy, preparing reports, and identifying process improvements that drive efficiency across diverse environments. Strong communicator with proven problem-solving skills and commitment to applying analytical knowledge to business challenges. Seeking role to contribute technical skills.

SKILLS

- Languages: SQL, Python, R, HTML, CSS, JavaScript, Bash
- Tools / Platforms: Tableau, Excel, Microsoft Office Suite, Google Workspace, Infinite Campus, Learning Management Systems, Hootsuite

EDUCATION

Western Governors University   2025
Master of Science in Data Analytics, Data Science

Western Governors University   2025
Bachelor of Science in Business Administration, Business Management

Dalton State College   2021
Bachelor of Science in Criminal Justice, Minor in Psychology

CERTIFICATIONS

Google Data Analytics Professional Certificate, Coursera
Data Analytics Certificate Course, Break Into Tech

PROJECTS

Telecom Dashboard
- Designed an interactive Tableau dashboard with 4 visualizations (bar, histogram, circle view) to analyze churn by internet service, age, contract type, and region.
- Integrated KPIs including churn rate and average monthly charges to guide executive retention strategies.
- Applied accessibility best practices including colorblind-safe palettes and tooltip enhancements to increase interpretability.

Reducing Correctional Costs Through Data-Driven Recidivism Strategies
- Built a multiple linear regression model in R that explained 45.98% of variance in total state correctional spending ($p < 0.001$).
- Identified recidivism rate as the strongest predictor of spending, with each unit increase costing states ~$56.7M.
- Cleaned and standardized data from 50 states using R (tidyverse), resolving inconsistencies in fiscal year alignment, variable naming, and outlier detection.

WORK EXPERIENCE

Security Officer | Allied Universal | Dalton, GA   2024
- Leveraged site access data and incident logs to assess risk exposure, minimize unauthorized access trends, and enforce operational protocols that contributed to a 10% reduction in on-site security violations.
- Interpreted real-time incident response data to support conflict mitigation efforts, maintaining a 100% conflict resolution success rate while enhancing client-facing service strategies.
- Consolidated observational inputs into actionable summaries, enabling facility managers to address procedural gaps and enhance site-wide protocol enforcement.

Data Analyst | Freelance & Personal Projects | Dalton, GA   2023 - Present
- Developed comprehensive data analysis solutions using Python, R, and SQL for statistical modeling and predictive analytics across multiple domains.
- Created interactive Tableau visualizations and dashboards to communicate complex data insights to diverse stakeholders and support data-driven decision making.
- Performed extensive data cleaning, transformation, and validation processes to ensure high-quality datasets for analysis and reporting.