

Shanikwa (Nikki) Haynes

Data Analyst

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PROFESSIONAL SUMMARY

Security professional with a criminal justice background transitioning into data analytics. Skilled in SQL, Python, Tableau, and Excel. Applied data-driven analysis to reduce security violations by 10% and improve efficiency across security, logistics, education, and public service operations.

SKILLS

Programming & Databases: SQL | Python | R | Bash
Data Visualization: Tableau | Power BI | Excel | Streamlit | Plotly
AI & Machine Learning: Google Gemini API | Forecasting Models | Statistical Analysis
Business Intelligence: KPI Development | Dashboard Creation | Automated Reporting | Trend Analysis
Tools & Platforms: Git | Google Workspace | Microsoft Office Suite | Infinite Campus | Learning Management Systems

EDUCATION

Master of Science in Data Analytics, Data Science | Western Governors University Mar 2025 - Aug 2025
Bachelor of Science in Business Administration, Management | Western Governors University Sep 2024 - Jan 2025
Bachelor of Science in Criminal Justice, Minor in Psychology | Dalton State College Jan 2018 - May 2021

CERTIFICATIONS

Google Data Analytics Professional Certificate | Coursera Jan 2023
Data Analytics Certificate Course | Break Into Tech Apr 2024

PROJECTS

AI-Powered Business Intelligence Dashboard | Python, Streamlit, Google Gemini API, Plotly, Pandas, DuckDB | ai-bi-dashboard-yajxi5tkqxsrguy7yh8zu.streamlit.app/ Jan 2024 - Present

- Engineered an end-to-end BI platform resolving major data bottlenecks through DuckDB SQL engine integration, 15+ cleaning templates, and Gemini AI natural language processing for rapid analysis of 1M+ records across 6 industries
- Eliminated manual data preparation by developing an automated SQL cleaning module with validation logic, cutting data processing from 4 hours to 30 minutes and analysis from 3 days to 30 seconds with predictive accuracy metrics
- Deployed a scalable ETL pipeline supporting 1M+ rows with real-time visualization, outlier detection, and automated report generation in under 15 seconds across multiple export formats for business intelligence teams

Database Developer | Relational Database Design & Optimization | EcoMart E-Commerce Platform | github.com/ShanikwaH/WGU_Portfolio/blob/main/D597/summary.md Mar 2025 - Apr 2025

- Architected a normalized 3NF PostgreSQL database with 3 linked tables resolving inventory inefficiencies across 10,000+ online transactions and over 100,000 product records
- Optimized SQL query efficiency by applying advanced indexing to 7 high-use columns, improving execution time by 35% and implementing 3 reusable queries supporting data-driven business operations
- Implemented role-based access, horizontal scaling, and encryption frameworks, aligning database security and compliance standards with HIPAA-level data protection

WORK EXPERIENCE

Data Analyst | Freelance | Dalton, GA Jan 2023 - Present

- Developed and maintained 5+ interactive dashboards using Power BI, Tableau, and SQL with automated refresh pipelines, boosting dashboard reliability and real-time insights for stakeholders
- Designed meaningful visualizations and optimized reporting strategies, transforming complex datasets into actionable insights that enhanced strategic decision-making across business units
- Integrated 10+ diverse data sources through APIs and SQL queries, reducing query runtime by 40% and automating ETL workflows in Python for efficient report generation
- Collaborated with clients to define analytics KPIs, provide data-backed strategy recommendations, and implement business intelligence solutions aligned with organizational objectives

Security Officer | Allied Universal | Dalton, GA Jan 2024 - Apr 2024

- Leveraged SQL-based access and incident tracking systems to monitor risk exposure trends, achieving a 10% reduction in unauthorized access and improving client security performance metrics
- Interpreted and visualized real-time incident data, contributing to a 100% conflict resolution success rate while reinforcing client engagement through data-informed service strategies
- Consolidated incident and operations data into automated summaries, helping managers identify procedural weaknesses and strengthen compliance monitoring across all sites