

RAYSHAWN WILLIAMS

Analytical Data Scientist

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EXPERIENCE

Internship experience

House Of Pye Health Food Store

 05/2024 - 09/2024  Detroit, MI

- Analyzed customer purchasing patterns using statistical methods and Python, enabling the store to optimize product stocking, resulting in a 15% reduction in inventory costs
- Developed data visualizations using Tableau to present sales trends and health product demand, providing actionable insights for management to drive marketing strategies
- Cleaned and processed large datasets on customer behavior, improving data accuracy by 20% and enhancing the quality of predictive analytics for future inventory planning
- Collaborated with management to implement data-driven decisions, improving customer retention strategies and leading to a 10% increase in returning customers

Supervisor

Ford Motor Company

 04/2024 - 06/2024  Detroit, MI

- Utilized data-driven decision-making by analyzing key performance indicators (KPIs) and operational metrics to identify inefficiencies, enhance production quality, and achieve business targets
- Led cross-functional teams to improve operational efficiency, reducing production bottlenecks and optimizing workflows, resulting in a measurable increase in output
- Coordinated with multiple departments and stakeholders to ensure alignment of production goals and timely project execution, fostering teamwork and effective communication across all levels of the organization
- Trained and mentored team members, improving overall team performance and promoting a culture of accountability and continuous learning within the organization

Supervisor

Above & Beyond Construction

 06/2018 - 08/2022  Detroit, MI

- Led and coordinated scheduling for multiple construction crews, ensuring efficient task allocation and project completion
- Supervised and trained teams to meet safety standards and quality benchmarks, resulting in a 20% reduction in workplace incidents
- Conducted regular on-site quality assessments and implemented process improvements, leading to a 15% increase in project completion efficiency
- Collaborated with project stakeholders to ensure projects met budget and timeline expectations, leading to increased customer loyalty and repeat business
- Managed diverse construction projects, including carpentry, HVAC installations, electrical work, and plumbing, resulting in consistent high-quality work and client satisfaction

EDUCATION

Level of Degree (BS)

Howard University

 05/2023 - 05/2023  Washington, DC

Level of Degree (MS), Applied Data Science & Analytics

Howard University

 05/2025 - 05/2025  Washington, DC

SUMMARY

I am an analytical and detail-oriented professional with a strong background in economics, data science and business management. Seeking a data analysis role to apply my expertise in analyzing and manipulating data sets to tell a story. I'm a former athlete who loves the ideas of competitive excellence, leading a team, and time and data management.

KEY ACHIEVEMENTS



Cost Reduction Achievement

Optimized product stocking and reduced inventory costs by 15% at health food store.



Customer Retention Increase

Boosted customer retention strategies by 10% through data-driven decisions.



Production Efficiency Boost

Decreased production bottlenecks, resulting in an increase in output at Ford Motor Company.



Safety Standards Improvement

Achieved 20% reduction in workplace incidents by enforcing safety standards.

LANGUAGES

English

Advanced



SKILLS

Carpentry

HVAC

IAM

MongoDB

Predictive Analytics

Python

SQL

Tableau

R Studio

PROJECTS

Capstone Project

 02/2025 - Present  DC

Predict racial disparities in police killing

- 1 to 4 population ratio
- Logistic regression model predicts black killings correctly at a 93% rate

