



Ernest Sandoval

Manufacturing Data Analyst

CONTACT

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Beltsville, VA

EDUCATION

2020 - 2021

Certified Data Analyst (CDA)

Data Science Certification Institute

2014 - 2018

BS in Industrial Engineering

Virginia Tech, Blacksburg, VA

- GPA: 3.7/4.0
- Recipient of the Engineering Excellence Scholarship

AWARDS

- Received the "Innovative Process Improvement" award for implementing a data-driven approach to streamline production at InnoTech Manufacturing Solutions, 2023.

PROFESSIONAL SUMMARY

Proficient in data analysis, statistical modeling, and process optimization, seeking to apply expertise in driving insights and efficiency in the manufacturing sector. I enjoy participating in industry-focused hackathons, experimenting with emerging data analysis tools, and mentoring aspiring engineers and analysts.

EXPERIENCE

Manufacturing Data Analyst

2021 - Now

InnoTech Manufacturing Solutions, Beltsville, VA

- Devise predictive maintenance models, decreasing machine downtime by 18% and resulting in annual savings of 0,000.
- Lead a cross-functional team in implementing a real-time production monitoring system, improving overall equipment effectiveness (OEE) by 12%.
- Automate data reporting processes, reducing reporting time by 60% and enhancing data visualization for stakeholders.

Quality Assurance Analyst

2018 - 2021

Precision Engineering Dynamics, Charlottesville, VA

- Spearheaded the development of a data-driven quality control system, reducing defective product incidents by 22%.
- Collaborated with suppliers to optimize inventory management, leading to a 30% decrease in delivery discrepancies.
- Analyzed customer feedback data to identify trends, contributing to a 17% increase in customer satisfaction scores.

SKILLS

Data Visualization (Tableau, Power BI)



Statistical Analysis (R, Python)



SQL Database Management



Predictive Modeling



Lean Six Sigma Methodologies



Supply Chain Analysis



Root Cause Analysis

