

Joshua Grimes

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Detail-oriented professional with a robust background in data analysis, operations management, and education. Experienced in extracting, cleansing, and analyzing large datasets, developing metrics to drive process improvement, and maintaining accurate records to assess performance. Adept at utilizing tools like Python, SQL, Excel, and Google Sheets to deliver actionable insights and streamline workflows. Proven communicator with exceptional written and verbal skills, able to translate complex data into clear strategies for diverse audiences. Dedicated to achieving operational excellence and fostering continuous improvement in dynamic environments.

EXPERIENCE

Flatiron School - **Data Science Program**, New York, NY 06/2024 - Present

- Extracted, cleaned, and analyzed large datasets using Python and SQL to uncover insights, identify trends, and inform data-driven decision-making processes.
- Developed and maintained dashboards and metrics using tools like Tableau and Google Sheets, enabling efficient process tracking and facilitating strategic decision-making.

Math and Science Teacher, **Thales Academy**, Raleigh, NC 07/2022 - 06/2024

- Developed middle and high school math and science department with 100% pass rate for 100+ students
- Created and managed budgets for Math and Science Departments using Excel.
- Implemented new personal fitness program while mentoring 20+ students as the after school run club staff advisor
- Collaborated with principals and administrators to understand and implement new curriculum requirements, policies, and strategies to optimize student learning outcomes.
- Maintained comprehensive teaching records and used data-driven analysis to identify performance gaps, prepare targeted improvement plans, and achieve a 100% passing rate on end-of-course exams

Physics Teacher, **Lake Travis ISD**, Austin, TX 07/2021 - 06/2022

- Prepared comprehensive lesson plans and implemented engaging labs using college-level experimental design and scientific reasoning skills to prepare and save \$20k+ dollars in tuition for 170+ high school juniors and seniors
- Created interactive presentations using relevant software and technology (e.g. PhET, smart boards, etc.)
- Designed and distributed weekly newsletters to parents, effectively communicating deadlines, classroom updates, and key milestones to maintain transparency and engagement.
- Responded to and resolved parent inquiries via phone and email, providing timely updates on student performance, classroom activities, and learning strategies.

Biology Teacher, **Bastrop ISD**, Bastrop, TX 01/ 2018- 06/2021

- Highest End of Course scores of 1,000+ district students – increased scores by over 32% during tenure
- Administered assessments and provided leadership in the utilization of student performance data to customize and improve instruction as 1 of 3 district teachers chosen for development as an instructional “champion” in instruction
- Assigned to mentor and onboard new teacher hires in the responsibilities of the profession
- Advisor of the National Honor Society, guiding 50+ students to develop community service projects for community
- Developed and analyzed feedback forms to gather insights from over 850 students annually, using the data to refine teaching strategies and improve overall classroom effectiveness.

Air Transportation Supervisor, **Air Force Reserves** 2008 - 2012

- Collaborated with squadron leadership to understand new training requirements and translate them into actionable plans, ensuring alignment with mission objectives and operational standards.
- Developed and maintained metrics to track training effectiveness, assess performance shortfalls, and support process improvement and decision-making efforts.
- Managed and improved training processes, including scheduling, resource coordination, and tracking for over 40 airmen across multiple training modules, ensuring adherence to timelines and objectives.
- Maintained comprehensive training records and performed data analysis to validate training progress, prepare improvement plans, and ensure compliance with established standards.
- Scheduled and coordinated classroom and hands-on training sessions, including logistics planning for trainers, locations, materials, and attendance tracking.

EDUCATION

North Carolina State University, Raleigh, NC 12/ 2013

Bachelor of Science. - Fisheries, Wildlife, and Conservation Biology

Community College of the Air Force - Transportation Leadership 08/2014