

# JASON FOREMAN

Groves, TX | [www.jasonforeman.pro](http://www.jasonforeman.pro)  
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Detail-oriented and analytical former Biology Teacher with a Bachelor of Science in Biology, leveraging 7 years of experience in interpreting data, identifying patterns, and communicating complex information. Recently enhanced technical capabilities with a Google Data Analytics Professional Certificate learning skills in SQL, Tableau, and statistical interpretation to drive data-informed decisions. Seeking to transition expertise in research, analysis, and problem-solving into a new role. Eager to upskill.

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## SKILLS

- **Technical Skills:** Tableau, SQL, Google Sheets, Microsoft Excel, Python, Google Cloud Platform, Office Suite, Google Suite
  - **Data Concepts:** Data Validation, Data Cleaning, Data Transformation, Data Visualization, Statistical Analysis
  - **Analytical Skills:** Data Collection & Interpretation, Statistical Awareness, Problem Solving, Critical Thinking, Hypothesis Development & Testing, Research & Information Synthesis
  - **Professional Skills:** Communication (written & verbal), Presentation Skills, Reporting & Documentation, Attention to Detail & Accuracy, Collaboration & Teamwork
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## EDUCATION

### DATA ANALYTICS PROFESSIONAL CERTIFICATE

Google | 2025

### BACHELOR OF SCIENCE IN BIOLOGY

Lamar University | 2011 | Magna cum laude

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## EXPERIENCE

### PORTFOLIO PROJECTS

Data Analyst | <https://jasonforeman.pro> | 2025

- Developed and automated daily data pipelines including extract, transform, and load (ETL) via Python scripts and APIs.
- Designed and implemented normalized relational database schema using SQL, including lookup and junction tables.
- Engineered complex SQL Views with joins, aggregations, and window functions (LAG) to pre-calculate key analytical metrics (e.g., rank changes, platform overlap), optimizing query performance and enabling efficient trend analysis.
- Implemented data cleansing and schema management strategies within the pipeline, including handling stale data daily.
- Connected Tableau to the relational databases & built interactive dashboards to analyze data and present valuable insights.

### DEPARTMENT HEAD & BIOLOGY TEACHER

Port Arthur Independent School District | Port Arthur, TX | 2018 -2025

- Led a data driven team of professionals to collect, manage, track, and analyze student performance data for ~450 students annually using LMS, SIS, and Excel while ensuring data integrity and confidentiality.
  - Interpreted assessment data to identify learning trends, student needs, and areas requiring adjustments or interventions.
  - Developed and presented data summaries and reports on student progress to administrators, colleagues, and parents.
  - Utilized data insights resulting in measurable improvements in student understanding and test outcomes.
  - Communicated complex technology and science concepts effectively to diverse audiences with varying levels of prior knowledge.
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