

Sabrina Keller

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Professional Summary

Analytically minded graduate student pursuing an M.S. in Mathematics, with over a decade of experience in teaching, curriculum development, and educational data analysis. Proficient in Python, R, SQL and statistical methods, with a proven ability to draw insights from complex data and communicate them clearly. Seeking to leverage mathematical expertise and data skills to transition into a data analytics role.

Education

M.S. in Mathematics

Texas A&M University–Central Texas

Expected May 2026

M.S. in Mathematics

University of Texas at San Antonio

December 2011

Technical Skills

- **Languages & Tools:** Python, R, SQL, Excel, Jupyter, RStudio, pandas, matplotlib, seaborn, ggplot2
 - **Statistical Analysis:** Hypothesis testing, regression, time series
 - **Data Handling:** Data wrangling, cleaning, transformation
 - **Communication:** Data visualization, presentations, translating complex findings into actionable insights
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Relevant Experience

High School Math Teacher

South San Antonio High School | Aug 2017 – Present

- Analyzed student performance data using **Python and R** to identify at-risk students and tailor remediation strategies
 - Created dashboards and visualizations to track class progress over time
 - Managed classes of 50+ students while designing interactive, data-informed lesson plans
 - Collaborated with faculty to use assessment analytics for instructional improvement
- Result:** Student performance consistently exceeded district benchmarks on standardized tests

Curriculum Writer (Contract)

Progress Learning | Oct 2023 – Present

- Developed mathematically accurate, standards-aligned questions for courses from Algebra I to AP Calculus
 - Audited peer content for correctness, clarity, and alignment
 - Produced high-quality instructional videos to support independent learning
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Awards and Memberships

MENSA Qualifier