

CONNOR BENTON

EDUCATION

Kennesaw State University

Master of Science, Data Science and Analytics

Kennesaw, GA

August 2024 – May 2026

- **Relevant Coursework:** Mathematical Statistics, Statistical Computing and Simulation, Applied Regression Analysis, Programming in R, Python for Data Science, Applied Experimental Design
- **GPA: 4.0/4.0**

Kennesaw State University

Bachelor of Science, Mathematics | Minor: Applied Statistics & Data Analysis

Kennesaw, GA

August 2020 – May 2024

- **GPA: 3.7/4.0**

SKILLS

R (ggplot2, etc.), Python (numpy, pandas, scikit-learn, BeautifulSoup, etc.), SAS, SQL (basics), Excel, C#, C++, PowerBI (basics), Machine Learning, Mathematical Modeling, Data Visualization, Statistics
Public Speaking, University Lecturing, Adaptability, Teamwork, Analysis, Attention to Detail, Time Management, Presentations
English (native), Japanese (intermediate)

WORK EXPERIENCE

Kennesaw State University

Graduate Teaching Assistant

Kennesaw, GA

August 2024 – Present

- Assist with instruction in introductory data science courses for over 800 undergraduate students per semester.
- Instruct and assist three sections on foundational concepts including data cleaning, data manipulation, hypothesis testing, statistical modeling, and visualization.
- Lead lab sessions to ensure students develop and reinforce statistical concepts and skills in Microsoft Excel.
- Provide guidance and feedback for students on labs and homework to ensure core concepts are being understood.
- Facilitate office hours on a weekly basis to ensure student success.

Federal Bureau of Investigation

Intern

Atlanta, GA

June 2023 – Present

- Import and normalize subpoenaed bank statements into Microsoft Excel for financial analysis.
- Utilize Python packages like Pandas and BeautifulSoup for web scraping to collect, clean, and normalize data for case work.
- Analyze bank/credit card statements to match findings with current cases and brief forensic accountants on potential findings.
- Develop visualizations of account trends to monitor balance over time, transaction type, and frequency of transactions.
- Maintain active top secret security clearance.

Mathnasium

Lead Instructor

Holly Springs, GA

September 2020 – June 2023

- Aided over 300 K-12 students per year to enhance their understanding of mathematical concepts.
- Managed and supported a team of instructors to ensure smooth operation of the learning center.

ACADEMIC PROJECTS

Predicting Infant Mortality Due to Maternal Factors

November 2024

- Developed and refined a predictive logistic model to analyze maternal factors contributing to infant mortality within the first year of life.
- Feature engineering, data preprocessing, and cleaning performed in R.
- Utilized statistical techniques including analysis of variance, logistic regression, lasso and ridge regression, and model selection using Akaike and Bayesian Information Criterion.