

# CONNOR BENTON

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## EDUCATION

**Kennesaw State University**

**Kennesaw, GA**

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

**August 2020 – May 2024**

- **Relevant Coursework:** Introduction to Data Science, Statistical Methods I & II, Computer Applications of Statistics, Topics in Regression, Python for Data Science, Probability & Data Analysis, Probability Theory, Mathematical Modeling
- **Awards:** President's List (Spring 2021): Term GPA of 4.0, Dean's List (Fall 2021, Spring 2022, Fall 2023): Term GPA of at least 3.5
- **GPA: 3.7/4.0**

## SKILLS

R (ggplot2, etc.), Python (numpy, pandas, scikit-learn, etc.), SAS, SQL (basics), Microsoft Excel, C#, C++, PowerBI (basics), Machine Learning | Parametric Statistics, Non-parametric Statistics, Public Speaking, Presentations, Teaching | English (native), Japanese (intermediate)

## WORK EXPERIENCE

**Federal Bureau of Investigation**

**Atlanta, GA**

**Forensic Accounting Intern**

**June 2023 – Present**

- Import and normalize subpoenaed bank statements into Microsoft Excel for financial analysis.
- Analyze bank/credit card statements to match findings with current case(s) and brief accountants on potential findings.
- Develop visualizations of account trends to monitor balance over time, transaction type, and frequency of transactions.
- Created a handbook to mentor current accountants on efficient data cleaning methods to strengthen financial analysis.
- Maintain active top secret security clearance.

**Mathnasium**

**Holly Springs, GA**

**Lead Instructor**

**September 2020 – June 2023**

- Provided assistance to students to enhance their understanding of mathematical concepts.
- Managed and supported a team of instructors to ensure smooth operation of the learning center.
- Inserted parent and student data into Mathnasium's database.

## ACADEMIC PROJECTS

**Emails Sent by Age Group**

**November 2023**

- Developed an analysis to investigate whether there was a significant difference between the number of emails sent by age group at a company.
- Utilized a Kruskal-Wallis Test and determined that at least one age group had a significantly different number of emails sent (at 90% confidence).
- Implemented post-hoc analysis to determine which group(s) were different from each other.
- Created a stratified box-plot in SAS to visualize which groups were different and how different they were.

**Average Salary & Company Rating for Data Scientist Jobs**

**October 2023**

- Investigated whether average salary (categorized) predicts the Glassdoor rating of the company for data scientists.
- Using an ANOVA Test, there was a statistically significant difference between the Glassdoor rating of companies for salaries under \$81,000 and salaries over \$111,500. Typically, higher salary resulted in higher average rating.
- Post-hoc tests utilized Fisher's LSD, Tukey's HSD, and Bonferroni Method.

**Housing Market Analysis**

**May 2022 – July 2022**

- Developed a model to predict the final sale price of a home using over 1,400 sold listings from a real estate company. Emphasis on analyzing how physical properties and key features affected the value of a home.
- Performed extensive analysis to condense data, ensuring the best model was developed with minimal error.
- Wrote a 22 page write-up of findings; available upon request.