CAMILA ALVAREZ

MATHEMATICS & DATA SCIENCE STUDENT

CONTACT

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SKILLS

- Python Programming
  - Numpy
  - Pandas
- Statistical Analysis
  - Hypothesis Testing
  - Descriptive & Inferential Statistics
- Data Visualization
  - Matplotlib
  - Seaborn
- Data Reporting
- MS Office (Word, Excel, Outlook etc..)

EDUCATION

**Bachelor of Science,
Data Science & Analytics**
Florida Atlantic University, GPA - 3.79
Expected Graduation: Dec - 2025

Bachelor of Arts, Mathematics
Florida Atlantic University, GPA - 3.79
Expected Graduation: Dec - 2025

Associate of Arts, Finance
Broward College, GPA - 3.76
Awarded: Aug - 2022

CERTIFICATES

Business Operations
- Broward College

Business Management
- Broward College

Accounting Technology Specialist
- Broward College

PROFILE

A passionate student majoring in Mathematics and Data Science & Analytics, with a keen interest in leveraging mathematical concepts and data analytics to solve real-world problems. Experienced in applying statistical analyses to drive impactful decisions, from enhancing marketing strategies to informing public health initiatives.

RELEVANT WORK EXPERIENCE

Office Manager   11/2021 - 10/2022
Seven Seas Yacht Sales

- Analyzed marketing material metrics to enhance effectiveness.
- Created reports on expenses, revenues, payroll, and credit card expenses.
- Oversaw expense payments, vendor accounts, payroll, and office inventory.

District Secretary   12/2019 - 07/2020
Florida House of Representatives, District 95

- Tasked with daily communication of COVID-19 statistics for the district.
- Conducted basic statistical analyses on demographic trends and infection rates.
- Utilized the analyses to focus educational efforts and inform constituents through social media platforms.

Legal Intern   5/2019 - 10/2019
Florida Coast to Coast Legal Aid

- Managed intake forms for pro-se litigants and identified data collection opportunities.
- Implemented a new system to analyze the intake data for resource allocation.
- Contributed to grant applications by providing useful data-driven insights.

PROJECTS

- **1992 Presidential Election - Data Analysis:** Conducted statistical tests to evaluate voting uniformity across states, while also analyzing demographic and social factors.
- **Educational and Demographic Analysis of U.S. Counties:** Manipulated a dataset to focus on educational categories and used statistical methods to compare demographic metrics across selected U.S. states.