

# Nadine Ammatoury

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📍 Shouf, Lebanon

## Profile

Applied Mathematics graduate from the American University of Beirut. Skilled in Python, R, basic SQL, and data visualization, with experience in exploratory data analysis, predictive modeling, and business intelligence. Solid background in applying data science to real-world problems, like brand performance analysis and market research.

## Education

- AI starter kit - e-course, AUB**08/2025 – Present
  - Practical AI applications for productivity, automation, and ethical business use
- B.Sc. Applied Mathematics, AUB**2022 – 2025  
Lebanon
  - Pursued a Computational Sciences Minor & a Computer Sciences track
  - Placed on Dean's Honor List & graduated with distinction through a full scholarship

## Projects

- Is Boycotting Beneficial?, Data Science Project (Python, Pandas, Matplotlib)**2025
  - Analyzed stock market responses to boycott movements (252-row Yahoo Finance dataset) for McDonald's & Starbucks.
  - Conducted EDA on prices, volume, and trends, visualized pre- and post-boycott behavior, and presented insights via Python dashboards.
- Restaurant Plan, Decision Systems Project (Excel, Survey Data, Business Analytics)**2024
  - Conducted market analysis using 100+ survey responses to evaluate key metrics
  - Built financial and predictive models in Excel, and delivered a data-driven business plan to a faculty panel.

## Professional Experience

- Private Math Tutor**Present
  - Delivered 1:1 tutoring to high school students, improving exam scores.
- Volunteering Officer, HES club, AUB**2024 – 2025
  - Increased volunteering opportunities for members significantly
  - Organized and coordinated volunteer events and managed a team of volunteers
  - Collaborated closely with CCECS AUB on community initiatives
- Analytical & Managerial Assistant (Volunteer), Barouk's Medical Center**2023 – 2025
  - Supported data entry, reporting, and organization of patient/clinic operations.
  - Assisted in process optimization and record management.
- Intern – Programming & HTML Teacher, Amis Clac**2024
  - Designed and taught coding lessons, introducing 35+ students to programming fundamentals.
  - Created small-scale projects reinforcing problem-solving and logical thinking.

## Skills

- Programming & Data**  
Python (Pandas, NumPy, Matplotlib), R, basic SQL, Java, MATLAB
- Data Analysis**  
Data Cleaning, EDA, Predictive Modeling, Statistical Analysis
- Visualization & Tools**  
Excel, Power BI, Tableau, Google Sheets
- Other soft skills**  
Leadership, teamwork, time management..

## Additional

- Workshops**
  - Introduction to Machine Learning
  - AI & Human Rights
  - Women in Data Science
- Languages**
  - Arabic (Native)
  - English (Fluent, 7.5 IELTS)
  - French (Basic)