

Sara Daaboul

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Motivated Data Science graduate eager to kickstart a career by applying data analysis, web scraping, and visualization skills to real-world projects. Passionate about uncovering insights and building interactive dashboards. Curious learner, and dedicated to gaining hands-on experience.

Experience

42 BEIRUT PISCINE | JULY 2025 - AUGUST 2025 | BEIRUT, LEBANON

- Completed a 4-week intensive program consisting of technical challenges, timed projects, and peer evaluations.
- Strengthened problem-solving, teamwork, and resilience under pressure by solving coding tasks and projects daily, and gained practical exposure to peer to peer learning.

LU ACADEMIC RESEARCH DASHBOARD- LEBANESE UNIVERSITY | FINAL YEAR PROJECT | MAY 2025 – JULY 2024 | BEIRUT, LEBANON

- Collected large-scale academic research data, by building a **scraper**, scraped **284 researcher profiles**, **10,000+ papers**, and **100,000+ citations** from a research platform.
- Built an end-to-end data **pipeline**: **scraped** raw data -> **cleaned** and transformed in Python -> stored in **SQL Database** -> built a **Flask Python backend** for querying -> visualized insights in an interactive **dashboard**.
- Dashboard included visualizations to uncover trends in research activity, collaboration networks, and clusters.

DATA SCIENCE INTERN | SALEM GROUP | SEPTEMBER 2024 – OCTOBER 2024 | BEIRUT, LEBANON

- Performed exploratory data analysis on a 40,000+ row dataset using Pandas, NumPy, and Matplotlib.
- Automated translation of a large dataset via google translate API, reducing manual processing time.
- Researched machine learning models for potential business applications.

DATA TEAM MEMBER (VOLUNTEERING INTERN) | ALL GIRLS CODE AUB | JULY 2024 – SEPTEMBER 2024 | BEIRUT, LEBANON

- Cleaned and structured datasets using Python, and built visualizations in Tableau to highlight patterns.
- Mentored and guided 50+ high school girls during the AGC Techsplore event, teaching data cleaning concepts(handling missing, inconsistent, and duplicated data).
- Demonstrated strong communication and attention to detail by simplifying technical topics for non-technical audiences.

Education

Bachelor's degree in data science - Lebanese University | Beirut, Lebanon | October 2022- July 2025
(Coursework included: Data Mining, Machine Learning, Advanced Statistical Analysis, Big data tools)

Lebanese baccalaureate in General Sciences - Shakib Erslan Public School |Beirut, Lebanon | July 2022

Skills & Abilities

- **Web Scraping:** Python (Selenium)
- **Data Analysis:** Python (Pandas, NumPy, Matplotlib), R
- **SQL & Databases:** MySQL (queries, joins, table creation)
- **Statistical Analysis:** ANOVA test, regression and correlation
- **Data Visualization:** Tableau, Power BI, Seaborn
- **Machine Learning & Statistics:** Classification, Regression, Clustering, ANOVA, Decision Trees
- **Web Development:** HTML, CSS, Javascript
- **Big Data:** Hadoop, Spark
- **Programming:** Python, R, Java, C++, C, Unix, Shell scripting
- **Tools and Productivity:** Excel, Word, PowerPoint
- Git

Certifications:

Predictive Analytics Essential Training: Data Mining | LinkedIn learn | September 2024

Understanding Artificial Intelligence | Datacamp | August 2024

Languages

- English (Professional Proficiency)
- Arabic (Native Speaker)
- French (Limited Proficiency)