

ZAMZAM ATWI

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PROFESSIONAL SUMMARY

Data Science graduate with a solid foundation in mathematics and hands-on experience in machine learning, AI, and data analytics. Proven ability to develop predictive models, analyze complex datasets, and build practical solutions. Eager to contribute to data-driven innovation in a collaborative, growth-oriented environment.

EDUCATION

American University of Beirut (AUB)

Diploma in Data Science & Artificial Intelligence | 2024

University of Sciences and Arts in Lebanon (USAL)

Bachelor's in Data Science | 2024

Lebanese University (LU)

Bachelor's in Mathematics | 2023

PROJECTS

FIFA Win Predictor

Built ARIMA-based time series model to forecast World Cup results using historical data.

Customer Segmentation (ML)

Used K-Means and Elbow Method to segment customers; enhanced marketing targeting.

Hospital Management System

Developed a GUI system in Java using OOP principles for hospital workflows.

Recipe Analytics (RStudio)

Cleaned and analyzed recipe data to extract trends and create visual dashboards.

Recipe Website

Designed a full-stack recipe platform with user login, admin tools, and CRUD features.

AI/ML Mini Projects (10+ at AUB)

Completed diverse assignments in NLP, deep learning, and real-world data processing.

TECHNICAL SKILLS

Languages/Frameworks: Python, R, Java, C++, SQL, JavaScript, HTML/CSS, MATLAB, LaTeX, Django, Flask

Tools: Jupyter, Colab, RStudio, Tableau, Power BI, VS Code, NetBeans

Core Areas: Machine Learning, Data Cleaning, Data Visualization, APIs, Web Development, Statistical Analysis

SOFT SKILLS & LANGUAGES

Problem Solving | Critical Thinking | Team Collaboration | Adaptability

Arabic: Native | **English:** Fluent | **French:** Basic