

JREIGE YOUSSEF FINIANOS

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OBJECTIVE

Aspiring Data Scientist currently at my last year master's degree in Data Science at Saint Joseph University of Beirut. Experienced in statistical analysis, machine learning, and data management through academic projects and internships. Seeking to leverage my analytical skills and hands-on experience to contribute to deriving actionable insights from data.

EDUCATION

Master's degree in data science

Sep 2023 – May 2025

Saint Joseph University of Beirut, Faculty of engineering

M1 GPA: 3.54/4 - Class Delegate

- **Thesis:** Studying the influence of AI and social media on academic performance and mental well-being. Applying EFA, CFA, SEM, statistical analysis, and network analysis.
- **Project:** Real-time ASL letter detection using ML and DL (Scored 85/100).
- Completed multiple applied data science projects during coursework, including NLP, credit scoring, and time series forecasting.

Bachelor's degree in mathematics

Sep 2020 – May 2023

Saint Joseph University of Beirut, Faculty of science

GPA: 3.56/4. Life scholar (2022 – 2023)

EXPERIENCE

Internship Program, CMA - Tripoli

Jan 2025 – Feb 2025

CMA CGM Group, a global player in sea, land, air, and logistics solutions

- Automated planning tasks with Excel VBA to improve data processing time.

Statistical Analyst, Freelance

Aug 2024 – Jan 2025

- Analyzed academic datasets using SPSS (correlations, regressions).
- Interpreted analytical findings and delivered comprehensive reports for 4 research projects

Data Science intern, Salem Group

Feb 2023 – July 2023

Salem Group is a management consulting firm that serves clients in Business Development, Web & App Development, and more.

- Aggregated and cleaned data from 300+ weekly job postings.
- Conducted trend analysis across economic sectors using Python and Excel.

KEY PROJECTS

Real-Time ASL Detection

- Built a CNN-based model to detect ASL letters in real-time video feeds.
- Applied image preprocessing, model tuning, and performance evaluation.

NLP Sentiment & Review Prediction

- Preprocessed 3K+ iPhone customer reviews, extracted text and metadata features using NLP.
- Applied sentiment analysis (VADER), LDA topic modeling, and trained a Random Forest model achieving 87% adjusted accuracy on rating prediction.

Credit Scoring with Logistic Regression

- Analyzed financial & behavioral data of 749 applicants to model credit risk.
- Applied logistic regression, feature selection, and multiple testing corrections; evaluated using AIC, ROC, and deviance.

Time Series Forecasting of Bitcoin and Market Indices

- Modeled and forecasted weekly Bitcoin closing prices using SARIMA models.
- Applied multivariate analysis on SPX, DAX, FTSE, and Nikkei to identify the direction of future movements, assess the causality of one index on another.

TECHNICAL SKILLS

Languages: Arabic (Native), French (DELF B2), English (TOEIC 910/990)

Programming Languages: Python (Advanced), C++ (Intermediate), MATLAB (Advanced), Excel VBA (Intermediate)

Tools: SPSS, RStudio, Power BI, Jupyter

TRAININGS & CERTIFICATIONS

42 Beirut Coding Bootcamp (Piscine)

Feb 2024 – Mar 2024

Employability Workshops, USJ

Oct 2023 – Nov 2023

CV Building, Interview Techniques, Emotional Intelligence