

SARAH YASSINE

CONTACT

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PROFILE SUMMARY

Data Analyst with 2+ years of experience and a BS in Data Science, pursuing an MS in Computational Linguistics. Skilled in transforming raw data into actionable insights through storytelling, dashboard development (Tableau/Power BI), and advanced analytics. Proficient in Python, SQL, and ETL processes, with additional expertise in web scraping, semantic analysis, and prompt engineering. A collaborative partner who translates complex data and linguistic insights into strategic recommendations that optimize performance and empower stakeholders.

EDUCATION

- 2024-2026
LEBANESE UNIVERSITY
 - Master in Computational Linguistics
- 2019 - 2022
LEBANESE UNIVERSITY
 - Bachelor of Data Science

TECHNICAL SKILLS

- Programming: Python, R, C#
- Libraries: Scikit-Learn, NumPy, Pandas, TensorFlow, NLTK, Keras, SpaCy, Pytorch, Langchain
- Data Scrapping: BeautifulSoup
- Generative AI: GANs, RAG
- Apache: Airflow, Spark, Hbase
- Database: MySQL, PostgreSQL, Snowflake SQL
- Cloud: Amazon Web Service (AWS)
- Git
- Data Visualization: Dash (Pyhton), PoweBI, Plotly, matplotlib, Looker
- Microsoft Access
- n8n

SOFT SKILLS

- Communication
- Time Management
- Leadership
- Public Speaking
- Problem Solving

WORK EXPERIENCE

Succeed&Achieve - SALC SEP 2025- Present AI Instructor

- Deliver expert-led bootcamps on AI applications, serving as both a technical instructor and a strategic advisor.
- Guide teachers and academic staff on implementing AI tools in educational settings, covering practical use cases, ethics, and strategy development.
- Teach practical prompt engineering and the effective use of diverse AI tools (e.g., ChatGPT, Claude, Midjourney) for varied professional and creative cases.

Namou Properties SEP 2025- Present Business Analyst

- Act as the founding Product Owner and Business Analyst for a new networking product, managing the full product lifecycle from concept development to launch, live operations, and continuous improvement.
- Built the product's core data asset by developing a web scraper that aggregated a targeted database of 25,000+ broker contacts, enabling large-scale outreach and lead generation initiatives.
- Developed automated workflows using n8n to extract and organize Google Ads, website traffic, and campaign performance data for marketing analysis.
- Analyzed advertising and website performance using Google Analytics 4 / GA4, supporting the marketing team in tracking traffic sources, user behavior, campaign performance, and key marketing KPIs.
- Created Looker Studio dashboards by connecting Google Ads and GA4 data to visualize campaign performance, website traffic, conversions, and marketing effectiveness.
- Designed automated reports using Google Apps Script to analyze email marketing campaigns and broadcast performance, including engagement and campaign results.
- Engineered automated workflows and communication systems using n8n and Twilio API, reducing manual effort by 60% and accelerating campaign execution.
- Defined project KPIs, built dashboards, and tracked performance metrics to improve visibility, support strategic decision-making, and inform product and marketing improvements.
- Collaborated closely with product and marketing teams to translate business needs into reporting solutions, automation workflows, and actionable data insights.

EXPERTISE

- Delivering AI and Data trainings for professionals and students
- Technical writing

CERTIFICATIONS

- SQL Associate - DataCamp- June 2025
- Associate Data Engineer in SQL- DataCamp - May 2025
- Machine Learning Certificate- ZAKA AI - May 2023

VOLUNTEERING

- Data Analyst - All Girls Code
- Mentorship Program Coordinator - Beirut AI
- Editor- Beirut AI
- Operator - Donner Sans Compter
- Youth volunteer - Lebanese Red Cross

LANGUAGES

- Arabic: Mother Tongue
- English: Fluent
- French: Intermediate

boxMind.ai

SEP 2023 - APR 2025

Data and Machine Learning Engineer

- Designed and implemented the company's first ETL pipelines using Python and Apache Airflow, automating workflows to improve data processing efficiency. Reduced data preparation time by 50%, accelerating AI model development for engineering teams.
- Integrated Apache Spark and HBase with Airflow to optimize ETL pipelines, improving scalability and performance by 60%.
- Monitored and optimized data pipelines to ensure reliability, efficiency, and continuous improvement in data processing operations.
- Fine-tuned Large Language Models (LLMs) from Hugging Face to improve model performance and alignment with specific use cases.
- Assisted in data preparation for LLMs, including parsing, cleaning, and chunking data to ensure high-quality model training and inference inputs.
- Developed and implemented comprehensive Generative AI course content for boxMind.ai Academy, covering key concepts, tools, and applications. Successfully deployed across 3 schools, enhancing learner engagement and knowledge retention.
- Worked on migration dashboard from TABLEAU to Power BI.

Softech

FEB 2023 - JUL 2023

Data and Research Analyst

- Collected and processed data from open sources using OSINT techniques, ensuring high-quality inputs for analysis.
- Performed data analysis using InGrav tool to extract actionable insights.
- Designed relational diagrams and interactive graphs in Figma to visualize analysis results, improving stakeholder comprehension.
- Delivered 20 dashboards and analytical reports, enabling data-driven decision-making.