

SAMI REZAL

Data Analyst

Bouismail, Tipaza, Algeria | +213 549 845 201 | rezalsamipro@gmail.com | linkedin.com/in/rezal-sami

PROFESSIONAL SUMMARY

Data Analyst with a software engineering background and hands-on project experience in data collection, processing, analysis, and visualization using SQL, Python, Power BI, Tableau, and Excel. Skilled in data cleaning, modeling, dashboard development, and statistical analysis across relational and non-relational databases. Holds a Master's in Computer Science (NLP), comfortable delivering data solutions in Agile, cross-functional teams.

WORK EXPERIENCE

Software Engineer | Sadeem Informatique

Bab Ezzouar, Algiers, Algeria (Remote) | November 2025 – May 2026

- Engineered and delivered the Mobilis web application — a high-impact enterprise-grade platform developed for one of Algeria's leading telecommunications operators, handling complex business workflows and large-scale data requirements.
- Designed and built a charity management platform enabling structured data collection, processing, and reporting for non-profit operations.
- Developed a fabrication management system to digitize and streamline industrial production workflows and operational data tracking.
- Collaborated remotely with a cross-functional team across multiple simultaneous projects, maintaining code quality, documentation, and delivery timelines.
- Applied software engineering best practices (version control, modular architecture, testing) to ensure scalable and maintainable solutions.

Software Engineer | GO Platform

Algiers, Algeria (Remote) | August 2023 – December 2024

- Designed and maintained data-driven software systems within a distributed Agile team, contributing to scalable and reliable application architecture.
- Developed and optimized data pipelines and APIs to ensure consistent, accurate, and high-performance data flow across services.
- Collaborated with cross-functional teams to define data requirements, model system behavior, and deliver robust technical solutions.
- Managed and queried databases to support application logic and reporting, ensuring data integrity and performance.
- Applied Agile methodologies (sprints, retrospectives) and version control (Git) in a professional team environment.

Software Engineer (Internship) | LOGITRANS

Algiers, Al Harrache, Algeria (On-site) | January 2023 – June 2023

- Contributed to the design and development of an enterprise management system involving structured data modeling and relational database integration.
- Implemented and tested data services and RESTful interfaces connected to a relational database, ensuring data accuracy and reliability.
- Performed functional testing and data validation to verify system correctness and quality of outputs.
- Produced technical documentation to support knowledge transfer and system maintainability.

PROJECTS

- Sales Data Analysis – Built an interactive Power BI dashboard with DAX measures to track sales performance, revenue trends, and key KPIs across products, regions, and time periods.
- Insurance Data Analysis – Analyzed insurance claims and customer data in Power BI using DAX measures to surface risk patterns, claim frequency, and profitability segments.
- UPI Transactions Data Analysis – Developed Power BI reports and DAX calculations to explore digital payment volumes, transaction trends, and merchant-level performance metrics.
- Student Depression Data Analysis – Extracted and transformed mental-health survey data with SQL, then built Tableau visualizations to highlight demographic and lifestyle correlations.
- Additional data and software engineering projects available upon request.

TECHNICAL SKILLS

Data Analysis & Processing: Python, pandas, NumPy, Jupyter Notebook, Microsoft Excel, Excel Power Query, Pivot Tables

Business Intelligence & Visualization: Power BI, DAX, Power Query Editor, Tableau, Matplotlib, Seaborn

Databases & Query Languages: SQL, MySQL, MongoDB, Snowflake

Machine Learning & NLP: scikit-learn, NLTK, spaCy, text classification, sentiment analysis

Statistics & Analytics: Descriptive statistics, exploratory data analysis (EDA), data cleaning, data wrangling

Programming: Python, JavaScript, TypeScript

Tools & Workflow: Git, GitHub, Postman, Agile/Scrum, Trello

EDUCATION

Master's Degree in Computer Science – Natural Language Processing (NLP)

Saad Dahleb University, Blida, Algeria

Bachelor's Degree in Computer Science – Software & Information Quality (SIQ)

Saad Dahleb University, Blida, Algeria

Baccalaureate – Mathematics

Ahmed Ould Torki High School, Bouismail, Algeria

LANGUAGES

Arabic: Native

French: Professional Proficiency (C1)

English: Professional Proficiency (B2/C1)